ESH-EMS-2000408

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

The Savannah River Site's Groundwater Monitoring Program

FOURTH QUARTER 2000 (U)
(October through December 2000)

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

SAFETY • RESPONSIBILITY • SECURITY
SRS
SAVANNAH RIVER SITE

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

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DISCLAIMER

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
Addendum—results from Microseeps' third quarter 2000 ERA performance standards
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

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

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

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

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

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Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

ExR, Inc.
Athens, GA

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Executive Summary

The Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During fourth quarter 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 fourth 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 fourth quarter 2000 in 50 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 12 of those 50 monitoring well series.

Table 1, organized alphabetically by well series, lists those well series with analytical results above Flag 2 criteria during fourth 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

Site	*Well Series*	*Analytes above Flag 2 Criteria*
A-Area Metals Burning Pit	ABP	Aluminum, iron, pH, specific conductance, trichloroethylene
A-Area Coal Pile Runoff Containment Basin	ACB	Aluminum, iron
Metallurgical Laboratory Seepage Basin	AMB	Boron, trichloroethylene
Motor Shop Oil Basin	AOB	Boron, iron, tetrachloroethylene, trichloroethylene
A-Area Burning/Rubble Pits	ARP	Aluminum, boron, iron, tetrachloroethylene, total organic halogens, trichloroethylene
Injection Wells of the C-Area Reactor	AS	1,2-dichloroethylene, trichloroethylene
Burial Grounds Perimeter Wells	BGO	Aluminum, dissolved, aluminum, bis(2-ethylhexyl) phthalate, boron, carbon-14, chloroethene, 1,1-dichloroethane, cis-1,2-dichloroethylene, 1,1-dichloroethylene, dichloromethane, gross alpha, iodine-129, iron, dissolved, iron, lead, lithium, mercury, **nickel-63**, nonvolatile beta, pH, radium-226, radium-228, specific conductance, strontium-90, tetrachloroethylene, total alpha-emitting radium, total organic carbon, total organic halogens, trichloroethylene, trichlorofluoromethane, tritium
E–Area Vaults near the Burial Grounds	BGX	Boron, dichloromethane, lithium, manganese, pH, radium-226, specific conductance, total organic carbon, total organic halogens, trichloroethylene, tritium
Multiscreened Wells for the Burial Ground Complex Southeast Plume Area	BSE	Lithium, **nitrate-nitrite as nitrogen**, total alpha-emitting radium, trichloroethylene, tritium

Site	*Well Series*	*Analytes above Flag 2 Criteria*
Mixed Waste Management Facility Southwestern Plume Interim Measures Monitoring Wells	BSW	**Benzene**, **boron, chloroethene, chromium, 1,1-dichloroethane**, **1,1-dichloroethylene**, **gross alpha**, **lithium**, **mercury**, **nonvolatile beta**, **radium-226**, **specific conductance**, **tetrachloroethylene**, **total alpha-emitting radium, total organic carbon**, **total organic halogens**, **trichloroethylene**, **tritium**
C-Area Burning/Rubble Pit	CRP	Aluminum, boron, carbon tetrachloride, chloroethene, cis-1,2-dichloroethylene, 1,2-dichloroethylene, iron, manganese, manganese, **nitrite as nitrogen**, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene
D-Area Oil Seepage Basin	DOB	Aluminum, boron, chloroethene, iron, tetrachloroethylene, total organic carbon, trichloroethylene
D-Area Oil Seepage Basin	DOL	**Nitrate as nitrogen**
Surrounding the 288-1F F-Area Ash Basin	FAB	Aluminum, boron, gross alpha, iron, manganese, total organic halogens
F-Area Burning/Rubble Pits	FBP	Aluminum, nitrate-nitrite as nitrogen, nonvolatile beta, total organic halogens, trichloroethylene
F-Area Canyon Building	FCA	Lithium, trichloroethylene
F-Area Coal Pile Runoff Containment Basin	FCB	Aluminum, iron, lithium
F-Area Effluent Treatment Cooling Water Basin	FET	Aluminum
F-Area Seepage Basins Groundwater Remediation, Hot Spot Extraction Wells	FEX	Aluminum, americium-241**,** cadmium, curium-243/244, iodine-129, radium-226, radium-228, specific conductance, uranium-233/234, uranium-235, uranium-238
F-Area Seepage Basins Groundwater Remediation, Hot Spot Injection Wells	FIN	Aluminum, iodine-129, radium-226, specific conductance, strontium-89/90, uranium-233/234, uranium-238
F-Area Seepage Basins	FSB	Aluminum, beryllium, cadmium, cobalt, gross alpha, iron, lead, manganese, nitrate-nitrite as nitrogen, nonvolatile beta, pH, specific conductance, tritium
F-Area Inactive Process Sewer Line Wells for Groundwater Assessment	FSL	Aluminum, cadmium, gross alpha, lead, nitrate-nitrite as nitrogen, nonvolatile beta, specific conductance, tritium
F-Area Sludge Land Application Site	FSS	**Dissolved aluminum,** aluminum, total alpha-emitting radium, total organic carbon, tritium
H-Area Tank Farm Groundwater Operable Unit	HAA	Aluminum, iron, total organic halogens
H-Area Seepage Basins Groundwater Remediation, Hot Spot Extraction Wells	HEX	Aluminum, iodine-129, mercury, nickel-63, strontium-89/90
H-Area Seepage Basins Groundwater Remediation, Hot Spot Injection Wells	HIN	Iodine-129, mercury, radium-226, specific conductance
Hazardous Waste/Mixed Waste Disposal Facility	HMD	Boron, lithium, **radium-228**, total organic carbon, tritium

Site	*Well Series*	*Analytes above Flag 2 Criteria*
H-Area Seepage Basins	HSB	Bis(2-ethylhexyl) phthalate, dichloromethane, gross alpha, lithium, mercury, nitrate-nitrite as nitrogen, nonvolatile beta, pH, specific conductance, total alpha-emitting radium, total organic carbon, total organic halogens, tritium
H-Area Inactive Process Sewer Line	HSL	Nonvolatile beta, tritium
Ford Building Seepage Basin	HXB	Aluminum, iron
K-Area Disassembly Basin	KDB	Aluminum, gross alpha, iron, manganese, tetrachloroethylene, total organic carbon, tritium
L-Area Acid/Caustic Basin	LAC	Aluminum, tetrachloroethylene, trichloroethylene
L-Area Research Wells	LAW	Tritium
L-Area Oil and Chemical Basin	LCO	Carbon-14, tetrachloroethylene, trichloroethylene, tritium
L-Area Disassembly Basin	LDB	Aluminum, iron, lead, manganese, tritium
Sanitary Landfill	LFW	Aluminum, benzene, chloroethene, 1,1-dichloroethane, gross alpha, iron, lead, mercury, thallium, total organic carbon, trichloroethylene, trichlorofluoromethane, tritium
Miscellaneous Chemical Basin	MCB	**Carbon-14**, iron, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF)	MSB	Aluminum, boron, iron, lead, lithium, manganese, nitrate-nitrite as nitrogen, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene
B-Area Microbiology Wells	P	Aluminum
R-Area Reactor Seepage Basins	RPC	Gross alpha, nonvolatile beta, strontium-90, **tritium**
Series D, R-Area Reactor Seepage Basins and R-Area Disassembly Basin	RSD	Gross alpha, nonvolatile beta, strontium-90
M-Area Recovery Wells	RWM	Dichloromethane, tetrachloroethylene, trichloroethylene
Silverton Road Waste Site	SRW	Aluminum, boron, iron, lead, lithium
T-Area Burying Ground	TBG	Aluminum, carbon tetrachloride, gross alpha, iron, manganese, nitrate-nitrite as nitrogen, radium-226, radon-222, tetrachloroethylene, total organic halogens, trichloroethylene
TNX Permeable Wall Demonstration Well Installation	TCM	Aluminum, gross alpha, trichloroethylene, **uranium**
USGS Intrinsic Remediation Investigation Piezometers in T Area	TIR	Aluminum, trichloroethylene
TNX-Area Assessment Wells	TNX	Aluminum, boron, gross alpha, iron, manganese, total organic carbon, total organic halogens, trichloroethylene, **uranium**
TNX-Area Test Recovery Wells	TRW	Carbon tetrachloride, trichloroethylene

Site	*Well Series*	*Analytes above Flag 2 Criteria*
Old TNX Seepage Basin	XSB	Aluminum, boron, gross alpha, iron, radium-226, total organic carbon, total organic halogens, trichloroethylene, **uranium**
New TNX Seepage Basin	YSB	Boron, iron

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

Introduction

This report summarizes the Groundwater Monitoring Program conducted by SRS during fourth quarter 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 fourth 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 C-Area Burning Rubble Pit, D-Area Oil Seepage Basin, and Miscellaneous Chemical Basin sampling projects; 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 groundwater samples can be affected to produce results that may be biased positively or negatively. The **Comparability** subsection discusses whether the laboratories use the same standardized procedures for sample preparation and analysis, whether the reporting units are the same, and whether similar quantitation limits were obtained. The **Completeness** section evaluates the amount of useable data that resulted from the data collection.

The **Site Index** section lists and gives a description of the sites associated with each well series, as well as historical information for the sites. A list of terms, abbreviations, and acronyms used in this report can be found in the **Glossary** section. References cited are included in the **References** section. The **Addendum** section includes results of MS's third quarter certified environmental quality control standards from Environmental Research Associates. The **Water-Level Data** section (**Appendix A**) includes concurrent water elevations obtained in A/M and other areas; these data are used by SRS personnel in hydrogeologic studies. The **Analytical Results** section (**Appendix B**) includes tables listing the verified and validated analytical results from all laboratories and field data for all wells sampled during the quarter. The tables appear in alphabetical order by well name. The **Sampling Blanks Results** section (**Appendix C**) contains tables listing the analytical results of laboratory tests on sampling blanks.

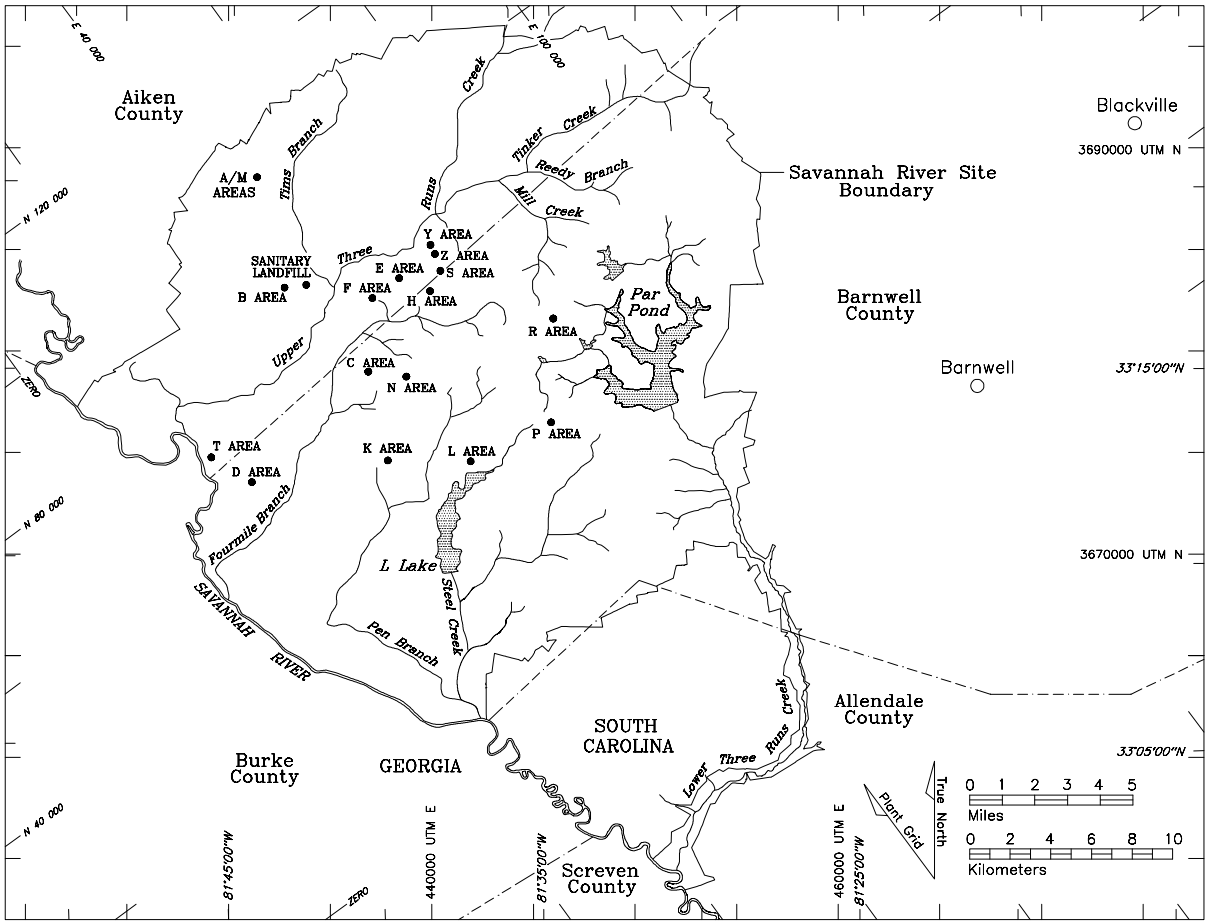

Figure 1. Areas and Locations Monitored for Groundwater Quality

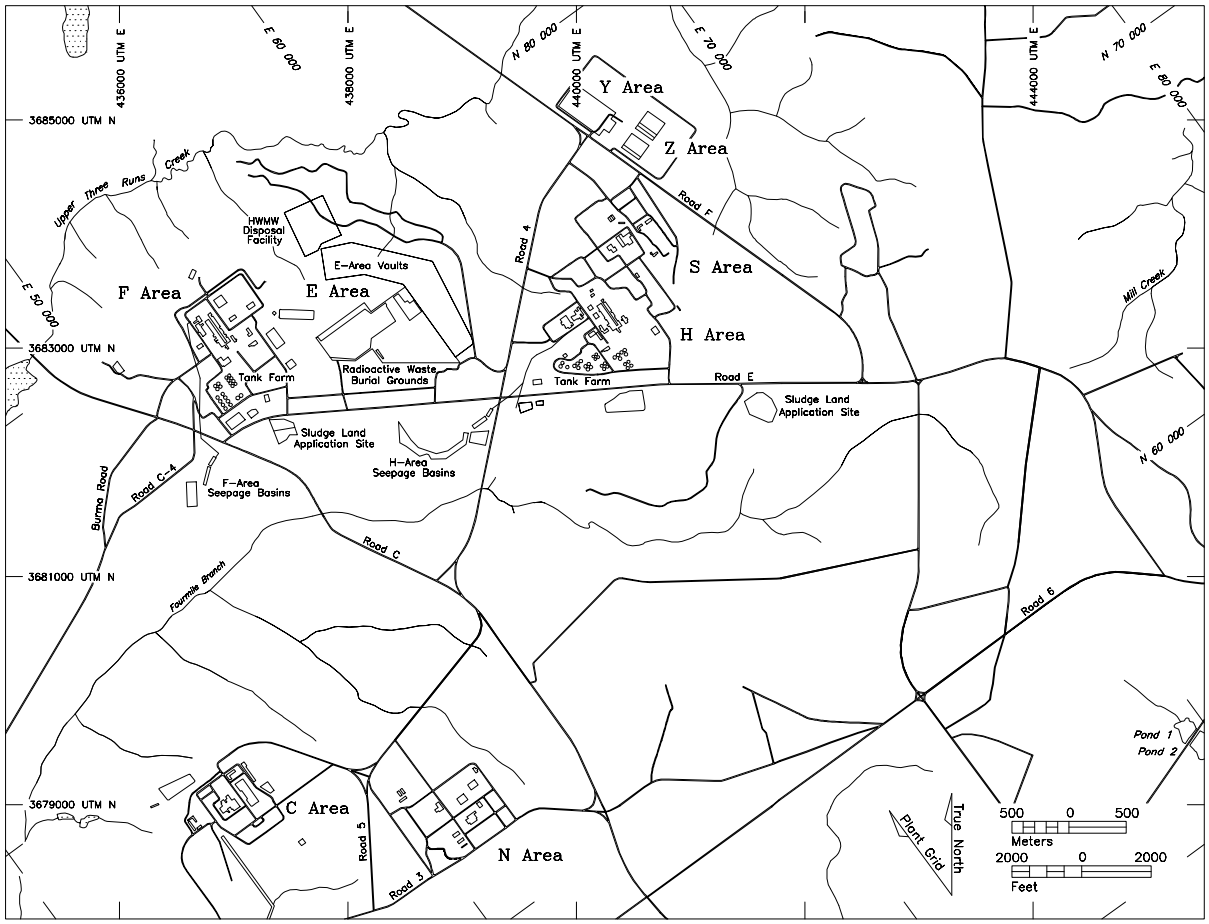

Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

Flagging Criteria

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

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

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

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

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

APHA — American Public Health Association.

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

EPA — U.S. Environmental Protection Agency.

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

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

PDWS — Primary Drinking Water Standards.

SCDHEC — South Carolina Department of Health and Environmental Control.

SDWS — Secondary Drinking Water Standards.

Table 2. Flagging Criteria

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Acenaphthene	µg/L	5.1	10.2	EPA Method 8270
Acenaphthylene	µg/L	5.1	10.2	EPA Method 8270
Acetone	µg/L	500	1,000	Set by EPD/EMS
Acetonitrile (Methyl cyanide)	µg/L	50	100	EPA Method 8240
Acetophenone	µg/L	85	170	EPA Method 8270
2-Acetylaminofluorene	µg/L	81	162	EPA Method 8270
Acrolein	µg/L	166.5	333	EPA Method 8240
Acrylonitrile	µg/L	250	500	EPA Method 8240
Actinium-228	µCi/mL	1.64E-06	3.27E-06	Proposed PDWS (EPA, 1991c)
Alachlor	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
Aldicarb	µg/L	1.5	3.0	Final PDWS (EPA, 2000a)
Aldicarb sulfone	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
Aldicarb sulfoxide	µg/L	2.0	4.0	Final PDWS (EPA, 2000a)
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, 2000b)
Aluminum, dissolved	µg/L	25	50	SDWS (EPA, 2000b)
Aluminum, total recoverable	µg/L	25	50	SDWS (EPA, 2000b)
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, 2000a)
Antimony, dissolved	µg/L	3.0	6.0	Final PDWS (EPA, 2000a)
Antimony, total recoverable	µg/L	3.0	6.0	Final PDWS (EPA, 2000a)
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, 2000a)
Arsenic, dissolved	µg/L	25	50	Final PDWS (EPA, 2000a)
Arsenic, total recoverable	µg/L	25	50	Final PDWS (EPA, 2000a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final PDWS (EPA, 2000a)
Atrazine	µg/L	1.5	3.0	Final PDWS (EPA, 2000a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final PDWS (EPA, 2000a)
Barium, dissolved	µg/L	1,000	2,000	Final PDWS (EPA, 2000a)
Barium, total recoverable	µg/L	1,000	2,000	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	5.0	10	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Beryllium	µg/L	2.0	4.0	Final PDWS (EPA, 2000a)
Beryllium, dissolved	µg/L	2.0	4.0	Final PDWS (EPA, 2000a)
Beryllium, total recoverable	µg/L	2.0	4.0	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
Bromoform (Methyl bromide)	µg/L	50	100	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
Cadmium, dissolved	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
Cadmium, total recoverable	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
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, 2000a)
Carbon disulfide	µg/L	25	50	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000b)
4-Chloroaniline	µg/L	5.0	10	EPA Method 8270
Chlorobenzene	µg/L	50	100	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
4-Chloro-m-cresol	µg/L	5.1	10.2	EPA Method 8270
Chloromethane (Methyl chloride)	µg/L	10	20	EPA Method 8240
2-Chloronaphthalene	µg/L	5.1	10.2	EPA Method 8240
2-Chlorophenol	µg/L	5.1	10.2	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	5.1	10.2	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Chloroprene	µg/L	1,665	3,330	EPA Method 8240
2-Chlorotoluene	µg/L	25	50	EPA Method 8260
4-Chlorotoluene	µg/L	5	10	EPA Method 8260
Chromium	µg/L	50	100	Final PDWS (EPA, 2000a)
Chromium, dissolved	µg/L	50	100	Final PDWS (EPA, 2000a)
Chromium, total recoverable	µg/L	50	100	Final PDWS (EPA, 2000a)
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, 2000a)
Dalapon	µg/L	100	200	Final PDWS (EPA, 2000a)
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, 2000a)
1,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final PDWS (EPA, 2000a)
1,2-Dibromoethane	µg/L	0.025	0.05	Final PDWS (EPA, 2000a)
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, 2000a)
1,3-Dichlorobenzene	µg/L	81	162	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final PDWS (EPA, 2000a)
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, 2000a)
cis-1,2-Dichloroethylene	µg/L	35	70	Final PDWS (EPA, 2000a)
1,1-Dichloroethylene	µg/L	3.5	7.0	Final PDWS (EPA, 2000a)
1,2-Dichloroethylene	µg/L	25	50	EPA Method 8240
trans-1,2-Dichloroethylene	µg/L	50	100	Final PDWS (EPA, 2000a)
Dichloromethane (Methylene chloride)	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
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, 2000a)
1,2-Dichloropropane	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)

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, 2000a)
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, 2000a)
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, 2000a)
Endrin	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
Glyphosate	µg/L	350	700	Final PDWS (EPA, 2000a)
Gross alpha	µCi/mL	7.5E-09	1.5E-08	Final PDWS (EPA, 2000a)
Heptachlor	µg/L	0.2	0.4	Final PDWS (EPA, 2000a)
Heptachlor epoxide	µg/L	0.1	0.2	Final PDWS (EPA, 2000a)
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, 2000a)
Hexachlorobutadiene	µg/L	5.0	10	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final PDWS (EPA, 2000a)
Hexachlorodibenzo-p-dioxins	µg/L	0.008	0.016	EPA Method 8280
1,2,3,4,7,8-HXCDD	µg/L	0.0105	0.021	EPA Method 8280
Hexachlorodibenzo-p-furans	µg/L	0.006	0.012	EPA Method 8280
1,2,3,4,7,8-HXCDF	µg/L	0.0085	0.017	EPA Method 8280
Hexachloroethane	µg/L	0.5	1.0	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Hexachlorophene	µg/L	83.5	167	EPA Method 8270
Hexachloropropene	µg/L	81	162	EPA Method 8270
2-Hexanone	µg/L	50	100	EPA Method 8240
Indeno[1,2,3-*c,d*]pyrene	µg/L	0.5	1.0	EPA Method 8270
Iodine	µg/L	250	500	APHA Method 415A
Iodine-129	µCi/mL	5.0E-10	1.0E-09	Interim Final PDWS (EPA, 1977)
Iodine-131◆	µCi/mL	1.5E-09	3.0E-09	Interim Final PDWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	125	250	EPA Method 8240
Iron	µg/L	150	300	SDWS (EPA, 2000b)
Iron, dissolved	µg/L	150	300	SDWS (EPA, 2000b)
Iron, total recoverable	µg/L	150	300	SDWS (EPA, 2000b)
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, 2000a)
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, 2000b)
Manganese, dissolved	µg/L	25	50	SDWS (EPA, 2000b)
Manganese, total recoverable	µg/L	25	50	SDWS (EPA, 2000b)
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, 2000a)
Mercury, dissolved	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
Mercury, total recoverable	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
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, 2000a)
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	81	162	EPA Method 8270
Methyl tert-butyl ether	µg/L	5.0	10	EPA Method 8260
3-Methylcholanthrene	µg/L	81	162	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	51	102	EPA Method 8270
2-Methylnaphthalene	µg/L	5.0	10	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Molybdenum, dissolved	µg/L	250	500	EPA Method 6010
Molybdenum, total recoverable	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	83.5	167	EPA Method 8270
1,4-Naphthoquinone	µg/L	81	162	EPA Method 8270
1-Naphthylamine	µg/L	81	162	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
2-Naphthylamine	µg/L	81	162	EPA Method 8270
Neptunium-237	µCi/mL	3.53E-09	7.06E-09	Proposed PDWS (EPA, 1991c)
Neptunium-239	µCi/mL	8.40E-07	1.68E-06	Proposed PDWS (EPA, 1991c)
Nickel	µg/L	50	100	Final PDWS (EPA, 2000a)
Nickel, dissolved	µg/L	50	100	Final PDWS (EPA, 2000a)
Nickel, total recoverable	µg/L	50	100	Final PDWS (EPA, 2000a)
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, 2000a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 2000a)
Nitrite as nitrogen	µg/L	500	1,000	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
PCB 1221	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
PCB 1232	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
PCB 1242	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
PCB 1248	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
PCB 1254	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
PCB 1260	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
PCB 1262	µg/L	0.25	0.5	Final PDWS (EPA, 2000a)
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, 2000a)
pH	pH	8.0	10	Set by EPD/EMS
pH	pH	4.0	3.0	Set by EPD/EMS
Phenacetin	µg/L	81	162	EPA Method 8270

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Phenanthrene	µg/L	5.1	10.2	EPA Method 8270
Phenol	µg/L	83.5	167	EPA Method 8270
Phenols	µg/L	50	100	EPA Method 420.1
p-Phenylenediamine	µg/L	81	162	EPA Method 8270
Phorate	µg/L	0.85	1.7	EPA Method 8080
Picloram	µg/L	250	500	Final PDWS (EPA, 2000a)
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, 2000a)
Selenium, dissolved	µg/L	25	50	Final PDWS (EPA, 2000a)
Selenium, total recoverable	µg/L	25	50	Final PDWS (EPA, 2000a)
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, 2000b)
Silver, dissolved	µg/L	50	100	SDWS (EPA, 2000b)
Silver, total recoverable	µg/L	50	100	SDWS (EPA, 2000b)
Simazine	µg/L	2.0	4.0	Final PDWS (EPA, 2000a)
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, 2000a)
Strontium-90	µCi/mL	4.0E-09	8.0E-09	Final PDWS (EPA, 2000a)
Styrene	µg/L	50	100	Final PDWS (EPA, 2000a)
Sulfate	µg/L	200,000	400,000	Proposed PDWS (EPA, 1990)
Sulfide	µg/L	8,350	16,700	EPA Method 9030
Sulfotepp	µg/L	81	162	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,4,5-T	µg/L	0.25	0.5	EPA Method 8150
2,3,7,8-TCDD	µg/L	0.007	0.014	Final PDWS (EPA, 2000a)
2,3,7,8-TCDF	µg/L	0.00425	0.0085	EPA Method 8280

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Technetium-99	µCi/mL	4.5E-07	9.0E-07	Interim Final PDWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	81	162	EPA Method 8270
Tetrachlorodibenzo-p-dioxins	µg/L	0.007	0.014	EPA Method 8280
Tetrachlorodibenzo-p-furans	µg/L	0.0055	0.011	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	10	20	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	50	100	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
2,3,4,6-Tetrachlorophenol	µg/L	83.5	167	EPA Method 8270
Thallium	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
Thallium, dissolved	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
Thallium, total recoverable	µg/L	1.0	2.0	Final PDWS (EPA, 2000a)
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, 2000a)
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, 2000a)
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, 2000a)
2,4,5-TP (Silvex)	µg/L	25	50	Final PDWS (EPA, 2000a)
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, 2000a)
1,1,1-Trichloroethane	µg/L	100	200	Final PDWS (EPA, 2000a)
1,1,2-Trichloroethane	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
Trichloroethylene	µg/L	2.5	5.0	Final PDWS (EPA, 2000a)
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, 2000a)
Turbidity✠		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium alpha activity	µCi/mL	1.5E-08	3.0E-08	Proposed PDWS (EPA, 1991c)
Uranium, dissolved	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium, total recoverable	µg/L	10	20	Proposed PDWS (EPA, 1991c)
Uranium-233/234✪	µCi/mL	6.9E-09	1.38E-08	Proposed PDWS (EPA, 1991c)
Uranium-234	µCi/mL	6.95E-09	1.39E-08	Proposed PDWS (EPA, 1991c)

Analyte	*Unit*	*Flag 1*	*Flag 2*	*Source†*
Uranium-235	µCi/mL	7.25E-09	1.45E-08	Proposed PDWS (EPA, 1991c)
Uranium-238	µCi/mL	7.3E-09	1.46E-08	Proposed PDWS (EPA, 1991c)
Vanadium	µg/L	66.5	133	EPA Method 6010
Vanadium, dissolved	µg/L	66.5	133	EPA Method 6010
Vanadium, total recoverable	µg/L	66.5	133	EPA Method 6010
Vinyl acetate	µg/L	50	100	EPA Method 8240
m/p-Xylene	µg/L	81	162	EPA Method 8260
o-Xylene	µg/L	5	10	EPA Method 8260
Xylenes	µg/L	5,000	10,000	Final PDWS (EPA, 2000a)
Yttrium-88	µCi/mL	5.0E-08	1.0E-07	EPA Method 901.1
Zinc	µg/L	2,500	5,000	SDWS (EPA, 2000b)
Zinc, dissolved	µg/L	2,500	5,000	SDWS (EPA, 2000b)
Zinc, total recoverable	µg/L	2,500	5,000	SDWS (EPA, 2000b)
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 fourth quarter 2000 follows:

Laboratory	***Number of Analyses***
EMAX Laboratories, Inc.	13,210
Environmental Physics	5,572
General Engineering Laboratories	7,178
General Engineering Mobile Laboratory	3,036
Recra LabNet Philadelphia	27,649
Thermo NUtech	2,217

ENVIRONMENTAL SCREENING

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

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

Environmental-Screening Constituents

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

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

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

Scheduling Based on Flagging Levels

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

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

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

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

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

- Specific conductance and pH, two indicator constituents, have flagging criteria but do not trigger the scheduling mechanism.

- No flags are set for the following indicator parameters and major cations: alkalinity, 5-day biochemical oxygen demand, calcium, carbonate, chemical oxygen demand, magnesium, potassium, silica, sodium, total dissolved solids, total phosphates (as P), and total phosphorus.

- Aesthetic analyses such as color, odor, corrosivity, Eh, turbidity, and surfactants are not assigned flagging criteria but may be analyzed by special request.

- Common laboratory contaminants and cleaners including phthalates, dichloromethane (methylene chloride), ketones, and toluene are not assigned flagging criteria unless they have primary drinking water standards. These constituents may be analyzed by special request.

GCMS VOA ANALYSES

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

SAMPLING REQUESTS

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

Regulatory Requirements

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

Changes in Sampling

For changes in sampling for fourth quarter 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 fourth quarter 2000:

- A- and M-Area
- F- and H-Area Seepage Basins
- F- and H-Area Water Treatment Unit Injection Tanks
- F- and H-Area Water Treatment unit Extraction Tank
- 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 for sampling during fourth quarter 2000:

- C-Area Burning/Rubble Pit
- D-Area Oil Seepage Basin
- K-Area Disassembly Basin
- L-Area Disassembly Basin
- Miscellaneous Chemical Basin
- R-Area Burning/Rubble Pits
- R-Area Reactor Seepage Basin
- Road A Chemical Basin
- Silverton Road Waste Site
- TNX Area

MAINTENANCE, ACCESS, OR OTHER PROBLEMS

The following wells were not sampled for environmental screening:

ASB 1A, 3AR, 6A; CMP 8, 10D, 11D; CSD 8D; CSO 1; CSR 2D, 5D, 6D; DCB 4A, 5A, 6, 8, 10 12, 13, 15, 16R; FCA 2D; HAP 2; HCA 1, 2, 3, 4, 4A, 4AA, 4B, 4C; HCB 1, 2, 3, 4; HET 1D, 2D, 3D, 4D; HHP 1D, 2D; HR3 14DU, 15DU; HR8 12, 13; HWP 2D; HWS 1A, 2; KAB 2, 4; KBP 1D, 2D; KRB 16D, 17D, 19D; KSM 1D; KSB 5D; LAC 2, 3; LBP 1D, 2D, 3D; LRP 1, 2, 3, 4; NBG 1, 2, 3, 4, 5; P 29D; PBP 1D, 2D, 3D; PCB 1A, 2A, 3A, 4A; PDB 2, 3, 4, 5; PRP 1A, 3, 4; PSB 1A, 2A, 3A, 4A, 5A, 6A, 7A; RBP 1D, 2D, 3D; SBG 2, 3, 6; SCA 1, 2, 3, 3A, 4, 4A, 5, 6; SLP 1, 2; and YSC 2D

Wells FBP 2A and FCB 2 were not sampled due to broken pumps.

Wells ABP 9B and SRW 19 were not sampled due to mechanical problems.

Well TNX 35D was not sampled due to high turbidity.

Well MSB 14C was not sampled because it needed redevelopment.

Wells BGO 53D; BSW 2C3, 3C2, 3C3, 3D1, 6D1, 7D1; and FAL 4D were not sampled, but no reason was given.

DRY WELLS

The following wells were not sampled because they were dry during fourth quarter 2000:

AMB 6; BGO 40D; BSE 1C2, 1C4, 1D1, 1D2, 1D3, 2C1, 2C2, 2C3, 2C4, 3C1, 3C2, 3C3, 3C4, 3D1, 3D2, 3D3; BSW 2D1, 3C1, 4D1, 6D2; CRP 3D (December event); FAL 2; FBP 6D; FSB106D; HSB113D; MCB 11D; MSB 8A; RPC 4DU, 6DU, 8DU, 10DU; and RSE 7, 10.

NEW WELLS

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

BSW 1C1, 1C2, 1C3, 1C4, 1D1, 1D2, 1D3, 2C1, 2C2, 2C3, 2D1, 2D2, 2D3, 3C1, 3C2, 3C3, 3C4, 3D1, 3D2, 4C1, 4C2, 4C3, 4D1, 4D2, 4D3, 5C1, 5C2, 5C3, 5C4, 5D1, 5D2, 5D3, 6C1, 6C2, 6C3, 6C4, 6D1, 6D2, 6D3, 7C1, 7C2, 7C3, 7C4, 7D1, 7D2, 7D3, 8C1, 8C2, 8C3, 8C4, 8D1, 8D2, 8D3; RPC 3DL, 4DL, 5DL, 6DL, 7DL, 7DU, 9DL, 9DU, 11DM, 13DU, 14DU; and RRP 5D, 6D, 7D.

Field Notes

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

EPD/EMS personnel and RCS Corporation of Aiken, SC, performed well visitations during fourth quarter 2000. Each sampler maintained a field notebook. These notebooks are in the fourth quarter 2000 section of the EPD/EMS Groundwater Monitoring Library. All well visitations were routine during fourth 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 fourth quarter 2000 were pumped. Bailed wells are listed in table 77 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 also in the **Analytical Results** section.

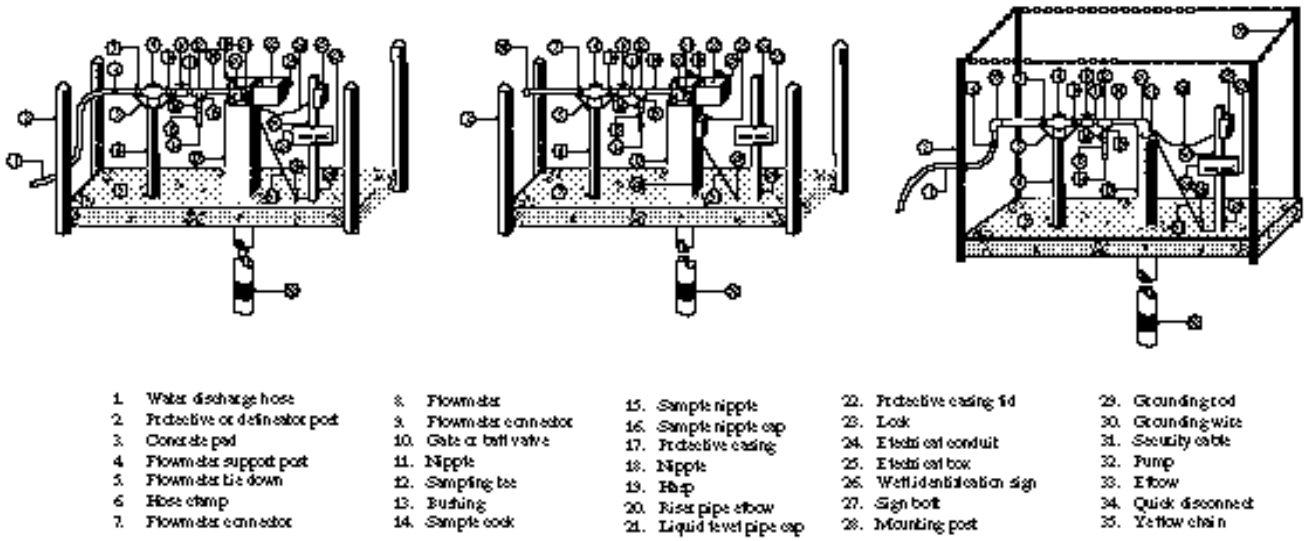

Figure 3. Three Types of Groundwater Monitoring Wellheads

Table 3. Comments from the Field Data

Well	Date	Comments
ABP Series		
ABP 8C	12/12/00	Purged through sample port
ABP 9B	12/14/00	Under current
ABP 10D	11/01/00	Purge through port 7 gal
ACB Series		
ACB 2A	10/24/00	Equipment failure
ACB 3A	10/24/00	High turbidity; purged 11 gal through sample port; tubing cracked
AMB Series		
AMB 6	10/24/00	No water to surface; dry well
AMB 7	11/01/00	Purged through port
AOB Series		
AOB 1	10/17/00	No water in standpipe
AOB 3	10/17/00	Pumped dry
	10/18/00	Sampled after recovery
BGO Series		
BGO 1D	12/05/00	Dry after 13 gal; dirty/red water; flow slowed and not registering on meter; purged through sample port
	12/06/00	Purged through port; sampled after recovery
BGO 2D	12/08/00	Flowmeter not operating
BGO 3A	12/08/00	Purged through sample port
BGO 3C	12/08/00	Purged through sample port
BGO 3DR	11/08/00	Broken
	11/09/00	Broken; variable box overload during sampling
	11/15/00	Overloaded variable box
	11/16/00	Pump inoperable
BGO 4D	12/16/00	No water in standpipe; purged through sample port
BGO 5D	12/18/00	Pumped dry; sampled after recovery
BGO 6D	11/02/00	Purged through sample port
BGO 8AR	12/18/00	Not enough water to reach surface
	12/22/00	High turbidity; sand
BGO 9AA	11/02/00	Pumped dry; high pH; purged through sample port; sampled after recovery
BGO 10B	11/02/00	Dry after 92 gal; pump is surging, keeps slowing itself down; aerated; sampled after recovery
BGO 10C	12/01/00	Dry after 32 gal; sampled after recovery
BGO 10DR	12/01/00	Dry after 3 gal; sampled after recovery
BGO 12CX	11/28/00	Purged through sample port
BGO 12DR	12/15/00	Purged through port due to low volume for purge
BGO 13DR	12/15/00	Pumped dry; sampled after recovery
BGO 16D	11/01/00	Dry after 1 gal
	11/02/00	Sampled after recovery
BGO 17DR	11/02/00	Dry after 14 gal; sampled after recovery
BGO 20A	11/10/00	Pumped dry
	11/13/00	Variable box overload
	12/18/00	Variable box overloaded
	12/21/00	Flowmeter not working; purged 5 gal through port
BGO 21D	11/13/00	Dry after 7 gal; sampled after recovery;
BGO 24D	11/13/00	Dry after 3 gal
	11/14/00	Sampled after recovery
BGO 25A	11/08/00	Surging; well cap loose; do not have proper replacement, therefore air in standpipe causing surges; purged through port
BGO 26A	11/28/00	Dry after 33 gal; sampled after recovery

Well	Date	Comments
BGO 26D	11/06/00	Dry after 6 gal; sampled after recovery
BGO 27D	11/14/00	Dry after 8 gal
	12/16/00	Pumped dry
	12/17/00	Dry after 1 gal; sampled after recovery
BGO 28D	11/08/00	Dry after 6 gal; purged after recovery
BGO 29A	11/13/00	Dry after 41 gal; sampled after recovery
BGO 29D	11/13/00	Dry after 5 gal; sampled after recovery
BGO 30C	11/06/00	Dry after 41 gal; sampled after recovery
BGO 31C	11/15/00	Flowmeter leaking at bottom
BGO 31D	12/01/00	Pumped dry
	12/16/00	Pumped dry
	12/17/00	Sampled after recovery
BGO 32D	12/17/00	Dry after 11 gal; dirty water
	12/18/00	Sample port broken; pipes frozen; sampled after recovery
BGO 33D	11/14/00	Dry after 8 gal
	12/16/00	Pumped dry
	12/17/00	Sampled after recovery
BGO 34D	12/16/00	Pumped dry
	12/18/00	Pumped dry
	12/19/00	Sampled after recovery
BGO 35D	12/16/00	Pumped dry
	12/19/00	Sampled after recovery
BGO 36D	11/13/00	Flowmeter not operating
BGO 37D	12/16/00	Pumped dry
	12/18/00	Pumped dry
	12/19/00	Pumped dry
	12/20/00	Sampled after recovery
BGO 38D	11/10/00	Dirty water; flow slowed; purged through port in 5-gal bucket
BGO 39A	11/13/00	Dry after 15 gal
BGO 39D	11/13/00	Dry after 5 gal
	12/06/00	Dry after 6 gal
	12/07/00	Sampled after recovery
BGO 40D	11/13/00	Not enough water to sample; water level came up to 70.4 ft.
BGO 41A	12/18/00	Dry after 19 gal; sampled after recovery
	12/21/00	Connection lost temporarily; re-established connection
BGO 42C	12/18/00	Well was not sampled due to physical problem
BGO 43A	11/07/00	Dry after 15 gal; high conductivity, purged through port; sampled after recovery
BGO 43CR	11/07/00	Dry after 21 gal; pump surging; purged 5 gal through port; sampled after recovery
BGO 43D	11/07/00	pH jumping
BGO 44B	12/15/00	Dry after 35 gal; sampled after recovery
BGO 44C	11/08/00	Dry after 7 gal; surging; purged through port; sampled after recovery
	12/15/00	Dry after 14 gal
	12/16/00	Sampled after recovery
BGO 44D	11/08/00	No water in standpipe
BGO 45A	11/13/00	Flowmeter not operating
BGO 45B	12/15/00	Dry after 48 gal; sampled after recovery; surging
BGO 45C	12/15/00	Dry after 20 gal; sampled after recovery
BGO 45D	12/15/00	Flowmeter sticking at low speeds; purged 5 gal through port
BGO 47D	11/09/00	Well was not sampled; still set up for purge water management
BGO 49A	11/10/00	Pumped dry after 51 gallons; 5-gal bucket, purged through port; sampled after recovery
BGO 49D	11/10/00	Flowmeter quit working; purged through port; aerated
BGO 50A	11/09/00	Pumped dry
	11/10/00	Sampled after recovery
BGO 51AA	12/16/00	Major overload flashing on box; pump or electrical failure

Well	Date	Comments
BGO 51D	12/16/00	Purged through port due to low purge volume
	12/19/00	Dry after 2 gal; sampled after recovery
BGO 52D	12/16/00	Dry after 2 gal; sampled after recovery; not all samples collected
BGO 53B	12/16/00	Electrical voltage overload
BGO 53C	11/01/00	Purged through sample port; cracked pipe
BGO 53D	12/21/00	Cloudy water; flowmeter stuck, probably frozen; purged through port
	12/28/00	No water to surface; pump is operational
BGX Series		
BGX 1A	11/01/00	Dry after 17 gal
	11/02/00	Sampled after recovery
BGX 1C	11/01/00	Purged through sample port
BGX 1D	12/06/00	Dry after 1 gal
	12/07/00	Sampled after recovery
BGX 2B	12/07/00	Dry after 78 gal; aerated; purged through port; sampled after recovery
BGX 3D	10/18/00	Piping leaks
	11/08/00	Leaking pipes
BGX 4A	10/31/00	High turbidity
BGX 4C	10/31/00	Flowmeter broken and sticking; purged into 5 gal bucket
BGX 4D	10/31/00	Dirty water
BGX 6D	12/07/00	Flowmeter sticks; purged through port
BGX 9D	12/17/00	Purged through sample port
BGX 10D	12/18/00	Purged through sample port
BGX 11D	12/16/00	Pumped dry
BGX 12D	12/05/00	Dry after 3 gal
	12/18/00	Purged through sample port
BRD Series		
BRD 4	11/02/00	Flowmeter not working; estimated flow rate into 5-gal bucket
BSE Series		
BSE 1C2	12/31/00	No water level but tape was wet at 57 ft; no water to surface; dry well
BSE 1C3	12/31/00	All of sample not taken
BSE 1D1	12/31/00	Not enough water to sample
BSE 1D2	12/31/00	Not enough water to sample
BSE 1D3	12/31/00	Not enough water to sample
BSE 3D1	12/30/00	Not enough water to sample
BSE 3D2	12/30/00	Not enough water to sample
BSW Series		
BSW 2D1	12/06/00	Dry well
BSW 2D2	12/06/00	High turbidity
BSW 2D3	12/06/00	High turbidity
BSW 3C1	12/27/00	Dry after 0.5 gal
BSW 3C4	12/30/00	High turbidity
BSW 4C2	12/30/00	High turbidity
BSW 4D1	12/27/00	Would not produce water
BSW 4D2	12/27/00	High turbidity
BSW 4D3	12/27/00	High turbidity
BSW 5C1	12/20/00	High turbidity
BSW 5C3	12/21/00	High turbidity
BSW 5C4	12/21/00	High turbidity
BSW 5D1	12/20/00	High turbidity
BSW 5D2	12/21/00	High turbidity

Well	Date	Comments
BSW 5D3	12/21/00	High turbidity
BSW 6C1	12/08/00	High turbidity
BSW 6C2	12/08/00	High turbidity
BSW 6D2	12/14/00	Well is dry
BSW 7C1	12/29/00	High turbidity
BSW 7C2	12/29/00	High turbidity
BSW 7C3	12/29/00	High turbidity
BSW 7C4	12/30/00	High turbidity
BSW 8C3	12/23/00	Water too muddy for alkalinity reading; turbidity greater than 1,000 NTU
BSW 8C4	12/23/00	Water too muddy for alkalinity reading; turbidity greater than 1,000 NTU
CRP Series		
CRP 3C	12/07/00	Purged through sample port
CRP 3D	11/16/00	Dry after 1 gal
	12/04/00	Dry after 1 gal; sampled after recovery
CRP 5D	12/04/00	Pumped dry
CRP 11D	11/16/00	Purged through sample port due to high turbidity
CRP 17DU	11/16/00	Dry after 1 gal
	11/20/00	Dry after 13 gallons; high turbidity; sampled after recovery
	12/07/00	Dry after 1 gal; purged through sample port; sampled after recovery
DOB Series		
DOB 3	12/15/00	Flowmeter not operating
FAB Series		
FAB 1	10/20/00	Pumped dry
	10/23/00	Pumped dry; sampled after recovery
FAL Series		
FAL 1	10/31/00	3 gallons through sample port
FAL 2	10/31/00	No water to surface; dry well
FBP Series		
FBP 2A	10/23/00	Broken pump
FBP 5D	10/24/00	No water in standpipe
FBP 6D	10/24/00	Not enough water to surface
FCA Series		
FCA 19D	10/31/00	5 gallons through sample port
FCB Series		
FCB 2	10/23/00	Broken pump
FCB 4	10/31/00	Purged through sample port
FCB 5	10/23/00	Flowmeter not operating correctly
FEX Series		
FEX 1TK	12/12/00	Well is continuously pumping
FIN Series		
FIN 2TK	10/10/00	Well is continuously pumping
	11/14/00	Well is continuously pumping
	12/12/00	Well is continuously pumping
FSB Series		
FSB 78C	10/06/00	Dry after 41 gal

Well	Date	Comments
	10/09/00	Dry after 33 gal; sampled after recovery
FSB 90D	10/09/00	Dry after 6 gal; sampled after recovery; no water in standpipe
FSB 92C	10/05/00	Dry after 41 gal; sampled after recovery
FSB 93D	10/09/00	Dry after 4 gal; sampled after recovery
FSB 94C	10/09/00	Dry after 26 gal
	10/10/00	Sampled after recovery
FSB 97C	10/05/00	Dry after 53 gal; sampled after recovery
	10/04/00	Dry after 8 gal
FSB 97D	10/05/00	Sampled after recovery
FSB 98D	10/04/00	Dry after 10 gal
FSB106C	10/24/00	Both sides of valve leaking; riser elbow pipe leaks both ends
FSB106D	10/04/00	No water in standpipe; no water to surface; dry well
FSB107D	10/30/00	Metals were pulled at 65 NTU; well began with high turbidity
FSB108D	10/04/00	No power to pump
	10/18/00	Flowmeter sticking; 10 gal. purge through port; pump slow; surges and stops
FSB112D	10/24/00	5 leaks inside casing each side
FSB113A	10/04/00	Dry after 40 gal; sampled after recovery
FSB117D	10/24/00	Leaks both sides of tee
FSB119D	10/04/00	Trips breaker
FSB120A	10/09/00	Pumped dry
	10/10/01	Sampled after recovery
FSB120D	10/09/00	Pumped dry
	10/10/00	Sampled after recovery
FSL Series		
FSL 1D	10/20/00	Dry after 5 gal; sampled after recovery
FSL 2D	10/09/00	Flowmeter not working
FSL 3D	10/09/00	Pumped dry; sampled after recovery
FSL 4D	10/09/00	Water rose to 34.10 ft. in the standpipe, but proceeded no farther
FSL 7D	10/05/00	Dry after 1 gal
	10/06/00	Sampled after recovery
FSS Series		
FSS 1D	12/01/00	Dry after 4 gal; purged2 gal through port
	12/04/00	Flowmeter not working because of temperature; purged through port; pumped dry
	12/05/00	Sampled after recovery
FSS 2D	12/01/00	Dirty water; dry after 17 gal; purge tube snapped in cold; purged through port
	12/04/00	Dry after 13 gal; sampled after recovery
FSS 3D	12/01/00	Dry after 13 gal
	12/04/00	Pump not pulling water; flowmeter not working
	12/05/00	Flowmeter not working
FSS 4D	12/01/00	Red and dirty water; leaking heavily at flowmeter; purged 5 gal through port
HAA Series		
HAA 3D	10/26/00	Pumped dry
	10/27/00	Pumped dry
	10/31/00	Very dirty water; purged through port; operator error
HEX Series		
HEX500TK	12/12/00	Well is continuously pumping

Well	Date	Comments
HIN Series		
HIN600TK	10/10/00	Well is continuously pumping
	11/14/00	Well is continuously pumping
	12/12/00	Well is continuously pumping
HMD Series		
HMD 1D	11/30/00	Dry after 4 gal; sampled after recovery
HMD 4D	12/15/00	Dry after 3 gal
	12/16/00	Sampled after recovery
HSB Series		
HSB 66	10/11/00	Pump is inoperable
	10/17/00	Flowmeter not operating
HSB 68	10/16/00	Dry after 3 gal; sampled after recovery
HSB 68C	10/09/00	Pumped dry
	10/10/00	Sampled after recovery
HSB 70C	10/18/00	Dry after 21 gal; sampled after recovery
HSB 84B	10/11/00	Pump surging
HSB 84C	10/11/00	Pumped dry; sampled after recovery
HSB 85A	12/04/00	Generator only taking one well at a time
HSB 85B	10/11/00	Pumped dry; sampled after recovery
	12/04/00	Electrical short, no current
	12/13/00	Dry after 43 gal; slowed down, not registering in flowmeter
	12/14/00	Sampled after recovery
HSB 85C	12/04/00	Flowmeter broken; purged through port; sample port broken off
HSB 86D	10/25/00	Elbow leaks at end
HSB102D	10/11/00	Dry after 11 gal; sampled after recovery
HSB109C	10/12/00	Hinge broken
HSB111C	10/12/00	Well was not sampled because of a physical reason
HSB112E	10/12/00	High voltage on variable box
	10/17/00	Variable speed box not working
	10/23/00	Pumped dry
	10/24/00	Purged through sample port; sampled after recovery
HSB113D	10/11/00	Well is dry
HSB116D	10/11/00	Pumped dry; sampled after recovery
HSB117C	10/23/00	No power to pump
HSB123A	10/12/00	Dry after 29 gal; sampled after recovery
HSB125D	10/16/00	Generator not functioning with variable speedbox; unable to collect samples
HSB126D	10/16/00	Dry after 14 gal; sampled after recovery
HSB133D	10/13/00	No samples taken due to high turbidity; purged through sample port; 5 gal through port
HSB135C	10/13/00	Dirty water
HSB138D	10/13/00	Some surging initially; flowmeter sticking at low volume
HSB139C	10/23/00	Dry after 32 gal; sampled after recovery
HSB142D	10/16/00	Flowmeter not operating; pumped dry
	10/17/00	Sampled after recovery
	12/19/00	Dry after 14 gal; sampled after recovery; surging; purged through port
HSB144A	10/16/00	Sample cock broke
HSB147D	10/17/00	No water in standpipe
HSB150D	10/16/00	Water was not coming out enough to go through flowmeter, had to purge 25 gal through sample cock
HSB151C	10/16/00	Not sampled due to generator failure / time constraints; will revisit 10/17/00
HSB151D	12/19/00	Purged through sample port
HSB152D	10/17/00	Dry after 4 gal; sampled after recovery

Well	Date	Comments
HSL Series		
HSL 3D	10/18/00	Variable speed; no box available
	10/23/00	Dry after 3 gal; dirty water
	10/24/00	High turbidity; sampled after recovery
HSL 8A	10/18/00	Pumped dry
HSL 8D	10/18/00	Pumped dry
	10/19/00	Sampled after recovery
KDB Series		
KDB 1	10/19/00	Dry after 13 gal; sampled after recovery
	11/28/00	Trips breaker on generator
	11/29/00	Dry after 10 gal; 5 gallons through sample port; sampled after recovery
	12/29/00	Flowmeter broken; sampled after recovery
KDB 3	10/19/00	10 gal added through sample port
	11/28/00	3 gal through sample port
	12/29/00	5 gal through sample port
KDB 4	10/19/00	No water in standpipe; sampled after recovery
	11/28/00	Dry after 2 gal; no water in standpipe; sampled after recovery
	12/29/00	Dry after 2 gal; no water in standpipe; high turbidity; water was very aerated; sampled after recovery
KDB 5	10/19/00	Dry after 4 gal; sampled after recovery; 5 gal purged via sample port
	11/28/00	Dry after 15 gal; sampled after recovery; 7 gal through sample port
	12/29/00	Dry after 7 gal; flowmeter frozen
	12/30/00	Sampled after recovery
LAW Series		
LAW 2C	12/06/00	Leaking at flowmeter
LDB Series		
LDB 1	10/20/00	4 gal purged; support batteries at turbiazometer not working correctly through sample port
	11/29/00	Dry after 23 gal; sampled after recovery; 5 gal purged through sample port
	12/29/00	13 gal via sample port
LDB 2	10/20/00	Dry after 20 gal; sampled after recovery
	11/29/00	21 gal through sample port
	12/29/00	Dry after 9 gal; sampled after recovery
LDB 4	10/20/00	No water in standpipe; 4 gal through sample port
	11/29/00	Dry after 2 gal; sampled after recovery; 5 gal through sample port; no water in standpipe
	12/29/00	Dry after 2 gal; sampled after recovery; no water in standpipe; 5 gal via sample port
LFW Series		
LFW 36R	11/02/00	Flowmeter not operating
LFW 47C	11/06/00	Lock rusted up, needs to be replaced
LFW 47D	11/06/00	Purged through port—flowmeter not working at low rates
LFW 61D	11/02/00	Pump not operating
LFW 63B	11/06/00	Equipment failure; generator ran out of gas
LFW 63D	11/02/00	Flowmeter not operating
LFW 64D	11/02/00	Flowmeter not operating
LFW 67C	11/06/00	Flowmeter inoperative
LFW 69C	11/06/00	Variable box failure
LFW 69D	11/02/00	Flowmeter not operating
LFW 71D	11/06/00	No current; variable box goes too low, 200's then flashes
	11/28/00	Flowmeter not operating

Well	Date	Comments
LFW 76	10/02/00	Pumped dry; sampled after recovery; high turbidity
MCB Series		
MCB 5C	12/12/00	Flowmeter not operating
MCB 6	11/01/00	Pumped dry; delayed start, overheated generator; purged through port
MCB 7C	12/14/00	Dry after 10 gal; sampled after recovery
MCB 11D	12/14/00	No water to surface
MCB 13C	12/14/00	Flowmeter not operating
MCB 14B	12/14/00	Flowmeter not operating
MSB Series		
MSB 5A	10/23/00	No water in standpipe
MSB 7A	10/19/00	Dirty water; flowmeter not working; purged through sample port
MSB 8A	10/23/00	No water in standpipe; dry well
MSB 13D	10/23/00	Dry after 20 gal
	10/24/00	Dry after 11 gal; sampled after recovery
MSB 14C	10/23/00	Mechanical failure; well will be redeveloped
MSB 18C	12/14/00	Bad odor; slow, flow barely registering on meter; purged through port
MSB 29TA	10/19/00	Leaky pipe
MSB 58D	10/23/00	Sampled after recovery
MSB 62D	10/24/00	Dry after 6 gal
	10/25/00	Sampled after recovery
MSB 63D	10/24/00	Purged through sample port due to high turbidity
MSB 73B	12/12/00	Flowmeter not operating
MSB 82A	10/30/00	Dry after 55 gal; sampled after recovery
MSB 84A	10/23/00	Pumped dry; flow too slight to activate through flowmeter; purged through sample port
	10/24/00	Pumped dry; no measurable water depth; no water in standpipe
RPC Series		
RPC 3DL	10/25/00	Unable to sample due to mechanical problem
RPC 3DU	10/25/00	Dry well
	10/27/00	Dry well
RPC 4DL	10/25/00	Variable box overload
RPC 4DU	10/25/00	Dry well; pump needs maintenance
RPC 5DL	10/25/00	Electrical failure
	10/27/00	Purged 2.5 gal through port; no flowmeter
RPC 5DU	10/25/00	Dry after 1 gal
	10/26/00	Sampled after recovery
RPC 6DL	10/25/00	Unable to sample due to electrical problem, no power plug
RPC 6DU	10/25/00	No water to surface
	10/27/00	Pump not working
	10/31/00	Not enough water to sample
RPC 7DL	10/30/00	Surging; purged 4 gal through sample port
RPC 7DU	10/27/00	Pumped dry while trying to lower turbidity
	10/30/00	Dry after 5 gal
	10/31/00	Sampled after recovery
RPC 8DU	10/30/00	Dry well; air only coming out of pump
RPC 9DU	10/30/00	Sampled after recovery; overheated generator; plug disconnected from wiring
RPC 10DL	10/31/00	Flowmeter not operating
RPC 10DU	10/31/00	Dry well
RPC 11DU	11/06/00	Dry after 6 gal
	11/07/00	Dry after 5 gal; sampled after recovery
RPC 14DU	11/06/00	Dry after 7 gal
	11/07/00	Sampled after recovery

Well	Date	Comments
	12/11/00	Dry after 9 gal; dirty/clay red water; water turned to clay/red before sample could be pulled out
	12/12/00	Dry after 3 gal; very dirty water; purged through port
	12/13/00	High turbidity; sampled after recovery
RSD Series		
RSD 2C	11/30/00	Dry after 4 gal
RSD 3	11/06/00	Pumped dry
	12/12/00	Dry after 13 gal; purged through port; sampled after recovery
RSE Series		
RSE 7	10/30/00	No water in standpipe; dry well
RSE 10	11/30/00	Dry well
RSF Series		
RSF 1	11/07/00	Hand pump; estimated volume in 5 gal bucket
RSF 3	11/06/00	Dry after 45 gal
	11/07/00	Sampled after recovery
RWM Series		
RWM 1	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 3	11/08/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 4	11/08/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 5	11/08/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 6	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 7	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 8	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 9	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 10	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 11	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 12	10/05/00	Well is continuously pumping
	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 13B	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 13C	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 14B	10/05/00	Well is continuously pumping
	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 14C	10/05/00	Well is continuously pumping
	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 15B	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 17B	10/09/00	Well is continuously pumping
	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
RWM 17D	10/09/00	Well is continuously pumping

Well	*Date*	*Comments*
	11/07/00	Well is continuously pumping
	12/11/00	Well is continuously pumping
SRW Series		
SRW 4	11/20/00	No water in standpipe; well is dry
SRW 7	11/20/00	Flowmeter broken; purged into 5-gal bucket
SRW 19	11/20/00	Unable to sample due to physical problem
TBG Series		
TBG 1	12/05/00	Purged through sample port
TBG 3	12/05/00	Purged through sample port
TBG 7	11/16/00	Flowmeter not operating
TCM Series		
TCM 7	12/13/00	High turbidity
TNX Series		
TNX 1D	11/22/00	Flowmeter not working
TNX 2D	11/16/00	Dry after 6 gal; sampled after recovery
TNX 3D	11/15/00	Flowmeter not operating
TNX 4D	11/16/00	Dry after 5 gal; sampled after recovery
TNX 5D	11/16/00	Dry after 2 gal; sampled after recovery
TNX 6D	11/16/00	Dry after 3 gal
	11/17/00	Sampled after recovery
TNX 7D	11/16/00	Dry after 20 gal
	11/17/00	Sampled after recovery
TNX 24D	11/22/00	Field parameters only; instruments not coming on due to cold temperature
TNX 35D	11/29/00	High turbidity
	12/13/00	High turbidity
TRW Series		
TRW 1	11/14/00	Well is continuously pumping
TRW 2	11/14/00	Well is continuously pumping
TRW 3	11/14/00	Well is continuously pumping
TRW 4	11/14/00	Well is continuously pumping

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:

- Microseeps, Inc. (MS), of Pittsburgh, PA, performed several screening level analyses for the C-Area Burning Rubble Pit, D-Area Oil Seepage Basin, and Miscellaneous Chemical Basin sampling projects; 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. ML conducted gross alpha, nonvolatile beta, and tritium 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 *I* indicates that a sample's matrix spike recovery was not within control limits.

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

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

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

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

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

Review of the Analytical Narratives

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

Review of EX’s Analytical Data

A technical review of the quarter’s analytical data identified 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 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 5 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 6 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 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 no reported results as low compared with historical data.

Review of EM'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 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 8 as high compared with historical data. A review of the laboratory records did not reveal any problems other than those listed below.

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

Results for several wells were rejected due to low abundance for actinium-228, bismuth-214, europium-154, lead-212, potassium-40, thorium-232, and zirconium-95. Results for at least one well were rejected for curium-245-246 due to americium-243 tracer taildown.

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 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.

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 11 as high as compared with historical data. A review of the laboratory records did not reveal any problems with the analyses.

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

ANALYTICAL METHODS

Sample analyses performed for EPD/EMS during fourth quarter 2000 were conducted using EPA and other methods as noted in tables 12–17 at the end of this section. EX, GE, and WA performed most of the analyses conducted during the quarter. Their methods and estimated quantitation limits (EQLs) are listed in table 12 for EX, table 13 for GE, and table 14 for WA.

GP, ML, and TM performed the radionuclide analyses during fourth quarter 2000. Radionuclide methods generally are modified by the laboratories performing the analyses. Their methods and EQLs are listed in table 15 for GP, table 16 for ML, and table 17 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. EX Samples with High Analytical Results as Compared to Historical Data

Analyte	***Well(s)***
Aluminum	SRW 5‡TNX 9D†
Carbon tetrachloride	CRP 3D†
Chloroform	CRP 3D†
Iron	TBG 7
Lead	LFW 68C; SRW 5
Mercury	LFW 6R
Tetrachloroethylene	ARP 1A; CRP 3D†
1,1,1-Trichloroethane	CRP 3D†
Trichloroethylene	MSB 73B

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

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

Analyte	***Well(s)***
Aluminum	FSB 99C; FSL 1D
Cadmium	FSB 78B
Lead	FSB 77, 89D, 92D; FSL 6D
Mercury	HSB 65A, 65B, 69A, 70, 71C, 111E, 151C

Table 6. GE Samples with Low Analytical Results as Compared to Historical Data

Analyte	***Well(s)***
Cadium	FSB 91D
pH	HSB114D, 117C, 120C
Specific conductance	FSB 79A; HSB129C, 136C, 139C

Table 7. WA Samples with High Analytical Results as Compared to Historical Data

Analyte	Well(s)
Alkalinity (as $CaCO_3$)	BGO 6D, 43D; BGX 2D; HSB 85C
Barium	BGO 3A, 35C
Copper	BGO 52A; HSB 85C
1,1-Dichloroethane	BGO 31D
trans-1,2-Dichloroethylene	BGO 37C
Dichloromethane (Methylene chloride)	BGO 11DR, 16AR, 33D, 37C
Iron, dissolved	BGO 29C
Lead	BGO 52A
Nitrate nitrite as nitrogen	HSB122A, 139A
Sulfate	BGO 35C; FSS 1D
Total dissolved solids	BGO 3C, 8D, 10DR, 49C; BGX 6D
Trichloroethylene	BGO 31D
Trichlorofluromethane	BGO 2D
Zinc	BGO 34D, 52A

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

Analyte	Well(s)
Carbon-14	BGO 10DR
Gross alpha	FSB 76B; HSB 126D, 134C; RPC 8DL†
Nonvolatile beta	FSB 76B, 120C; HSB 71, 134C; RPC 8DL†
Strontium-90	BGO 46D, 48C, 48D
Tritium	FSB 87A, 88C, 107D; HSB 84D, 138D

† 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 9. GP Samples with Low Analytical Results as Compared to Historical Data

Analyte	Well(s)
Tritium	HSB 71

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

Analyte	Well(s)
Gross alpha	LFW 67B
Tritium	LFW 6R, 63B, 71C

Table 11. TM Samples with High Analytical Results as Compared to Historical Data

Analyte	Well(s)
Gross alpha	BGO 20AA

Analyte	Well(s)
Nonvolatile beta	BGO 20AA, 45C, 53C; RSF 2
Total alpha-emitting radium	BGO 2D, 4D, 10AR, 10DR, 12AX, 12CX, 14DR, 19DR, 20AA, 27D, 33C, 37C, 37D, 49C, 51C, 52AA, 53B; FSS 3D, 4D; HMD 3D
Tritium	BGO 31D, 32D, 43AA, 53AA, 53B; BGX 12D; HSB151C

Table 12. 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
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	5.0/2,500
alpha-Benzene hexachloride	µg/L	EPA8081A	0.1
beta-Benzene hexachloride	µg/L	EPA8081A	0.1
delta-Benzene hexachloride	µg/L	EPA8081A	0.1
Benzidine	µg/L	EPA8270C	10.0
Benzo[*a*]anthracene	µg/L	EPA8270C	10.0
Benzo[*b*]fluoranthene	µg/L	EPA8270C	10.0
Benzo[*k*]fluoranthene	µg/L	EPA8270C	10.0
Benzo[*g,h,i*]perylene	µg/L	EPA8270C	10.0
Benzo[*a*]pyrene	µg/L	EPA8270C	10.0
Beryllium	µg/L	EPA6010B	1.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	10.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	10.0
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	10.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	10.0
Boron	µg/L	EPA6010B	100
Bromochloromethane	µg/L	EPA8260B	5.0
Bromodichloromethane	µg/L	EPA8260B	5.0/2,500
Bromoform	µg/L	EPA8260B	5.0/2,500
Bromomethane	µg/L	EPA8260B	5.0/2,500
4-Bromophenyl phenyl ether	µg/L	EPA8270C	10.0
Butylbenzyl phthalate	µg/L	EPA8270C	10.0
Cadmium	µg/L	EPA6010B	10.0
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	5.0/2,500
	µg/L	EPA8021B	1.0/100
alpha-Chlordane	µg/L	EPA8081A	0.1
gamma-Chlordane	µg/L	EPA8081A	0.1
Chlorobenzene	µg/L	EPA8260B	5.0/2,500
4-Chloro-m-cresol	µg/L	EPA8270C	10.0
Chloroethane	µg/L	EPA8260B	5.0/2,500
Chloroethene	µg/L	EPA8260B	5.0/2,500
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/2,500
Chloroform	µg/L	EPA8260B	5.0/2,500
	µg/L	EPA8021B	1.0/100
Chloromethane	µg/L	EPA8260B	5.0/2,500
2-Chloronaphthalene	µg/L	EPA8270C	10.0

Analyte	Unit	Method	Minimum/Maximum EQLs
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	5.0/2,500
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
Dichlorodifluoromethane	µg/L	EPA8260B	5.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0/2,500
1,2-Dichloroethane	µg/L	EPA8260B	5.0/2,500
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/2,500
1,2-Dichloroethylene	µg/L	EPA8260B	5.0
cis-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/2,500
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/2,500
Dichloromethane	µg/L	EPA8260B	10.0/5,000
2,4-Dichlorophenol	µg/L	EPA8270C	10.0
1,2-Dichloropropane	µg/L	EPA8260B	5.0/2,500
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	5.0/2,500
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/2,500
Dieldrin	µg/L	EPA8081A	0.2
Diethyl phthalate	µg/L	EPA8270C	10.0
2,4-Dimethyl phenol	µg/L	EPA8270C	10.0
Dimethyl phthalate	µg/L	EPA8270C	10.0
2,4-Dinitrophenol	µg/L	EPA8270C	25.0
2,4-Dinitrotoluene	µg/L	EPA8270C	10.0
2,6-Dinitrotoluene	µg/L	EPA8270C	10.0
Di-n-octyl phthalate	µg/L	EPA8270C	10.0
1,4-Dioxane	µg/L	EPA8260B	500
1,2-Diphenylhydrazine	µg/L	EPA8270C	10.0
Endosulfan sulfate	µg/L	EPA8081A	0.2
Endosulfan I	µg/L	EPA8081A	0.1
Endosulfan II	µg/L	EPA8081A	0.2
Endrin	µg/L	EPA8081A	0.2
Endrin aldehyde	µg/L	EPA8081A	0.2
Ethyl methacrylate	µg/L	EPA8260B	5.0
Ethylbenzene	µg/L	EPA8260B	5.0/2,500
Fluoranthene	µg/L	EPA8270C	10.0
Fluorene	µg/L	EPA8270C	10.0
Heptachlor	µg/L	EPA8081A	0.1
Heptachlor epoxide	µg/L	EPA8081A	0.1
Hexachlorobenzene	µg/L	EPA8270C	10.0
Hexachlorobutadiene	µg/L	EPA8270C	10.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	10.0
Hexachloroethane	µg/L	EPA8270C	10.0
2-Hexanone	µg/L	EPA8260B	20.0

Analyte	*Unit*	*Method*	*Minimum/Maximum EQLs*
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
Lithium	µg/L	EPA7430	2.0/20.0
Manganese	µg/L	EPA6010B	10.0
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
Nitrate-nitrite as nitrogen	µg/L	EPA300.0	100/1,000
Nitrobenzene	µg/L	EPA8270C	10.0
2-Nitrophenol	µg/L	EPA8270C	10.0
4-Nitrophenol	µg/L	EPA8270C	25.0
N-Nitrosodimethylamine	µg/L	EPA8270C	25.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	10.0
N-Nitrosodipropylamine	µg/L	EPA8270C	10.0
PCB 1016	µg/L	EPA8082	1.0
PCB 1221	µg/L	EPA8082	1.0
PCB 1232	µg/L	EPA8082	1.0
PCB 1242	µg/L	EPA8082	2.0
PCB 1248	µg/L	EPA8082	1.0
PCB 1254	µg/L	EPA8082	1.0
PCB 1260	µg/L	EPA8082	1.0
Pentachloroethane	µg/L	EPA8260B	200
Pentachlorophenol	µg/L	EPA8270C	25.0
Phenanthrene	µg/L	EPA8270C	10.0
Phenol	µg/L	EPA8270C	10.0
Propionitrile	µg/L	EPA8260B	200
Pyrene	µg/L	EPA8270C	10.0
Selenium	µg/L	EPA6010B	10.0
Silver	µg/L	EPA6010B	20.0
Styrene	µg/L	EPA8260B	5.0
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0/2,500
Tetrachloroethylene	µg/L	EPA8260B	5.0/2,500
	µg/L	EPA8021B	1.0/5,000
Thallium	µg/L	EPA6010B	10.0
Toluene	µg/L	EPA8260B	5.0/2,500
Total organic carbon	µg/L	EPA9060	5,000
Toxaphene	µg/L	EPA8081A	2.0
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0/2,500
	µg/L	EPA8021B	1.0/100
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/2,500
Trichloroethylene	µg/L	EPA8260B	5.0/2,500
	µg/L	EPA8021B	1.0/5,000
Trichlorofluoromethane	µg/L	EPA8260B	5.0/2,500
2,4,6-Trichlorophenol	µg/L	EPA8270C	25.0
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0
Vinyl acetate	µg/L	EPA8260B	5.0
Xylenes	µg/L	EPA8260B	10.0
Zinc	µg/L	EPA6010B	20.0

Table 13. Methods and Estimated Quantitation Limits Used by GE

Analyte	Unit	Method	Minimum/Maximum EQLs
Acetone	µg/L	EPA8260B	5.0
Alkalinity (as $CaCO_3$)	meq/L	EPA310.1	1,000/2,000
Aluminum	µg/L	EPA6010B	50.0
	µg/L	EPA6020	15.0
Antimony	µg/L	EPA6010B	10.0
	µg/L	EPA6020	2.0
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
Beryllium	µg/L	EPA6020	0.2
	µg/L	EPA6010B	5.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	0.962/1.0
Boron	µg/L	EPA6010B	50.0
Bromodichloromethane	µg/L	EPA8260B	1.0
Bromoform	µg/L	EPA8260B	1.0
Bromomethane	µg/L	EPA8260B	1.0
Cadmium	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Calcium	µg/L	EPA6010B	100
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	1.0
Chloride	µg/L	EPA9056	100
Chlorobenzene	µg/L	EPA8260B	1.0
Chloroethane	µg/L	EPA8260B	1.0
Chloroethene	µg/L	EPA8260B	1.0
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0
Chloroform	µg/L	EPA8260B	1.0
Chloromethane	µg/L	EPA8260B	1.0
Chromium	µg/L	EPA6010B	5.0
	µg/L	EPA6020	3.0
Cobalt	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Copper	µg/L	EPA6010B	5.0
	µg/L	EPA6020	2.0
Cyanide	µg/L	EPA9012A	5.0
Dibromochloromethane	µg/L	EPA8260B	1.0
Dibromomethane	µg/L	EPA8260B	1.0
1,1-Dichloroethane	µg/L	EPA8260B	1.0
1,2-Dichloroethane	µg/L	EPA8260B	1.0
1,1-Dichloroethylene	µg/L	EPA8260B	1.0
1,2-Dichloroethylene	µg/L	EPA8260B	2.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0
Dichloromethane	µg/L	EPA8260B	5.0
1,2-Dichloropropane	µg/L	EPA8260B	1.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0
Ethylbenzene	µg/L	EPA8260B	1.0
Fluoride	µg/L	EPA9056	50.0
2-Hexanone	µg/L	EPA8260B	5.0
Iron	µg/L	EPA6010B	50.0
	µg/L	EPA6020	25.0
Lead	µg/L	EPA6010B	5.0
	µg/L	EPA6020	2.0
Lithium	µg/L	EPA6020	10.0
Magnesium	µg/L	EPA6010B	20.0
Manganese	µg/L	EPA6010B	10.0

Analyte	Unit	Method	Minimum/Maximum EQLs
Mercury	µg/L	EPA7470A	0.2/2.0
Methyl ethyl ketone	µg/L	EPA8260B	5.0
Methyl isobutyl ketone	µg/L	EPA8260B	5.0
Nickel	µg/L	EPA6010B	5.0
	µg/L	EPA6020	2.0
Nitrate-nitrite as nitrogen	µg/L	EPA353.1	50.0/10,000
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
pH	pH	EPA9040B	0.1
Phenols	µg/L	EPA9066	5.0
Potassium	µg/L	EPA6010B	100
Selenium	µg/L	EPA6010B	5.0
	µg/L	EPA6020	3.0
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
	µg/L	EPA300.0	200
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0
Tetrachloroethylene	µg/L	EPA8260B	1.0
Thallium	µg/L	EPA6020	0.5
	µg/L	EPA6010B	10.0
Tin	µg/L	EPA6010B	10.0
	µg/L	EPA6020	2.0
Toluene	µg/L	EPA8260B	1.0
Total dissolved solids	µg/L	EPA160.1	10,000/20,000
Total organic carbon	µg/L	EPA9060	200
Total organic halogens	µg/L	EPA9020B	10.0/50.0
Total phosphates (as P)	µg/L	EPA365.4	50.0
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0
Trichloroethylene	µg/L	EPA8260B	1.0/5.0
Trichlorofluoromethane	µg/L	EPA8260B	1.0
Uranium	µg/L	EPA6010B	50.0
Vanadium	µg/L	EPA6020	10.0
	µg/L	EPA6010B	5.0
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 14. Methods and Estimated Quantitation Limits Used by WA

Analyte	Unit	Method	Minimum/Maximum EQLs
Acenaphthene	µg/L	EPA8270C	10.0/114
Acenaphthylene	µg/L	EPA8270C	10.0/114
Acetone	µg/L	EPA8260B	10.0
Acetonitrile	µg/L	EPA8260B	20.0
Acetophenone	µg/L	EPA8270C	10.0/114
2-Acetylaminofluorene	µg/L	EPA8270C	10.0/114
Acrolein	µg/L	EPA8260B	20.0
Acrylonitrile	µg/L	EPA8260B	5.0
Aldrin	µg/L	EPA8081A	0.05/0.108
Alkalinity (as $CaCO_3$)	meq/L	EPA310.1	6,700/13,400
Allyl chloride	µg/L	EPA8260B	10.0
Aluminum, dissolved	µg/L	EPA6010B	146
Aluminum	µg/L	EPA6010B	146
4-Aminobiphenyl	µg/L	EPA8270C	10.0/114
Aniline	µg/L	EPA8270C	10.0/114
Anthracene	µg/L	EPA8270C	10.0/114
Antimony	µg/L	EPA6010B	27.0
Aramite	µg/L	EPA8270C	20.0/228
Arsenic, dissolved	µg/L	EPA6010B	40.0
Arsenic	µg/L	EPA6010B	40.0
Barium, dissolved	µg/L	EPA6010B	1.8
Barium	µg/L	EPA6010B	1.8
Benzene	µg/L	EPA8260B	5.0/25.0
alpha-Benzene hexachloride	µg/L	EPA8081A	0.05/0.108
beta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.108
delta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.108
Benzo[*a*]anthracene	µg/L	EPA8270C	10.0/114
Benzo[*b*]fluoranthene	µg/L	EPA8270C	10.0/114
Benzo[*k*]fluoranthene	µg/L	EPA8270C	10.0/114
Benzoic acid	µg/L	EPA8270C	25.0/285
Benzo[*g,h,i*]perylene	µg/L	EPA8270C	10.0/114
Benzo[*a*]pyrene	µg/L	EPA8270C	10.0/114
Benzyl alcohol	µg/L	EPA8270C	10.0/114
Beryllium	µg/L	EPA6010B	1.6
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	10.0/114
Bis(2-chloroethyl) ether	µg/L	EPA8270C	10.0/114
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	10.0/114
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	10.0/114
Boron	µg/L	EPA6010B	266
Bromodichloromethane	µg/L	EPA8260B	5.0/25.0
Bromoform	µg/L	EPA8260B	5.0/25.0
Bromomethane	µg/L	EPA8260B	10.0/50.0
4-Bromophenyl phenyl ether	µg/L	EPA8270C	10.0/114
Butylbenzyl phthalate	µg/L	EPA8270C	10.0/114
2-sec-Butyl-4,6-dinitrophenol	µg/L	EPA8270C	50.0/570
Cadmium, dissolved	µg/L	EPA6010B	4.7
Cadmium	µg/L	EPA6010B	4.7
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
alpha-Chlordane	µg/L	EPA8081A	0.05/0.108
gamma-Chlordane	µg/L	EPA8081A	0.05/0.108
4-Chloroaniline	µg/L	EPA8270C	10.0/114
Chlorobenzene	µg/L	EPA8260B	5.0/25.0
Chlorobenzilate	µg/L	EPA8270C	10.0/114
4-Chloro-m-cresol	µg/L	EPA8270C	10.0/114
Chloroethane	µg/L	EPA8260B	10.0/50.0
Chloroethene	µg/L	EPA8260B	10.0/50.0
2-Chloroethyl vinyl ether	µg/L	EPA8260B	10.0/50.0

Analyte	Unit	Method	Minimum/Maximum EQLs
Chloroform	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
Chloromethane	µg/L	EPA8260B	10.0/50.0
2-Chloronaphthalene	µg/L	EPA8270C	10.0/114
2-Chlorophenol	µg/L	EPA8270C	10.0/114
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	10.0/114
Chloroprene	µg/L	EPA8260B	5.0
Chromium, dissolved	µg/L	EPA6010B	7.0
Chromium	µg/L	EPA6010B	7.0
Chrysene	µg/L	EPA8270C	10.0/114
Cobalt	µg/L	EPA6010B	4.5
Copper	µg/L	EPA6010B	15.0
m-Cresol	µg/L	EPA8270C	10.2/10.4
m/p-Cresol	µg/L	EPA8270C	10.0/114
o-Cresol	µg/L	EPA8270C	10.0/114
p-Cresol	µg/L	EPA8270C	10.2/10.4
Cyanide	µg/L	EPA9014	15.2
p,p´-DDD	µg/L	EPA8081A	0.1/0.217
p,p´-DDE	µg/L	EPA8081A	0.1/0.217
p,p´-DDT	µg/L	EPA8081A	0.1/0.217
Diallate	µg/L	EPA8270C	10.0/114
Dibenz[*a,h*]anthracene	µg/L	EPA8270C	10.0/114
Dibenzofuran	µg/L	EPA8270C	10.0/114
Dibromochloromethane	µg/L	EPA8260B	5.0/25.0
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	10.0/114
1,2-Dichlorobenzene	µg/L	EPA8270C	10.0/114
1,3-Dichlorobenzene	µg/L	EPA8270C	10.0/114
1,4-Dichlorobenzene	µg/L	EPA8270C	10.0/114
	µg/L	EPA8260B	5.0
3,3´-Dichlorobenzidine	µg/L	EPA8270C	10.0/114
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	20.0
Dichlorodifluoromethane	µg/L	EPA8260B	10.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0/25.0
1,2-Dichloroethane	µg/L	EPA8260B	5.0/25.0
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/25.0
1,2-Dichloroethylene	µg/L	EPA8260B	5.0
cis-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/25.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/25.0
Dichloromethane	µg/L	EPA8260B	5.0/25.0
2,4-Dichlorophenol	µg/L	EPA8270C	10.0/114
2,6-Dichlorophenol	µg/L	EPA8270C	10.0/114
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	1.0/2.33
1,2-Dichloropropane	µg/L	EPA8260B	5.0/25.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0/25.0
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/25.0
Dieldrin	µg/L	EPA8081A	0.1/0.217
Diethyl phthalate	µg/L	EPA8270C	10.0/114
Dimethoate	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
2,4-Dimethyl phenol	µg/L	EPA8270C	10.0/114
Dimethyl phthalate	µg/L	EPA8270C	10.0/114
p-Dimethylaminoazobenzene	µg/L	EPA8270C	10.0/114
7,12-Dimethylbenz[*a*]anthracene	µg/L	EPA8270C	10.0/114
3,3´-Dimethylbenzidine	µg/L	EPA8270C	10.0/114
a,a-Dimethylphenethylamine	µg/L	EPA8270C	10.0/114
1,3-Dinitrobenzene	µg/L	EPA8270C	10.0/114
2,4-Dinitrophenol	µg/L	EPA8270C	25.0/285
2,4-Dinitrotoluene	µg/L	EPA8270C	10.0/114
2,6-Dinitrotoluene	µg/L	EPA8270C	10.0/114

Analyte	Unit	Method	Minimum/Maximum EQLs
Di-n-octyl phthalate	µg/L	EPA8270C	10.0/114
1,4-Dioxane	µg/L	EPA8270C	10.0/114
Diphenylamine	µg/L	EPA8270C	10.0/114
Disulfoton	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
Endosulfan sulfate	µg/L	EPA8081A	0.1/0.217
Endosulfan I	µg/L	EPA8081A	0.05/0.108
Endosulfan II	µg/L	EPA8081A	0.1/0.217
Endrin	µg/L	EPA8081A	0.1/0.217
Endrin aldehyde	µg/L	EPA8081A	0.1/0.217
Ethyl methacrylate	µg/L	EPA8270C	10.0/114
Ethyl methanesulfonate	µg/L	EPA8270C	10.0/114
Ethylbenzene	µg/L	EPA8260B	5.0/25.0
Famphur	µg/L	EPA8141A	1.2/2.67
	µg/L	EPA8141	1.2/2.5
Fluoranthene	µg/L	EPA8270C	10.0/114
Fluorene	µg/L	EPA8270C	10.0/114
Heptachlor	µg/L	EPA8081A	0.05/0.108
Heptachlor epoxide	µg/L	EPA8081A	0.05/0.108
Hexachlorobenzene	µg/L	EPA8270C	10.0/114
Hexachlorobutadiene	µg/L	EPA8270C	10.0/114
Hexachlorocyclopentadiene	µg/L	EPA8270C	10.0/114
Hexachlorodibenzo-p-dioxins	µg/L	EPA8280A	1.5/1.7
	µg/L	EPA8280A	1.5/4.3
Hexachlorodibenzo-p-furans	µg/L	EPA8280A	1.2/1.6
	µg/L	EPA8280A	1.6/3.0
Hexachloroethane	µg/L	EPA8270C	10.0/114
Hexachlorophene	µg/L	EPA8270C	250/2,850
Hexachloropropene	µg/L	EPA8270C	10.0/114
2-Hexanone	µg/L	EPA8260B	10.0
Indeno[1,2,3-*c,d*]pyrene	µg/L	EPA8270C	10.0/114
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
Isodrin	µg/L	EPA8081A	0.1/0.217
Isophorone	µg/L	EPA8270C	10.0/114
Isosafrole	µg/L	EPA8270C	10.0/114
Kepone	µg/L	EPA8081A	0.5/1.08
Lead, dissolved	µg/L	EPA6010B	47.0
Lead	µg/L	EPA6010B	47.0
Lindane	µg/L	EPA8081A	0.05/0.108
Lithium	µg/L	EPA6010B	2.7
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	10.0/114
Methoxychlor	µg/L	EPA8081A	0.5/1.08
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	25.0/285
Methyl ethyl ketone	µg/L	EPA8260B	10.0
Methyl isobutyl ketone	µg/L	EPA8260B	10.0
Methyl methacrylate	µg/L	EPA8270C	10.0/114
Methyl methanesulfonate	µg/L	EPA8270C	10.0/114
3-Methylcholanthrene	µg/L	EPA8270C	10.0/114
2-Methylnaphthalene	µg/L	EPA8270C	10.0/114
Naphthalene	µg/L	EPA8270C	10.0/114
1,4-Naphthoquinone	µg/L	EPA8270C	10.0/114
1-Naphthylamine	µg/L	EPA8270C	10.0/114
2-Naphthylamine	µg/L	EPA8270C	10.0/114
Nickel	µg/L	EPA6010B	26.0
Nitrate-nitrite as nitrogen	µg/L	EPA353.2	20.0/4,000

Analyte	Unit	Method	Minimum/Maximum EQLs
m-Nitroaniline	µg/L	EPA8270C	25.0/285
o-Nitroaniline	µg/L	EPA8270C	25.0/285
p-Nitroaniline	µg/L	EPA8270C	25.0/285
Nitrobenzene	µg/L	EPA8270C	10.0/114
2-Nitrophenol	µg/L	EPA8270C	10.0/114
4-Nitrophenol	µg/L	EPA8270C	25.0/285
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	20.0/228
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	10.0/114
N-Nitrosodiethylamine	µg/L	EPA8270C	10.0/114
N-Nitrosodimethylamine	µg/L	EPA8270C	10.0/114
N-Nitrosodiphenylamine	µg/L	EPA8270C	10.0/114
N-Nitrosodipropylamine	µg/L	EPA8270C	10.0/114
N-Nitrosomethylethylamine	µg/L	EPA8270C	10.0/114
N-Nitrosomorpholine	µg/L	EPA8270C	10.0/114
N-Nitrosopiperidine	µg/L	EPA8270C	50.0/570
N-Nitrosopyrrolidine	µg/L	EPA8270C	10.0/114
5-Nitro-o-toluidine	µg/L	EPA8270C	10.0/114
Parathion	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
Parathion methyl	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
PCB 1016	µg/L	EPA8082	1.0/2.15
PCB 1221	µg/L	EPA8082	2.0/4.3
PCB 1232	µg/L	EPA8082	1.0/2.15
PCB 1242	µg/L	EPA8082	1.0/2.15
PCB 1248	µg/L	EPA8082	1.0/2.15
PCB 1254	µg/L	EPA8082	1.0/2.15
PCB 1260	µg/L	EPA8082	1.0/2.15
Pentachlorobenzene	µg/L	EPA8270C	10.0/114
Pentachlorodibenzo-p-dioxins	µg/L	EPA8280A	0.93/2.2
	µg/L	EPA8280A	1.1/1.7
	µg/L	EPA8280A	2.2/4.8
	µg/L	EPA8280A	1.7/4.8
Pentachloroethane	µg/L	EPA8270C	10.0/114
Pentachloronitrobenzene	µg/L	EPA8270C	50.0/570
Pentachlorophenol	µg/L	EPA8270C	25.0/285
pH	pH	EPA9040B	0.1
Phenacetin	µg/L	EPA8270C	10.0/114
Phenanthrene	µg/L	EPA8270C	10.0/114
Phenol	µg/L	EPA8270C	10.0/114
Phenols	µg/L	EPA9066	37.0
p-Phenylenediamine	µg/L	EPA8270C	10.0/114
Phorate	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
2-Picoline	µg/L	EPA8270C	10.0/114
Pronamid	µg/L	EPA8270C	10.0/114
Propionitrile	µg/L	EPA8260B	50.0
Pyrene	µg/L	EPA8270C	10.0/114
Pyridine	µg/L	EPA8270C	10.0/114
Safrole	µg/L	EPA8270C	10.0/114
Selenium, dissolved	µg/L	EPA6010B	66.0
Selenium	µg/L	EPA6010B	66.0
Silver, dissolved	µg/L	EPA6010B	5.0
Silver	µg/L	EPA6010B	5.0
Specific conductance	µS/cm	EPA9050A	8.9
Styrene	µg/L	EPA8260B	5.0
Sulfate	µg/L	EPA9056	340/6,800
Sulfide	µg/L	EPA9034	10,000
Sulfotepp	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
2,4,5-T	µg/L	EPA8151A	0.5/1.16
2,3,7,8-TCDD	µg/L	EPA8280A	0.82/1.2

Analyte	Unit	Method	Minimum/Maximum EQLs
	µg/L	EPA8280A	1.2/4.3
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	10.0/114
Tetrachlorodibenzo-p-dioxins	µg/L	EPA8280A	0.82/1.2
	µg/L	EPA8280A	1.2/4.3
Tetrachlorodibenzo-p-furans	µg/L	EPA8280A	1.1/1.2
	µg/L	EPA8280A	1.1/4.7
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0/25.0
Tetrachloroethylene	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
2,3,4,6-Tetrachlorophenol	µg/L	EPA8270C	10.0/114
Thallium	µg/L	EPA6010B	55.0
Thionazin	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
Tin	µg/L	EPA6010B	70.0
Toluene	µg/L	EPA8260B	5.0/25.0
o-Toluidine	µg/L	EPA8270C	10.0/114
Total dissolved solids	µg/L	EPA160.1	50,000
Total organic carbon	µg/L	EPA9060	1,000
Total organic halogens	µg/L	EPA9020B	120/12,000
Toxaphene	µg/L	EPA8081A	5.0/10.8
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.5/1.16
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0/114
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/25.0
Trichloroethylene	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8021B	1.0
Trichlorofluoromethane	µg/L	EPA8260B	5.0/25.0
2,4,5-Trichlorophenol	µg/L	EPA8270C	25.0/285
2,4,6-Trichlorophenol	µg/L	EPA8270C	10.0/114
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0
O,O,O-Triethyl phosphorothioate	µg/L	EPA8141A	0.5/1.11
	µg/L	EPA8141	0.5/1.04
1,3,5-Trinitrobenzene	µg/L	EPA8270C	10.0/114
Vanadium	µg/L	EPA6010B	6.9
Vinyl acetate	µg/L	EPA8260B	10.0
Xylenes	µg/L	EPA8260B	5.0/10.0
Zinc	µg/L	EPA6010B	53.0

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

Table 15. Methods and Estimated Quantitation Limits Used by GP

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPIA-013	5.94E-09/1.61E-08
Americium-241	µCi/mL	EPIA-011	1.7E-11/2.68E-09
Antimony-125	µCi/mL	EPIA-013	3.9E-09/1.07E-08
Bismuth-212	µCi/mL	EPIA-013	9.96E-09/3.23E-08
Bismuth-214	µCi/mL	EPIA-013	3.5E-09/1.94E-08
Carbon-14	µCi/mL	EPIA-003	7.36E-09/4.76E-08
Cerium-144	µCi/mL	EPIA-013	1.42E-08/2.57E-08
Cesium-134	µCi/mL	EPIA-013	1.32E-09/3.97E-09

Analyte	Unit	Method	Minimum/Maximum EQLs
Cesium-137	µCi/mL	EPIA-013	1.48E-09/3.93E-09
Cobalt-57	µCi/mL	EPIA-013	1.95E-09/3.12E-09
Cobalt-60	µCi/mL	EPIA-013	1.53E-09/4.45E-09
Curium-242	µCi/mL	EPIA-011	1.71E-11/2.12E-09
Curium-243/244	µCi/mL	EPIA-011	4.33E-11/2.78E-09
Curium-245/246	µCi/mL	EPIA-011	1.97E-11/1.67E-09
Europium-152	µCi/mL	EPIA-013	3.96E-09/1.2E-08
Europium-154	µCi/mL	EPIA-013	4.48E-09/1.12E-08
Europium-155	µCi/mL	EPIA-013	5.29E-09/1.6E-08
Gross alpha	µCi/mL	EPIA-001	2.74E-10/1.73E-08
	µCi/mL	EPA900.0	3.08E-09/3.62E-09
Iodine-129	µCi/mL	EPIA-006	4.78E-10/5.81E-09
Lead-212	µCi/mL	EPIA-013	3.07E-09/7.6E-09
Manganese-54	µCi/mL	EPIA-013	2.17E-09/3.44E-09
Neptunium-237	µCi/mL	EPIA-032	9.2E-11/7.29E-10
Nickel-63	µCi/mL	EPIA-022	1.5E-08/1.83E-07
Nonvolatile beta	µCi/mL	EPIA-001	7.31E-10/4.16E-08
	µCi/mL	EPA900.0	6.28E-09/6.9E-09
Plutonium-238	µCi/mL	EPIA-011	5.78E-11/2.84E-09
Plutonium-239/240	µCi/mL	EPIA-011	2.83E-11/1.43E-09
Plutonium-244	µCi/mL	EPIA-011	9.03E-11/1.98E-10
Potassium-40	µCi/mL	EPIA-013	1.51E-08/5.93E-08
Promethium-144	µCi/mL	EPIA-013	2.06E-09/3.27E-09
Promethium-146	µCi/mL	EPIA-013	1.87E-09/5.06E-09
Radium, total alpha-emitting	µCi/mL	EPIA-010	1.15E-10/1.93E-09
Radium-226	µCi/mL	EPIA-008	8.02E-11/9.18E-10
Radium-228	µCi/mL	EPIA-009	5.87E-10/2.46E-09
Radon-222	µCi/mL	EPIA-007	3.94E-08/5.52E-08
Ruthenium-106	µCi/mL	EPIA-013	1.98E-08/2.97E-08
Sodium-22	µCi/mL	EPIA-013	2.26E-09/3.99E-09
Strontium-89/90	µCi/mL	EPIA-004	1.44E-09/8.19E-09
Strontium-90	µCi/mL	EPIA-004	2.03E-10/1.42E-09
Technetium-99	µCi/mL	EPIA-005	3.89E-09/3.98E-08
Thallium-208	µCi/mL	EPIA-013	1.75E-09/4.46E-09
Thorium-228	µCi/mL	EPIA-012	4.42E-11/3.05E-09
Thorium-230	µCi/mL	EPIA-012	2.2E-11/1.54E-09
Thorium-232	µCi/mL	EPIA-012	1.57E-11/1.38E-09
Tritium	µCi/mL	EPIA-002	5.62E-07/1.02E-05
Uranium-233/234	µCi/mL	EPIA-011	5.69E-11/1.91E-09
Uranium-235	µCi/mL	EPIA-011	6.4E-11/1.56E-09
Uranium-238	µCi/mL	EPIA-011	5.47E-11/2.73E-09
Yttrium-88	µCi/mL	EPIA-013	2.64E-09/4.68E-09
Zinc-65	µCi/mL	EPIA-013	4.14E-09/9.08E-09

Table 16. Methods and Estimated Quantitation Limits Used by ML

Analyte	Unit	Method	Minimum/Maximum EQLs
Acetone	µg/L	EPA8260B	10.0/2,000
Benzene	µg/L	EPA8260B	1.0/200
Bromodichloromethane	µg/L	EPA8260B	1.0/200
Bromoform	µg/L	EPA8260B	1.0/200
Bromomethane	µg/L	EPA8260B	1.0/200

Analyte	Unit	Method	Minimum/Maximum EQLs
Carbon disulfide	µg/L	EPA8260B	5.0/1,000
Carbon tetrachloride	µg/L	EPA8260B	1.0/200
Chlorobenzene	µg/L	EPA8260B	1.0/200
Chloroethane	µg/L	EPA8260B	1.0/200
Chloroethene	µg/L	EPA8260B	1.0/200
Chloroform	µg/L	EPA8260B	1.0/200
Chloromethane	µg/L	EPA8260B	1.0/200
Dibromochloromethane	µg/L	EPA8260B	1.0/200
1,1-Dichloroethane	µg/L	EPA8260B	1.0/200
1,2-Dichloroethane	µg/L	EPA8260B	1.0/200
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/200
1,2-Dichloroethylene	µg/L	EPA8260B	1.0/200
cis-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/100
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/100
Dichloromethane	µg/L	EPA8260B	10.0/2,000
1,2-Dichloropropane	µg/L	EPA8260B	1.0/200
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/200
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/200
Ethylbenzene	µg/L	EPA8260B	1.0/200
Gross alpha	µCi/mL	EPIA-001	8.44E-09/1.11E-08
2-Hexanone	µg/L	EPA8260B	5.0/1,000
Methyl ethyl ketone	µg/L	EPA8260B	5.0/1,000
Methyl isobutyl ketone	µg/L	EPA8260B	5.0/1,000
Nonvolatile beta	µCi/mL	EPIA-001	6.55E-09/6.61E-09
Styrene	µg/L	EPA8260B	1.0/200
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/200
Tetrachloroethylene	µg/L	EPA8260B	1.0/200
Toluene	µg/L	EPA8260B	1.0/200
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/200
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/200
Trichloroethylene	µg/L	EPA8260B	1.0/200
Tritium	µCi/mL	EPIA-002	4.98E-07/7.18E-07
Vinyl acetate	µg/L	EPA8260B	5.0/1,000
Xylenes	µg/L	EPA8260B	1.0/200

Table 17. Methods and Estimated Quantitation Limits Used by TM

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPA901.1MOD	3.21E-08/4.842E-08
Antimony-124	µCi/mL	EPA901.1MOD	8.65E-09/9.2E-09
Antimony-125	µCi/mL	EPA901.1MOD	2.192E-08/2.971E-08
Barium-133	µCi/mL	EPA901.1MOD	1.062E-08/1.083E-08
Bismuth-212	µCi/mL	EPA901.1MOD	9.256E-08/9.412E-08
Bismuth-214	µCi/mL	EPA901.1MOD	1.727E-08/2.97E-08
Cerium-144	µCi/mL	EPA901.1MOD	4.867E-08/4.957E-08
Cesium-134	µCi/mL	EPA901.1MOD	7.67E-09/1.174E-08
Cesium-137	µCi/mL	EPA901.1MOD	8.31E-09/1.351E-08
Cobalt-57	µCi/mL	EPA901.1MOD	6.08E-09/6.4E-09
Cobalt-58	µCi/mL	EPA901.1MOD	8.91E-09/9.59E-09
Cobalt-60	µCi/mL	EPA901.1MOD	8.77E-09/1.249E-08
Europium-152	µCi/mL	EPA901.1MOD	5.85E-08/9.503E-08
Europium-154	µCi/mL	EPA901.1MOD	2.226E-08/3.404E-08
Europium-155	µCi/mL	EPA901.1MOD	1.916E-08/2.241E-08
Gross alpha	µCi/mL	EPA900.0MOD	1.4E-10/1.051E-08
Iodine-129	µCi/mL	EPA902.0MOD	2.28E-09/5.5E-09

Analyte	*Unit*	*Method*	*Minimum/Maximum EQLs*
Lead-212	µCi/mL	EPA901.1MOD	1.263E-08/2.141E-08
Manganese-54	µCi/mL	EPA901.1MOD	7.5E-09/8.48E-09
Nonvolatile beta	µCi/mL	EPA900.0MOD	9.0E-11/1.135E-08
Potassium-40	µCi/mL	EPA901.1MOD	1.164E-07/1.591E-07
Promethium-144	µCi/mL	EPA901.1MOD	8.26E-09/8.53E-09
Promethium-146	µCi/mL	EPA901.1MOD	1.541E-08/2.159E-08
Radium, total alpha-emitting	µCi/mL	EPA903.0MOD	9.0E-11/4.45E-09
Radium-228	µCi/mL	EPA904.0MOD	7.6E-10/3.18E-09
Radon-222	µCi/mL	EPA901.1MOD	1.727E-08
Ruthenium-106	µCi/mL	EPA901.1MOD	7.815E-08/7.824E-08
Sodium-22	µCi/mL	EPA901.1MOD	7.9E-09/9.36E-09
Strontium-90	µCi/mL	EMLSR02MOD	4.9E-10/4.02E-09
Technetium-99	µCi/mL	EICHROMTC1MOD	1.876E-08/2.018E-08
Thallium-208	µCi/mL	EPA901.1MOD	3.698E-08/3.945E-08
Tin-113	µCi/mL	EPA901.1MOD	9.86E-09/1.012E-08
Tritium	µCi/mL	EPA906.0MOD	7.1E-07/4.74892E-03
Yttrium-88	µCi/mL	EPA901.1MOD	8.08E-09/1.027E-08
Zinc-65	µCi/mL	EPA901.1MOD	1.839E-08/1.971E-08
Zirconium-95	µCi/mL	EPA901.1MOD	1.536E-08/1.552E-08

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, EM, EX, GE, and WA, performed all analyses with the following exceptions: GP and TM performed radionuclide analyses for GE and WA. ML conducted gross alpha, nonvolatile beta, and tritium analyses. MS performed several screening level analyses for the C-Area Rubble Pit, D-Area Oil Basin, and Miscellaneous Chemical Basin sampling projects.

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

All fourth quarter 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). 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 18 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 19 and 20. See tables 12–17 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 intralabora-

tory 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

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

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:

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

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

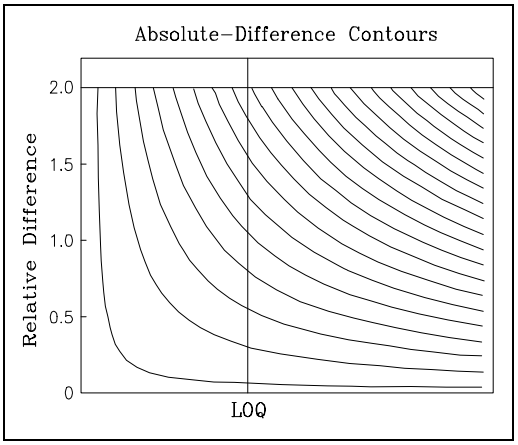

Figure 4. Relative Difference vs. the Mean

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

the relative difference vs. the mean (z_i) and marking contours for constant levels of absolute difference (figure 4). The first contour, in the lower left corner of the figure, represents the smallest absolute difference. The last contour, in the upper right corner of the figure, represents the largest absolute difference.

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

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

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

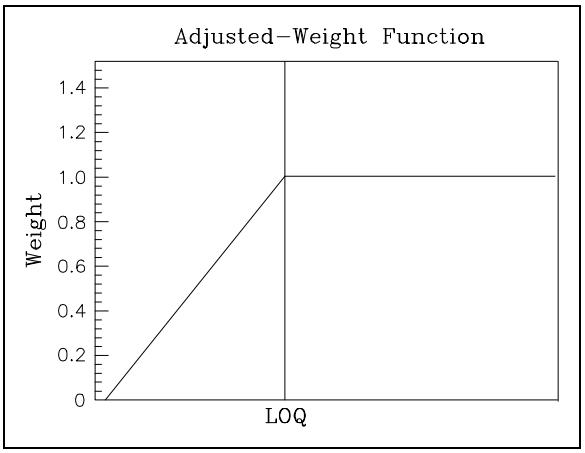

Figure 5. Relationship between w_i and Analyte Concentration

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

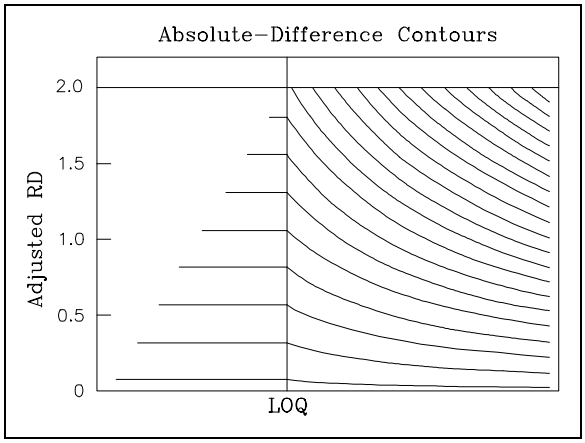

Figure 6. Effect of a Linear-Weight Function on the MRDadj

The MRDadj, then, has the following form:

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

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

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 21–27. Table 23 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 28–31.

Analytes with significance-of-probability values less than .050 (tables 28–31) 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 28–31, 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 32 lists analytes and wells for which samples and blind replicates analyzed by GE yielded results where one was more than twice another.

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

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

Table 35 lists analytes and wells for which samples and blind replicates analyzed by GP yielded results where one was more than twice another.

Table 36 lists analytes and wells for which samples and laboratory duplicates analyzed by GP yielded results where one was more than twice another.

Table 37 lists analytes and wells for which samples and blind replicates analyzed by TM yielded results where one was more than twice another.

Table 38 lists analytes and wells for which samples and laboratory duplicates analyzed by TM yielded results where one was more than twice another.

Tables 39 and 40 list analytes and wells where a result from one laboratory was more than twice the corresponding result from the other laboratory.

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

ACCURACY

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

Quality Control Standards

During fourth quarter 2000, EPD/EMS conducted quality assessments of EM, EX, GE, WA, and ML laboratories. Each laboratory received a set of certified environmental quality control standards from Environmental Resource Associates (ERA) of Arvada, CO (lot numbers 443, 595, 596, 3236, 3444, 8925, 99103, 99104, and 99105). 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, ML, and EM all returned results for fourth quarter 2000 quality control assessments. The laboratories' results and the certified values and limits are listed in tables 41–45.

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.

EX did not report results for fluoranthene. GE did not report results for fluoranthene, 2-sec-butyl-4,6-dinotrophenol, and toxaphene. WA did not report fluoranthene and tetrachloroethylene results. EM did not report volatiles because the volatiles instrument was down.

MS third quarter results are attached in an addendum to this report. The fourth quarter results from MS will be included in the first quarter 2001 report.

GE does not perform the analysis for total petroleum hydrocarbons. Consequently, the laboratory was not requested to report the results for this analysis. ML does not perform the following analyses: boron, cations, grease and oil, herbicides, inorganics, molybdenum, nutrients, strontium, total petroleum hydrocarbons, toxaphene, and turbidity. Consequently, the laboratory was not requested to report the results for these analyses. ML does do cyanide analysis but was not requested to do so during fourth quarter 2000.

Ninety-nine analyses were requested of EX, GE, and WA. Sixty-six analyses were requested of ML. Forty-four analyses of volatiles and metals were requested of EM. Of the 98 analyses reported by EX, 94, or 95.9%, were within the PALs. Of the 95 analyses reported by GE, 95, or 100%, were within the PALs. Of the 97 analyses reported by WA, 91, or 93.8%, were within the PALs. Of the 65 analyses reported by ML, 63, or 96.9%, were within the PALs. Of the 22 analyses reported by EM, 21, or 95.5% were within the PALs.

Performance Evaluation

Over the past few months, ML participated in an EPA' s Laboratory Performance Evaluation Water Pollution (WP) study. EPA conducts the studies biannually to certify laboratories for specific analyses.

Table 46 contains results for WP69. In WP69, which was reported in December 2000, the ML results for benzo[*b*]flouranthene and dimethyl phthalate were outside of acceptance limits. In addition, ML was asked to check for error for the results of calcium and PCB 1260.

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 fourth quarter 2000 were conducted at EX, GE and GP, WA, and ML during February and March 2001. The LDRR results are summarized below.

Fourth Quarter 2000 Records Review of EX

On March 21–22, 2001, laboratory data records were reviewed for organic and inorganic analyses conducted by EX during fourth quarter 2000. No technical issues of concern were identified during the review.

Fourth Quarter 2000 Records Review of GE and GP

On February 27–28 and March 1, 2001, laboratory records were reviewed for organic, inorganic, and radiochemical analyses associated with soil and groundwater samples conducted by GE and GP during fourth quarter 2000. No technical issues of concern were identified during the review.

Fourth Quarter 2000 Records Review of WA

On March 12–14, 2001, laboratory data records were reviewed for inorganic and organic analyses associated with soil and groundwater samples conducted by WA during fourth quarter 2000. No technical issues of concern were identified during the review.

Fourth Quarter 2000 Records Review of ML

On March 7–9 2001, laboratory records were reviewed for organic and inorganic analyses associated with soil and groundwater samples conducted by ML during fourth 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 47–51 list the statistical information for the percent recovery for laboratory control samples by analyte for GE, WA, GP, ML, 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 52–55 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 56–60 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 56–60 for EX, GE, WA, GP, and ML. 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 61–66 list the statistical information for analytes detected in method blanks for EX, GE, WA, GP, ML, 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 67–72 list the statistical information for the field blanks by analyte for EX, GE, WA, GP, ML, and TM. The *Frequency of Detection* column gives the number of field blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Trip Blanks

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

Tables 73–76 list the statistical information for the analytes detected in trip blanks by EX, GE, WA, and ML. The *Frequency of Detection* column gives the number of trip blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Equipment Blanks or Rinsates

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

No information about equipment blanks was provided for fourth quarter 2000.

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 77 lists the wells that were bailed during fourth 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 78 lists the wells with metal casings that were sampled during fourth 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 79 lists the wells that had turbidity results greater than 15 NTU during fourth 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 12–17 in the **Analytical Data Review** section. Tables 39–40 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 80–82 list the reasons the laboratories did not perform certain analyses on samples from wells that could be sampled. For fourth quarter 2000, only EX, 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 18. Wells Providing Blind Replicate Samples and Associated Blanks

Well	*Sample Date*	*Replicate*	*Associated Blank*
BGO 10AA	11/02/00	QA 31D	QA 32D
BGO 11DR	12/18/00	QA 33D	QA 34D
BGO 12CX	11/28/00	QA 35D	QA 36D
BGO 16AR	12/16/00	QA 37D	QA 38D
BGO 18A	11/02/00	QA 39D	QA 40D
BGO 27C	11/06/00	QA 41D	QA 42D
BGO 37C	11/15/00	QA 43D	QA 44D
BGO 43D	11/07/00	QA 45D	QA 46D
BGO 46B	11/09/00	QA 47D	QA 48D
BGO 48C	11/07/00	QA 49D	QA 50D
BGO 49C	11/10/00	QA 51D	QA 52D
BGX 12C	12/05/00	QA 53D	QA 54D
BRD 5D	11/02/00	QA 59D	QA 60D
CRP 3D	11/16/00	QA 65D	Not applicable
CRP 16DU	12/07/00	QA 67D	Not applicable
CRP 17DU	12/07/00	QA 69D	Not applicable
DOB 20	12/13/00	QA 79D	QA 80D
FSB 79A	10/03/00	QA 1D	QA 2D
FSB 87A	10/03/00	QA 3D	QA 4D
FSB 99A	10/04/00	QA 5D	QA 6D
FSB110C	10/04/00	QA 7D	QA 8D
FSB120C	10/09/00	QA 9D	QA 10D
HSB 65B	10/10/00	QA 11D	QA 12D
HSB 86A	10/11/00	QA 13D	QA 14D
HSB102C	10/12/00	QA 15D	QA 16D
HSB122A	10/12/00	QA 17D	QA 18D
HSB139A	10/16/00	QA 19D	QA 20D
HSB140A	10/16/00	QA 21D	QA 22D
HSB146A	10/17/00	QA 23D	QA 24D
LFW 43B	10/02/00	QA 55D	QA 56D
LFW 45D	11/10/00	QA 57D	QA 58D
MCB 15C	10/25/00	QA 81D	QA 82D
RPC 8DL	10/30/00	QA 61D	QA 62D
RPC 11DM	12/11/00	QA 63D	QA 64D
RRP 3	Not sampled	QA 83D	QA 84D
RWM 1	10/05/00	QA 25D	Not applicable
RWM 7	11/07/00	QA 27D	Not applicable
RWM 12	12/11/00	QA 29D	Not applicable
SRW 12C	11/21/00	QA 77D	Not applicable

Well	Sample Date	Replicate	Associated Blank
TBG 1	12/05/00	QA 71D	QA 72D
TNX 9D	11/17/00	QA 73D	QA 74D
XSB 1A	11/16/00	QA 75D	QA 76D

Table 19. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GE, WA, EX, and ML

Analyte	Number of Analyses GE	WA	EX	ML
Acetone	1	3	5	6
Acetonitrile	–	2	4	–
Acrolein	–	2	4	–
Acrylonitrile	–	2	4	–
Aldrin	–	20	–	–
Allyl chloride	–	2	4	–
Antimony	22	60	–	–
Arsenic	24	63	6	–
alpha-Benzene hexachloride	–	20	–	–
delta-Benzene hexachloride	–	20	–	–
Boron	14	60	–	–
Bromochloromethane	–	–	4	–
Bromodichloromethane	19	54	21	9
Bromoform	19	54	21	9
Bromomethane	19	54	21	9
Carbon disulfide	1	3	5	6
alpha-Chlordane	–	20	–	–
gamma-Chlordane	–	20	–	–
Chlorobenzene	19	54	21	9
Chloroethane	19	54	21	9
Chloroethene	19	54	21	9
Chloromethane	19	54	21	9
Chloroprene	–	2	4	–
Cyanide	33	57	–	–
p,p´-DDD	–	20	–	–
p,p´-DDE	–	20	–	–
p,p´-DDT	–	20	–	–
Dibromochloromethane	19	54	21	9
1,2-Dibromo-3-chloropropane	–	2	4	–
1,2-Dibromoethane	–	2	4	–
Dibromomethane	2	4	4	–
trans-1,4-Dichloro-2-butene	–	2	4	–
Dichlorodifluoromethane	–	2	4	–
1,2-Dichloroethane	19	54	21	9
2,4-Dichlorophenoxyacetic acid	–	17	–	–
1,2-Dichloropropane	19	54	21	9
1,3-Dichloropropane	–	–	4	–
2,2-Dichloropropane	–	–	4	–
1,1-Dichloropropene	–	–	4	–
cis-1,3-Dichloropropene	19	54	21	9
trans-1,3-Dichloropropene	19	54	21	9
Dieldrin	–	20	–	–
Endosulfan sulfate	–	20	–	–
Endosulfan I	–	20	–	–
Endosulfan II	–	20	–	–
Endrin	–	20	–	–
Endrin aldehyde	–	20	–	–

Analyte	Number of Analyses GE	WA	EX	ML
Ethylbenzene	19	54	21	9
Fluoride	7	–	–	–
Heptachlor	–	20	–	–
Hexachlorodibenzo-p-dioxins	–	14	–	–
Hexachlorodibenzo-p-furans	–	14	–	–
2-Hexanone	1	3	5	6
Iodomethane	–	2	4	–
Isobutyl alcohol	–	2	4	–
Isodrin	–	20	–	–
Kepone	–	20	–	–
Lindane	–	20	–	–
Methacrylonitrile	–	2	4	–
Methoxychlor	–	20	–	–
Methyl ethyl ketone	1	3	5	6
Methyl isobutyl ketone	1	3	5	6
PCB 1016	6	20	–	–
PCB 1221	6	20	–	–
PCB 1232	6	20	–	–
PCB 1248	6	20	–	–
PCB 1254	6	20	–	–
PCB 1260	6	20	–	–
Pentachlorodibenzo-p-dioxins	–	14	–	–
Pentachlorodibenzo-p-furans	–	14	–	–
Phenols	17	51	–	–
Propionitrile	–	2	4	–
Selenium	24	63	6	–
Silver	24	63	6	–
Styrene	1	3	5	6
Sulfide	–	12	–	–
2,4,5-T	–	17	–	–
2,3,7,8-TCDD	–	14	–	–
Tetrachlorodibenzo-p-dioxins	–	14	–	–
Tetrachlorodibenzo-p-furans	–	14	–	–
1,1,1,2-Tetrachloroethane	–	2	4	–
1,1,2,2-Tetrachloroethane	19	54	21	9
Tin	14	60	–	–
Toxaphene	–	20	–	–
2,4,5-TP (Silvex)	–	17	–	–
1,1,1-Trichloroethane	19	56	24	10
1,1,2-Trichloroethane	19	54	21	9
1,2,3-Trichloropropane	–	2	4	–
Vanadium	10	6	–	–
Vinyl acetate	–	2	5	6
Xylenes	13	49	5	6

– No replicate or duplicate analyses were performed.

Table 20. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GP and TM

Analyte	Number of Analyses GP	TM
Antimony-124	–	2
Antimony-125	33	4
Barium-133	–	2
Bismuth-212	22	2
Cerium-144	13	2

Analyte	Number of Analyses GP	TM
Cesium-134	33	4
Cobalt-57	9	2
Cobalt-58	–	2
Cobalt-60	33	4
Curium-242	24	–
Europium-152	33	4
Manganese-54	9	2
Neptunium-237	12	–
Plutonium-239/240	23	–
Plutonium-244	4	–
Promethium-144	9	2
Promethium-146	33	4
Ruthenium-106	9	2
Sodium-22	9	2
Thorium-228	33	–
Thorium-232	33	–
Tin-113	–	2
Yttrium-88	9	2
Zinc-65	9	2
Zirconium-95	–	2

– No replicate or duplicate analyses were performed.

Table 21. Intralaboratory MRD Indices for EX

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Aluminum	200 µg/L	0	-	-	3	0.00	0.00
Barium	10 µg/L	0	-	-	3	0.87	0.50
Benzene	500 µg/L	0	-	-	8	0.00	0.00
Cadmium	10 µg/L	0	-	-	3	0.00	0.00
Carbon tetrachloride	500 µg/L	0	-	-	8	0.00	0.00
2-Chloroethyl vinyl ether	2,500 µg/L	0	-	-	7	0.00	0.00
Chloroform	500 µg/L	0	-	-	8	0.00	0.00
Chromium	10 µg/L	0	-	-	3	0.00	0.00
1,2-Dichlorobenzene	5 µg/L	0	-	-	2	0.00	0.00
1,3-Dichlorobenzene	5 µg/L	0	-	-	2	0.00	0.00
1,4-Dichlorobenzene	5 µg/L	0	-	-	2	0.00	0.00
1,1-Dichloroethane	500 µg/L	0	-	-	8	0.00	0.00
1,1-Dichloroethylene	500 µg/L	0	-	-	8	0.00	0.00
cis-1,2-Dichloroethylene	2,500 µg/L	0	-	-	9	0.00	0.00
trans-1,2-Dichloroethylene	500 µg/L	0	-	-	8	0.00	0.00
Dichloromethane	1,000 µg/L	0	-	-	8	0.00	0.00
1,4-Dioxane	500 µg/L	0	-	-	2	0.00	0.00
Ethyl methacrylate	5 µg/L	0	-	-	2	0.00	0.00
Iron	200 µg/L	0	-	-	1	0.00	0.00
Lead	10 µg/L	0	-	-	6	9.44	3.95
Mercury	0.5 µg/L	0	-	-	4	0.00	0.00
Methyl methacrylate	20 µg/L	0	-	-	2	0.00	0.00
Nitrate-nitrite as nitrogen	1,000 µg/L	4	0.87	0.71	2	4.49	4.49
Pentachloroethane	200 µg/L	0	-	-	2	0.00	0.00
Tetrachloroethylene	100 µg/L	0	-	-	8	1.69	1.69
Toluene	500 µg/L	0	-	-	8	0.00	0.00

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Trichloroethylene	5 µg/L	0	-	-	9	7.91	4.80
Trichlorofluoromethane	2,500 µg/L	0	-	-	9	0.00	0.00

- No replicate or duplicate analyses could be calculated.

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

Table 22. Intralaboratory MRD Indices for GE

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Alkalinity (as $CaCO_3$)	18,600 µg/L	1	0.00	0.00	0	-	-
Aluminum	50.0 µg/L	0	-	-	5	**30.17**	30.17
Barium	6.43 µg/L	0	-	-	0	-	-
Benzene	1.0 µg/L	0	-	-	0	-	-
Beryllium	5.0 µg/L	0	-	-	12	0.00	0.00
Cadmium	5.0 µg/L	0	-	-	5	0.00	0.00
Calcium	†	0	-	-	0	-	-
Carbon tetrachloride	1.0 µg/L	0	-	-	0	-	-
Chloride	†	1	4.78	4.78	0	-	-
2-Chloroethyl vinyl ether	5.0 µg/L	0	-	-	0	-	-
Chloroform	1.0 µg/L	0	-	-	0	-	-
Chromium	5.0 µg/L	0	-	-	0	-	-
Cobalt	5.0 µg/L	0	-	-	0	-	-
Copper	5.0 µg/L	0	-	-	0	-	-
1,1-Dichloroethane	1.0 µg/L	0	-	-	0	-	-
1,1-Dichloroethylene	1.0 µg/L	0	-	-	0	-	-
1,2-Dichloroethylene	2.0 µg/L	0	-	-	0	-	-
trans-1,2-Dichloroethylene	1.0 µg/L	0	-	-	0	-	-
Dichloromethane	5.0 µg/L	0	-	-	0	-	-
Iron	50.0 µg/L	0	-	-	0	-	-
Lead	5.0 µg/L	0	-	-	5	0.00	0.00
Lithium	10.0 µg/L	0	-	-	0	-	-
Magnesium	†	0	-	-	0	-	-
Manganese	10.0 µg/L	0	-	-	0	-	-
Mercury	0.2 µg/L	0	-	-	7	1.10	0.58
Nickel	5.0 µg/L	0	-	-	0	-	-
Nitrate-nitrite as nitrogen	50.0 µg/L	27	2.56	2.56	10	**22.87**	22.30
PCB 1242	0.1 µg/L	0	-	-	0	-	-
pH	†	31	0.91	0.91	12	4.52	4.52
Potassium	†	0	-	-	0	-	-
Sodium	†	0	-	-	0	-	-
Specific conductance	†	25	1.40	1.40	12	**26.10**	26.10
Sulfate	705 µg/L	3	4.50	1.89	0	-	-
Tetrachloroethylene	1.0 µg/L	0	-	-	0	-	-
Thallium	10.0 µg/L	0	-	-	7	0.00	0.00
Toluene	1.0 µg/L	0	-	-	0	-	-
Total dissolved solids	44,000 µg/L	5	0.32	0.27	0	-	-
Total organic carbon	432 µg/L	5	0.73	0.22	0	-	-
Total organic halogens	10.0 µg/L	5	3.29	3.29	0	-	-

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Total phosphates (as P)	50.0 µg/L	1	16.67	6.00	0	-	-
Trichloroethylene	1.0 µg/L	0	-	-	0	-	-
Trichlorofluoromethane	1.0 µg/L	0	-	-	0	-	-
Uranium	50.0 µg/L	0	-	-	1	0.00	0.00
Zinc	5.0 µg/L	0	-	-	0	-	-

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

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

Table 23. Intralaboratory MRD Matrix Spike Indices for GE

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj
Benzene	†	12	2.20	2.20
Chlorobenzene	†	12	3.60	3.60
1,1-Dichloroethylene	†	12	3.84	3.84
PCB 1260	†	2	1.65	1.65
Toluene	†	14	4.34	4.34
Trichloroethylene	†	12	3.17	3.17

† 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.

Table 24. Intralaboratory MRD Indices for WA

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	MRD	MRDadj	Blind Replicates Number of Dup. Pairs	MRD	MRDadj
Acenaphthene	23.2 µg/L	10	0.00	0.00	0	-	-
Acenaphthylene	23.2 µg/L	10	0.00	0.00	0	-	-
Acetophenone	23.2 µg/L	10	0.00	0.00	0	-	-
2-Acetylaminofluorene	23.2 µg/L	10	0.00	0.00	0	-	-
Alkalinity (as $CaCO_3$)	13,400 µg/L	15	3.27	2.94	12	**26.61**	23.70
Aluminum	146 µg/L	4	10.58	4.42	0	-	-
4-Aminobiphenyl	23.2 µg/L	10	0.00	0.00	0	-	-
Aniline	23.2 µg/L	10	0.00	0.00	0	-	-
Anthracene	23.2 µg/L	10	0.00	0.00	0	-	-
Aramite	46.4 µg/L	10	0.00	0.00	0	-	-
Barium	3.2 µg/L	17	10.69	9.86	12	5.05	4.31
Benzene	5.0 µg/L	11	0.11	0.04	11	0.00	0.00
beta-Benzene hexachloride	0.108 µg/L	10	0.00	0.00	0	-	-
Benzo[*a*]anthracene	23.2 µg/L	10	0.00	0.00	0	-	-
Benzo[*b*]fluoranthene	23.2 µg/L	10	0.00	0.00	0	-	-
Benzo[*k*]fluoranthene	23.2 µg/L	10	0.00	0.00	0	-	-
Benzoic acid	58.0 µg/L	10	0.00	0.00	0	-	-

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Benzo[*g,h,i*]perylene	23.2 µg/L	10	0.00	0.00	0	-	-
Benzo[*a*]pyrene	23.2 µg/L	10	0.00	0.00	0	-	-
Benzyl alcohol	23.2 µg/L	10	0.00	0.00	0	-	-
Beryllium	1.6 µg/L	4	0.00	0.00	0	-	-
Bis(2-chloroethoxy) methane	23.2 µg/L	10	0.00	0.00	0	-	-
Bis(2-chloroethyl) ether	23.2 µg/L	10	0.00	0.00	0	-	-
Bis(2-chloroisopropyl) ether	23.2 µg/L	10	0.00	0.00	0	-	-
Bis(2-ethylhexyl) phthalate	36.9 µg/L	10	0.00	0.00	0	-	-
4-Bromophenyl phenyl ether	23.2 µg/L	10	0.00	0.00	0	-	-
Butylbenzyl phthalate	23.2 µg/L	10	0.00	0.00	0	-	-
2-sec-Butyl-4,6-dinitrophenol	116 µg/L	10	0.00	0.00	0	-	-
Cadmium	4.7 µg/L	17	0.00	0.00	12	0.00	0.00
Carbon tetrachloride	5.0 µg/L	12	0.00	0.00	11	0.00	0.00
4-Chloroaniline	23.2 µg/L	10	0.00	0.00	0	-	-
Chlorobenzilate	23.2 µg/L	10	0.00	0.00	0	-	-
4-Chloro-m-cresol	23.2 µg/L	10	0.00	0.00	0	-	-
2-Chloroethyl vinyl ether	†	12	0.00	0.00	10	0.00	0.00
Chloroform	5.0 µg/L	13	1.86	1.78	12	1.81	1.81
2-Chloronaphthalene	23.2 µg/L	10	0.00	0.00	0	-	-
2-Chlorophenol	23.2 µg/L	10	0.00	0.00	0	-	-
4-Chlorophenyl phenyl ether	23.2 µg/L	10	0.00	0.00	0	-	-
Chromium	7.0 µg/L	17	0.03	0.03	12	0.00	0.00
Chrysene	23.2 µg/L	10	0.00	0.00	0	-	-
Cobalt	4.5 µg/L	3	0.00	0.00	0	-	-
Copper	15.0 µg/L	17	0.58	0.37	12	1.57	0.52
m-Cresol	10.4 µg/L	3	0.00	0.00	0	-	-
m/p-Cresol	23.2 µg/L	7	0.00	0.00	0	-	-
o-Cresol	23.2 µg/L	10	0.00	0.00	0	-	-
p-Cresol	10.4 µg/L	3	0.00	0.00	0	-	-
Diallate	23.2 µg/L	10	0.00	0.00	0	-	-
Dibenz[*a,h*]anthracene	23.2 µg/L	10	0.00	0.00	0	-	-
Dibenzofuran	23.2 µg/L	10	0.00	0.00	0	-	-
Di-n-butyl phthalate	23.2 µg/L	10	0.00	0.00	0	-	-
1,2-Dichlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
1,3-Dichlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
1,4-Dichlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
3,3´-Dichlorobenzidine	23.2 µg/L	10	0.00	0.00	0	-	-
1,1-Dichloroethane	5.0 µg/L	12	2.71	2.32	12	1.66	1.55
1,1-Dichloroethylene	5.0 µg/L	11	0.00	0.00	12	0.15	0.10
1,2-Dichloroethylene	5.0 µg/L	0	-	-	0	-	-
cis-1,2-Dichloroethylene	5.0 µg/L	3	5.77	5.77	0	-	-
trans-1,2-Dichloroethylene	5.0 µg/L	11	0.00	0.00	12	11.81	11.81
Dichloromethane	16.9 µg/L	11	0.00	0.00	11	0.00	0.00
2,4-Dichlorophenol	23.2 µg/L	10	0.00	0.00	0	-	-
2,6-Dichlorophenol	23.2 µg/L	10	0.00	0.00	0	-	-
Diethyl phthalate	23.2 µg/L	10	0.00	0.00	0	-	-
Dimethoate	1.09 µg/L	7	0.00	0.00	0	-	-
2,4-Dimethyl phenol	23.2 µg/L	10	0.00	0.00	0	-	-
Dimethyl phthalate	23.2 µg/L	10	0.00	0.00	0	-	-
p-Dimethylaminoazobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
7,12-Dimethylbenz[*a*]anthracene	23.2 µg/L	10	0.00	0.00	0	-	-
3,3´-Dimethylbenzidine	23.2 µg/L	10	0.00	0.00	0	-	-
a,a-Dimethylphenethylamine	23.2 µg/L	10	0.00	0.00	0	-	-
1,3-Dinitrobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
2,4-Dinitrophenol	58.0 µg/L	10	0.00	0.00	0	-	-

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
2,4-Dinitrotoluene	23.2 µg/L	10	0.00	0.00	0	-	-
2,6-Dinitrotoluene	23.2 µg/L	10	0.00	0.00	0	-	-
Di-n-octyl phthalate	23.2 µg/L	10	0.00	0.00	0	-	-
1,4-Dioxane	22.2 µg/L	10	4.08	4.08	0	-	-
Diphenylamine	23.2 µg/L	10	0.00	0.00	0	-	-
Disulfoton	1.09 µg/L	7	0.00	0.00	0	-	-
Ethyl methacrylate	23.2 µg/L	10	0.00	0.00	0	-	-
Ethyl methanesulfonate	23.2 µg/L	10	0.00	0.00	0	-	-
Famphur	2.61 µg/L	7	0.00	0.00	0	-	-
Fluoranthene	23.2 µg/L	10	0.00	0.00	0	-	-
Fluorene	23.2 µg/L	10	0.00	0.00	0	-	-
Heptachlor epoxide	0.108 µg/L	10	4.68	1.83	0	-	-
Hexachlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
Hexachlorobutadiene	23.2 µg/L	10	0.00	0.00	0	-	-
Hexachlorocyclopentadiene	23.2 µg/L	10	0.00	0.00	0	-	-
Hexachloroethane	23.2 µg/L	10	0.00	0.00	0	-	-
Hexachlorophene	580 µg/L	10	0.00	0.00	0	-	-
Hexachloropropene	23.2 µg/L	10	0.00	0.00	0	-	-
Indeno[1,2,3-*c,d*]pyrene	23.2 µg/L	10	0.00	0.00	0	-	-
Iron	74.0 µg/L	4	3.45	2.26	0	-	-
Isophorone	23.2 µg/L	10	0.00	0.00	0	-	-
Isosafrole	23.2 µg/L	10	0.00	0.00	0	-	-
Lead	47.0 µg/L	17	0.00	0.00	11	0.00	0.00
Lithium	2.7 µg/L	17	0.94	0.53	11	4.41	3.77
Mercury	0.7 µg/L	17	0.12	0.12	12	0.69	0.39
Methapyrilene	23.2 µg/L	10	0.00	0.00	0	-	-
2-Methyl-4,6-dinitrophenol	58.0 µg/L	10	0.00	0.00	0	-	-
Methyl methacrylate	23.2 µg/L	10	0.00	0.00	0	-	-
Methyl methanesulfonate	23.2 µg/L	10	0.00	0.00	0	-	-
3-Methylcholanthrene	23.2 µg/L	10	0.00	0.00	0	-	-
2-Methylnaphthalene	23.2 µg/L	10	0.00	0.00	0	-	-
Naphthalene	23.2 µg/L	10	0.00	0.00	0	-	-
1,4-Naphthoquinone	23.2 µg/L	10	0.00	0.00	0	-	-
1-Naphthylamine	23.2 µg/L	10	0.00	0.00	0	-	-
2-Naphthylamine	23.2 µg/L	10	0.00	0.00	0	-	-
Nickel	26.0 µg/L	17	0.00	0.00	12	0.00	0.00
Nitrate-nitrite as nitrogen	30.0 µg/L	15	1.56	1.39	12	10.67	8.39
m-Nitroaniline	58.0 µg/L	10	0.00	0.00	0	-	-
o-Nitroaniline	58.0 µg/L	10	0.00	0.00	0	-	-
p-Nitroaniline	58.0 µg/L	10	0.00	0.00	0	-	-
Nitrobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
2-Nitrophenol	23.2 µg/L	10	0.00	0.00	0	-	-
4-Nitrophenol	58.0 µg/L	10	0.00	0.00	0	-	-
4-Nitroquinoline-1-oxide	46.4 µg/L	10	0.00	0.00	0	-	-
N-Nitrosodi-n-butylamine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosodiethylamine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosodimethylamine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosodiphenylamine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosodipropylamine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosomethylethylamine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosomorpholine	23.2 µg/L	10	0.00	0.00	0	-	-
N-Nitrosopiperidine	116 µg/L	10	0.00	0.00	0	-	-
N-Nitrosopyrrolidine	23.2 µg/L	10	0.00	0.00	0	-	-
5-Nitro-o-toluidine	23.2 µg/L	10	0.00	0.00	0	-	-
Parathion	1.09 µg/L	7	0.00	0.00	0	-	-

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Parathion methyl	1.09 µg/L	7	0.00	0.00	0	-	-
PCB 1242	1.06 µg/L	8	0.00	0.00	0	-	-
Pentachlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
Pentachloroethane	23.2 µg/L	10	0.00	0.00	0	-	-
Pentachloronitrobenzene	116 µg/L	10	0.00	0.00	0	-	-
Pentachlorophenol	58.0 µg/L	10	0.00	0.00	0	-	-
pH	†	3	2.10	2.10	0	-	-
Phenacetin	23.2 µg/L	10	0.00	0.00	0	-	-
Phenanthrene	23.2 µg/L	10	0.00	0.00	0	-	-
Phenol	23.2 µg/L	10	0.00	0.00	0	-	-
p-Phenylenediamine	23.2 µg/L	10	0.00	0.00	0	-	-
Phorate	1.09 µg/L	7	0.00	0.00	0	-	-
2-Picoline	23.2 µg/L	10	0.00	0.00	0	-	-
Pronamid	23.2 µg/L	10	0.00	0.00	0	-	-
Pyrene	23.2 µg/L	10	0.00	0.00	0	-	-
Pyridine	23.2 µg/L	10	0.00	0.00	0	-	-
Safrole	23.2 µg/L	10	0.00	0.00	0	-	-
Specific conductance	†	4	0.87	0.87	0	-	-
Sulfate	704 µg/L	13	1.48	0.60	11	0.31	0.25
Sulfotepp	1.09 µg/L	7	0.00	0.00	0	-	-
1,2,4,5-Tetrachlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
Tetrachloroethylene	5.0 µg/L	12	0.85	0.52	11	0.83	0.30
2,3,4,6-Tetrachlorophenol	23.2 µg/L	10	0.00	0.00	0	-	-
Thallium	55.0 µg/L	4	0.00	0.00	0	-	-
Thionazin	1.09 µg/L	7	0.00	0.00	0	-	-
Toluene	5.0 µg/L	11	0.00	0.00	11	0.00	0.00
o-Toluidine	23.2 µg/L	10	0.00	0.00	0	-	-
Total dissolved solids	50,000 µg/L	14	8.26	4.97	10	**36.05**	30.71
Total organic carbon	1,000 µg/L	16	0.30	0.09	12	0.00	0.00
Total organic halogens	133 µg/L	13	2.58	0.90	11	0.10	0.04
1,2,4-Trichlorobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
Trichloroethylene	5.0 µg/L	16	1.91	1.89	12	2.29	2.29
Trichlorofluoromethane	5.0 µg/L	11	0.00	0.00	11	0.00	0.00
2,4,5-Trichlorophenol	58.0 µg/L	10	0.00	0.00	0	-	-
2,4,6-Trichlorophenol	23.2 µg/L	10	0.00	0.00	0	-	-
O,O,O-Triethyl phosphorothioate	1.09 µg/L	7	0.00	0.00	0	-	-
1,3,5-Trinitrobenzene	23.2 µg/L	10	0.00	0.00	0	-	-
Uranium	†	1	2.82	2.82	0	-	-
Zinc	53.0 µg/L	17	0.10	0.07	12	0.00	0.00

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

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

Table 25. Intralaboratory MRD Indices for GP

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Actinium-228	1.41E-08 µCi/mL	12	0.00	0.00	2	0.00	0.00
Americium-241	6.64E-10 µCi/mL	9	8.71	8.71	1	0.00	0.00

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Bismuth-214	6.76E-09 µCi/mL	8	6.20	5.15	2	**40.74**	40.74
Carbon-14	4.65E-08 µCi/mL	15	1.30	0.78	10	2.41	1.55
Cesium-137	3.59E-09 µCi/mL	13	0.00	0.00	2	0.00	0.00
Curium-243/244	1.8E-09 µCi/mL	9	0.73	0.73	1	0.00	0.00
Curium-245/246	9.03E-10 µCi/mL	10	4.37	2.49	1	0.00	0.00
Europium-154	9.06E-09 µCi/mL	11	3.25	1.19	2	0.00	0.00
Europium-155	1.14E-08 µCi/mL	11	0.00	0.00	2	0.00	0.00
Gross alpha	3.09E-09 µCi/mL	21	7.76	6.18	13	15.30	10.22
Iodine-129	2.0E-09 µCi/mL	9	11.37	9.62	1	0.00	0.00
Lead-212	7.19E-09 µCi/mL	13	3.48	1.35	2	0.00	0.00
Nickel-63	1.66E-07 µCi/mL	9	0.00	0.00	0	-	-
Nonvolatile beta	6.28E-09 µCi/mL	19	4.25	3.23	12	13.44	12.46
Plutonium-238	2.62E-09 µCi/mL	8	0.00	0.00	1	0.00	0.00
Potassium-40	4.0E-08 µCi/mL	11	0.00	0.00	2	0.00	0.00
Radium, total alpha-emitting	1.69E-09 µCi/mL	6	6.04	3.09	0	-	-
Radium-226	7.4E-10 µCi/mL	23	13.80	12.93	10	**41.19**	34.39
Radium-228	1.64E-09 µCi/mL	27	1.40	0.47	11	0.00	0.00
Radon-222	†	2	8.98	8.98	1	4.58	4.58
Strontium-89/90	3.04E-09 µCi/mL	5	17.30	17.08	0	-	-
Strontium-90	1.15E-09 µCi/mL	29	1.76	0.71	8	17.94	17.94
Technetium-99	2.31E-08 µCi/mL	10	6.77	3.22	1	0.00	0.00
Thallium-208	3.4E-09 µCi/mL	7	1.09	0.34	2	0.00	0.00
Thorium-230	8.39E-10 µCi/mL	11	1.41	0.46	2	0.00	0.00
Tritium	7.76E-07 µCi/mL	21	2.59	2.59	12	16.10	13.47
Uranium-233/234	1.15E-09 µCi/mL	12	1.63	1.63	2	0.00	0.00
Uranium-235	1.42E-09 µCi/mL	10	4.61	2.85	2	0.00	0.00
Uranium-238	1.09E-09 µCi/mL	11	3.02	3.02	2	0.00	0.00

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

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

Table 26. Intralaboratory MRD Indices for ML

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Actinium-228	1.29E-07 µCi/mL	1	0.00	0.00	0	-	-
Benzene	200 µg/L	0	-	-	3	0.00	0.00
Carbon tetrachloride	200 µg/L	0	-	-	3	0.00	0.00
Chloroform	200 µg/L	0	-	-	3	0.00	0.00
1,1-Dichloroethane	200 µg/L	0	-	-	3	0.00	0.00
1,1-Dichloroethylene	200 µg/L	0	-	-	3	0.00	0.00
1,2-Dichloroethylene	†	0	-	-	2	5.56	5.56
cis-1,2-Dichloroethylene	100 µg/L	0	-	-	1	0.00	0.00
trans-1,2-Dichloroethylene	100 µg/L	0	-	-	1	0.00	0.00
Dichloromethane	2,000 µg/L	0	-	-	3	0.00	0.00
Gross alpha	9.14E-09 µCi/mL	3	1.83	0.66	3	0.00	0.00
Lead-212	4.14E-08 µCi/mL	1	0.00	0.00	0	-	-
Nonvolatile beta	6.6E-09 µCi/mL	2	0.00	0.00	2	11.17	3.77

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Tetrachloroethylene	200 µg/L	0	-	-	3	0.00	0.00
Toluene	200 µg/L	0	-	-	3	0.00	0.00
Trichloroethylene	1.0 µg/L	0	-	-	3	2.53	2.53
Tritium	†	5	13.62	13.62	3	24.43	24.43

† 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. Intralaboratory MRD Indices for TM

Analyte	RDL	In-house Duplicates Number of Dup. Pairs	In-house Duplicates MRD	In-house Duplicates MRDadj	Blind Replicates Number of Dup. Pairs	Blind Replicates MRD	Blind Replicates MRDadj
Actinium-228	4.842E-08 µCi/mL	2	0.00	0.00	0	-	-
Bismuth-214	2.97E-08 µCi/mL	2	19.22	9.56	0	-	-
Cesium-137	1.351E-08 µCi/mL	2	0.00	0.00	0	-	-
Europium-154	3.404E-08 µCi/mL	2	0.00	0.00	0	-	-
Europium-155	2.241E-08 µCi/mL	2	0.00	0.00	0	-	-
Gross alpha	1.6E-09 µCi/mL	74	9.47	5.95	15	9.18	5.75
Iodine-129	5.5E-09 µCi/mL	1	0.00	0.00	0	-	-
Lead-212	2.141E-08 µCi/mL	2	0.00	0.00	0	-	-
Nonvolatile beta	1.87E-09 µCi/mL	61	11.92	6.73	13	15.57	7.35
Potassium-40	1.591E-07 µCi/mL	2	0.00	0.00	0	-	-
Radium, total alpha-emitting	1.08E-09 µCi/mL	42	**26.04**	21.85	9	**29.82**	24.31
Radium-228	2.35E-09 µCi/mL	11	3.60	1.35	7	5.66	2.12
Radon-222	†	1	**38.43**	38.43	0	-	-
Strontium-90	1.75E-09 µCi/mL	18	0.86	0.86	9	0.00	0.00
Technetium-99	2.018E-08 µCi/mL	1	0.00	0.00	0	-	-
Thallium-208	3.945E-08 µCi/mL	1	0.00	0.00	0	-	-
Tritium	1.45E-06 µCi/mL	78	11.36	10.32	12	**23.37**	23.31

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

Analyte	RDL	Unit	MRD	t-test Probability
Aluminum	200	µg/L	***0.00***	-
Barium	10.0	µg/L	0.65	.500
Benzene	25.0	µg/L	***0.00***	-
2-Chloroethyl vinyl ether	2,500	µg/L	***0.00***	-
Chloroform	25.0	µg/L	***0.00***	-
1,4-Dichlorobenzene	23.2	µg/L	***0.00***	-

Analyte	RDL	Unit	MRD	t-test Probability
1,1-Dichloroethane	25.0	µg/L	***0.00***	-
1,1-Dichloroethylene	25.0	µg/L	***0.00***	-
cis-1,2-Dichloroethylene	2,500	µg/L	***0.00***	-
trans-1,2-Dichloroethylene	25.0	µg/L	***0.00***	-
Dichloromethane	60.3	µg/L	***0.00***	-
Iron	200	µg/L	***0.00***	-
Lead	47.0	µg/L	***0.00***	-
Mercury	0.7	µg/L	***0.00***	-
Nitrate-nitrite as nitrogen	1,000	µg/L	**34.94**	.893
Tetrachloroethylene	10.0	µg/L	***0.00***	-
Trichloroethylene	5.0	µg/L	3.01	.322
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 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 $CaCO_3$)	13,400	µg/L	**25.83**	.304
Aluminum	146	µg/L	10.62	.374
Barium	6.43	µg/L	7.71	.179
Benzene	5.0	µg/L	***0.00***	-
Beryllium	5.0	µg/L	***0.00***	-
Cadmium	5.0	µg/L	***0.00***	-
Carbon tetrachloride	5.0	µg/L	***0.00***	-
2-Chloroethyl vinyl ether	5.0	µg/L	**71.11**	.000
Chloroform	5.0	µg/L	2.38	.337
Chromium	7.0	µg/L	***0.00***	-
Copper	15.0	µg/L	4.28	.512
1,1-Dichloroethane	5.0	µg/L	3.72	.270
1,1-Dichloroethylene	5.0	µg/L	2.64	.337
trans-1,2-Dichloroethylene	5.0	µg/L	9.14	.339
Dichloromethane	12.1	µg/L	2.04	.195
Lead	47.0	µg/L	***0.00***	-
Lithium	10.0	µg/L	11.95	.153
Mercury	0.7	µg/L	0.23	.331
Nickel	26.0	µg/L	***0.00***	-
Nitrate-nitrite as nitrogen	50.0	µg/L	**38.42**	.630
Sulfate	704	µg/L	3.53	.123
Tetrachloroethylene	5.0	µg/L	4.21	.171
Thallium	55.0	µg/L	***0.00***	-
Toluene	5.0	µg/L	***0.00***	-
Total dissolved solids	50,000	µg/L	**32.17**	.243
Total organic carbon	1,000	µg/L	***0.00***	-
Total organic halogens	133	µg/L	2.21	.168
Trichloroethylene	5.0	µg/L	5.24	.558
Uranium	50.0	µg/L	***0.00***	-

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

Analyte	RDL	Unit	MRD	t-test Probability
cis-1,2-Dichloroethylene	500	µg/L	***0.00***	-
Tetrachloroethylene	200	µg/L	9.35	.192
Trichloroethylene	5.0	µg/L	**25.11**	.268

- 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 GP and TM

Analyte	RDL	Unit	MRD	t-test Probability
Actinium-228	3.21E-08	µCi/mL	***0.00***	-
Bismuth-214	6.82E-09	µCi/mL	**98.05**	.701
Cesium-137	8.31E-09	µCi/mL	***0.00***	-
Europium-154	2.226E-08	µCi/mL	***0.00***	-
Europium-155	1.26E-08	µCi/mL	***45.82***	-
Gross alpha	1.77E-09	µCi/mL	15.26	.382
Iodine-129	4.44E-09	µCi/mL	***0.00***	-
Lead-212	1.263E-08	µCi/mL	***0.00***	-
Nonvolatile beta	3.07E-09	µCi/mL	16.67	.212
Potassium-40	1.164E-07	µCi/mL	***0.00***	-
Radium, total alpha-emitting	1.14E-09	µCi/mL	14.38	.640
Radium-228	2.11E-09	µCi/mL	1.80	.221
Strontium-90	1.56E-09	µCi/mL	5.82	.333
Technetium-99	2.31E-08	µCi/mL	***0.00***	-
Tritium	1.41E-06	µCi/mL	**20.66**	.814

† 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 32. GE Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	FSB120C
Nitrate-nitrite as nitrogen	FSB 79A
Specific conductance	FSB 79A

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

Analyte	Wells
Alkalinity (as $CaCO_3$)	BGO 27C, BGO 43D
trans-1,2-Dichloroethylene	BGO 37C
Total dissolved solids	BGO 10AA, BGO 16AR, BGO 27C

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

Analyte	Wells
Barium	BGO 37D

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

Analyte	Wells
Bismuth-214	BRD 5D
Gross alpha	FSB120C
Nonvolatile beta	FSB120C
Radium-226	BGO 11DR, TBG 1
Strontium-90	BGO 48C
Tritium	FSB120C

Table 36. GP Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Americium-241	FIN 2TK
Radium-226	FIN 2TK, HIN600TK

Table 37. TM Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Radium, total alpha-emitting	BGO 46B
Tritium	BGO 11DR

Table 38. TM Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Radium, total alpha-emitting	BGO 14DR, BGO 19DR, BGO 34D, BGO 41A, BSE 1C1, BSW 3D2, BSW 7D2
Tritium	LAW 2C

Table 39. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GE and WA

Analyte	Wells
Alkalinity (as $CaCO_3$)	BGO 27C
2-Chloroethyl vinyl ether	BGO 10AA, BGO 11DR, BGO 12CX, BGO 16AR, BGO 18A, BGO 27C, BGO 37C, BGO 43D, BGO 46B, BGO 48C, BGO 49C, BGX 12C
trans-1,2-Dichloroethylene	BGO 37C
Lithium	BGO 18A
Nitrate-nitrite as nitrogen	BGO 11DR, BGO 16AR, BGX 12C, FSB 79A, HSB102C, HSB122A
Total dissolved solids	BGO 27C

Table 40. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and TM

Analyte	Wells
Bismuth-214	TBG 1
Gross alpha	RPC 8DL
Nonvolatile beta	FSB120C, RPC 8DL
Radium, total alpha-emitting	BGO 12CX
Radon-222	TBG 1
Specific conductance	FSB 79A
Strontium-90	BGO 48C
Tritium	RPC 11DM

Table 41. Quality Control Standards for Selected Analyses for EX

Analyte	*Certified Value*	*Performance Acceptance Limits*	*EX Result*	*Functional Guideline Code*
Acids (Lot 596)				
o-Cresol (2-Methylphenol) (µg/L)	111	35.3–128	72.0	
p-Cresol (4-Methylphenol) (µg/L)	39.5	12.1–45.7	27.0	
Pentachlorophenol (µg/L)	134	41.7–168	120	
Phenol (µg/L)	30.6	6.06–37.9	24.0	
2,4,6-Trichlorophenol (µg/L)	124	53.5–142	96.0	
Base/Neutrals (Lot 596)				
Anthracene (µg/L)	139	65.5–162	120	
Benzo[*k*]fluoranthene (µg/L)	57.6	21.0–72.5	54.0	
Bis(2-ethylhexyl) phthalate (µg/L)	113	45.6–144	100	
2-Chloronaphthalene (µg/L)	70.2	27.2–81.6	60.0	
Chrysene (µg/L)	25.0	11.6–30.7	23.0	
Dibenz(*a,h*)anthracene	30.1	10.8–38.9	29.0	
Dibenzofuran (µg/L)	102	48.5–113	88.0	
1,2-Dichlorobenzene (µg/L)	153	35.8–175	110	
1,4-Dichlorobenzene (µg/L)	32.3	7.10–38.1	24.0	
2,4-Dinitrotoluene (µg/L)	51.9	21.7–59.8	46.0	
2,6-Dinitrotoluene (µg/L)	75.0	38.5–85.0	66.0	
Fluoranthene (µg/L)	86.6	40.4-108	❖	
Naphthalene (µg/L)	75.5	26.8–86.1	62.0	
Pyrene (µg/L)	102	47.7–124	90.0	
1,2,4-Trichlorobenzene (µg/L)	143	41.7–162	98.0	
Cations (Lot 443)				
Calcium (µg/L)	101,000	90,900–111,000	97,700	
Magnesium (µg/L)	65,200	58,000–72,400	65,000	
Potassium (µg/L)	67,100	61,100–73,100	62,700	
Sodium (µg/L)	114,000	100,000–128,000	110,000	
Cyanide and Phenol (Lot 99105)				
Cyanide, total (µg/L)	906	661–1,150	1,140	
Phenols (µg/L)	169	128–210	155	J
Grease and Oil (Lot 99103)				
Grease and oil (gravimetric) (mg/bottle)	29.7	17.8–37.1	22.4	
Herbicides (Lot 3236)				
2-sec-Butyl-4,6-dinotrophenol (Dinoseb) (µg/L)	40.3	13.2–52.0	34.0	
2,4-Dichlorophenoxyacetic acid (µg/L)	40.6	20.3–60.9	2.80 ◆	
2,4,5-T (µg/L)	25.0	12.5–37.5	36.0	
2,4,5-TP (Silvex) (µg/L)	80.3	40.2–120	90.0	
Inorganics (Lot 3444)				
Alkalinity (as $CaCO_3$) (µg/L)	72,500	67,500–81,900	69,000	
Chloride (µg/L)	19,800	17,600–22,400	21,800	
Fluoride (µg/L)	4,030	3,630–4,430	4,040	
Nitrate as nitrogen (µg/L)	8,510	7,660–9,360	8,520	
pH (pH units)	8.97	8.77–9.17	9.07	
Potassium (µg/L)	32,000	27,500–37,400	31,200	
Sodium (µg/L)	53,200	48,100–59,100	54,100	
Specific conductance (µS/cm)	338	283–385	345	
Sulfate (µg/L)	17,800	15,300–20,100	18,200	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*EX Result*	*Functional Guideline Code*
Nutrients (Lot 99104)				
Ammonia as nitrogen (µg/L)	11,800	9,910–13,700	12,000	
Nitrate-nitrite as nitrogen (µg/L)	5,820	5,180–6,460	6,150	
Total phosphates (as P) (µg/L)	4,910	4,170–5,650	5,880 ◆	
PCBs (Lot 595)				
PCB 1242 (µg/L)	10.5	6.10–12.8	9.0	
Pesticides (Lot 3236)				
Aldrin (µg/L)	1.64	0.902–2.38	1.70	
Dieldrin (µg/L)	1.23	0.677–1.78	1.20	
Endrin (µg/L)	1.39	0.973–1.81	1.50	
Heptachlor (µg/L)	4.26	2.346–.18	3.80	
Heptachlor epoxide (µg/L)	4.58	2.526–.64	4.90	
Lindane (µg/L)	2.00	1.102–.90	2.20	
Methoxychlor (µg/L)	35.9	19.75–2.1	39.0	
Total Petroleum Hydrocarbons (Lot 8925)				
Total petroleum hydrocarbons, infrared (mg/L)	75.2	46.9–97.5	112 ◆	
Toxaphene (Lot 3236)				
Toxaphene (µg/L)	12.8	7.04–18.6	13.0	
Trace Metals (Lot 99105)				
Aluminum (µg/L)	2,330	1,910–2,750	2,370	
Antimony (µg/L)	373	280–440	361	
Arsenic (µg/L)	701	526–827	669	
Barium (µg/L)	395	324–466	374	
Beryllium (µg/L)	593	486–700	594	
Boron (µg/L)	195	160–230	199	
Cadmium (µg/L)	77.8	63.8–91.8	68.3	
Chromium (µg/L)	791	649–933	819	
Cobalt (µg/L)	441	362–520	462	
Copper (µg/L)	348	285–411	335	
Iron (µg/L)	2,610	2,140–3,080	2,700	
Lead (µg/L)	106	86.9–125	99.6	
Manganese (µg/L)	787	645–929	787	
Mercury (µg/L)	10.3	7.73–12.9	10.9	
Molybdenum (µg/L)	573	470–676	588	
Nickel (µg/L)	1,210	992–1,430	1,240	
Selenium (µg/L)	406	305–479	404	
Silver (µg/L)	457	375–539	448	
Strontium (µg/L)	164	134–194	158	
Thallium (µg/L)	471	353–556	450	
Vanadium (µg/L)	509	417–601	506	
Zinc (µg/L)	1,050	861–1,240	1,090	
Turbidity (Lot 3444)				
Turbidity (NTU)	2.73	2.32–3.19	2.82	
Volatiles (Lot 596)				
Benzene (µg/L)	28.0	21.7–34.9	31.0	
Bromodichloromethane (µg/L)	55.4	42.6–69.0	69.0	
Bromoform (µg/L)	72.3	52.9–93.0	89.0	
Carbon tetrachloride (µg/L)	60.5	44.5–75.3	65.0	
Chlorobenzene (µg/L)	51.5	40.3–61.8	56.0	
Chloroform (µg/L)	46.3	35.5–56.6	52.0	

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Dibromochloromethane (µg/L)	74.3	57.891.6	92.0 ◆	
1,2-Dichlorobenzene (µg/L)	16.1	12.219.8	19.0	
1,3-Dichlorobenzene (µg/L)	30.3	23.236.5	33.0	
1,4-Dichlorobenzene (µg/L)	59.3	44.672.3	66.0	
1,2-Dichloroethane (µg/L)	48.5	37.961.0	54.0	
Dichloromethane (Methylene chloride) (µg/L)	49.3	34.964.2	52.0	
1,2-Dichloropropane	10.9	8.2113.3	13.0	
Ethylbenzene (µg/L)	42.2	31.649.3	46.0	
2-Hexanone (µg/L)	111	65.4161	130	
Methyl isobutyl ketone (MIBK) (µg/L)	46.7	27.063.7	56.0	
Tetrachloroethylene (µg/L)	10.1	7.4612.2	10.0	
Toluene (µg/L)	7.04	5.428.49	7.60	
1,1,1-Trichloroethane (µg/L)	15.6	11.318.6	16.0	
Trichloroethylene (µg/L)	71.6	53.186.7	79.0	
m/p-Xylene (µg/L)	70.6	45.788.8	79.0	
Xylenes, total (µg/L)	70.6	45.788.8	79.0	

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

Table 42. Quality Control Standards for Selected Analyses for GE

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Acids (Lot 596)				
o-Cresol (2-Methylphenol) (µg/L)	111	35.3128	68.7	
p-Cresol (4-Methylphenol) (µg/L)	39.5	12.145.7	21.7	
Pentachlorophenol (µg/L)	134	41.7168	94.4	
Phenol (µg/L)	30.6	6.0637.9	6.96	J
2,4,6-Trichlorophenol (µg/L)	124	53.5142	93.3	
Base/Neutrals (Lot 596)				
Anthracene (µg/L)	139	65.5162	117	
Benzo[*k*]fluoranthene (µg/L)	57.6	21.072.5	41.9	
Bis(2-ethylhexyl) phthalate (µg/L)	113	45.6144	103	
2-Chloronaphthalene (µg/L)	70.2	27.281.6	61.1	
Chrysene (µg/L)	25.0	11.630.7	17.9	
Dibenz(*a,h*)anthracene	30.1	10.838.9	18.1	
Dibenzofuran (µg/L)	102	48.5113	91.9	
1,2-Dichlorobenzene (µg/L)	153	35.8175	118	
1,4-Dichlorobenzene (µg/L)	32.3	7.1038.1	23.7	
2,4-Dinitrotoluene (µg/L)	51.9	21.759.8	40.0	
2,6-Dinitrotoluene (µg/L)	75.0	38.585.0	60.3	
Fluoranthene (µg/L)	86.6	40.4108	❖	
Naphthalene (µg/L)	75.5	26.886.1	48.8	
Pyrene (µg/L)	102	47.7124	85.7	
1,2,4-Trichlorobenzene (µg/L)	143	41.7162	117	
Cations (Lot 443)				
Calcium (µg/L)	101,000	90,900111,000	99,200	
Magnesium (µg/L)	65,200	58,00072,400	66,200	
Potassium (µg/L)	67,100	61,10073,100	64,600	
Sodium (µg/L)	114,000	100,000128,000	124,000	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*GE Result*	*Functional Guideline Code*
Cyanide and Phenol (Lot 99105)				
Cyanide, total (µg/L)	906	661–1,150	699	
Phenols (µg/L)	169	128–210	161	J
Grease and Oil (Lot 99103)				
Grease and oil (gravimetric) (mg/bottle)	29.7	17.8–37.1	28.7	
Herbicides (Lot 3236)				
2-sec-Butyl-4,6-dinotrophenol (Dinoseb) (µg/L)	40.3	13.2–52.0	❖	
2,4-Dichlorophenoxyacetic acid (µg/L)	40.6	20.3–60.9	33.5	
2,4,5-T (µg/L)	25.0	12.5–37.5	23.2	
2,4,5-TP (Silvex) (µg/L)	80.3	40.2–120	71.6	
Inorganics (Lot 3444)				
Alkalinity (as $CaCO_3$) (µg/L)	72,500	67,500–81,900	67,700	
Chloride (µg/L)	19,800	17,600–22,400	20,400	
Fluoride (µg/L)	4,030	3,630–4,430	3,900	
Nitrate as nitrogen (µg/L)	8,510	7,660–9,360	8,780	
pH (pH units)	8.97	8.77–9.17	8.90	
Potassium (µg/L)	32,000	27,500–37,400	31,900	
Sodium (µg/L)	53,200	48,100–59,100	54,600	
Specific conductance (µS/cm)	338	283–385	350	
Sulfate (µg/L)	17,800	15,300–20,100	16,900	
Total dissolved solids (µg/L)	297,000	244,000–333,000	272,000	
Nutrients (Lot 99104)				
Ammonia as nitrogen (µg/L)	11,800	9,910–13,700	10,700	
Nitrate-nitrite as nitrogen (µg/L)	5,820	5,180–6,460	5,750	
Total phosphates (as P) (µg/L)	4,910	4,170–5,650	4,860	
PCBs (Lot 595)				
PCB 1242 (µg/L)	10.5	6.10–12.8	10.7	
Pesticides (Lot 3236)				
Aldrin (µg/L)	1.64	0.902–2.38	1.11	
Dieldrin (µg/L)	1.23	0.677–1.78	0.978	
Endrin (µg/L)	1.39	0.973–1.81	0.998	
Heptachlor (µg/L)	4.26	2.34–6.18	3.18	
Heptachlor epoxide (µg/L)	4.58	2.52–6.64	3.17	
Lindane (µg/L)	2.00	1.10–2.90	1.45	
Methoxychlor (µg/L)	35.9	19.7–52.1	30.1	
Total Petroleum Hydrocarbons (Lot 8925)				
Total petroleum hydrocarbons, infrared (mg/L)	75.2	46.9–97.5	†	
Toxaphene (Lot 3236)				
Toxaphene (µg/L)	12.8	7.04–18.6	❖	
Trace Metals (Lot 99105)				
Aluminum (µg/L)	2,330	1,910–2,750	2,390	
Antimony (µg/L)	373	280–440	382	
Arsenic (µg/L)	701	526–827	692	
Barium (µg/L)	395	324–466	390	
Beryllium (µg/L)	593	486–700	576	
Boron (µg/L)	195	160–230	202	
Cadmium (µg/L)	77.8	63.8–91.8	76.6	

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Chromium (µg/L)	791	649933	803	
Cobalt (µg/L)	441	362520	448	
Copper (µg/L)	348	285411	341	
Iron (µg/L)	2,610	2,1403,080	2,590	
Lead (µg/L)	106	86.9125	108	
Manganese (µg/L)	787	645929	792	
Mercury (µg/L)	10.3	7.7312.9	9.63	
Molybdenum (µg/L)	573	470676	575	
Nickel (µg/L)	1,210	9921,430	1,220	
Selenium (µg/L)	406	305479	393	
Silver (µg/L)	457	375539	412	
Strontium (µg/L)	164	134194	163	
Thallium (µg/L)	471	353556	469	
Vanadium (µg/L)	509	417601	504	
Zinc (µg/L)	1,050	8611,240	1,040	
Turbidity (Lot 3444)				
Turbidity (NTU)	2.73	2.323.19	2.53	
Volatiles (Lot 596)				
Benzene (µg/L)	28.0	21.734.9	25.2	
Bromodichloromethane (µg/L)	55.4	42.669.0	50.6	
Bromoform (µg/L)	72.3	52.993.0	80.6	
Carbon tetrachloride (µg/L)	60.5	44.575.3	51.4	
Chlorobenzene (µg/L)	51.5	40.361.8	48.0	
Chloroform (µg/L)	46.3	35.556.6	41.3	
Dibromochloromethane (µg/L)	74.3	57.891.6	73.2	
1,2-Dichlorobenzene (µg/L)	16.1	12.219.8	15.7	
1,3-Dichlorobenzene (µg/L)	30.3	23.236.5	29.2	
1,4-Dichlorobenzene (µg/L)	59.3	44.672.3	54.4	
1,2-Dichloroethane (µg/L)	48.5	37.961.0	43.0	
Dichloromethane (Methylene chloride) (µg/L)	49.3	34.964.2	48.5	
1,2-Dichloropropane	10.9	8.2113.3	10.0	
Ethylbenzene (µg/L)	42.2	31.649.3	36.6	
2-Hexanone (µg/L)	111	65.4161	82.1	
Methyl isobutyl ketone (MIBK) (µg/L)	46.7	27.063.7	42.8	
Tetrachloroethylene (µg/L)	10.1	7.4612.2	9.61	
Toluene (µg/L)	7.04	5.428.49	6.39	
1,1,1-Trichloroethane (µg/L)	15.6	11.318.6	13.5	
Trichloroethylene (µg/L)	71.6	53.186.7	64.4	
m/p-Xylene (µg/L)	70.6	45.788.8	63.8	
Xylenes, total (µg/L)	70.6	45.788.8	63.8	

J The analytical result is an estimated quantity.
❖ Value not reported by laboratory.
◆ Result is out of range.
† The laboratory was not asked to report the results for this analysis.

Table 43. Quality Control Standards for Selected Analyses for WA

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Acids (Lot 596)				
o-Cresol (2-Methylphenol) (µg/L)	111	35.3128	52.8	
p-Cresol (4-Methylphenol) (µg/L)	39.5	12.145.7	17.4	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*WA Result*	*Functional Guideline Code*
Pentachlorophenol (µg/L)	134	41.7–168	70.5	
Phenol (µg/L)	30.6	6.06–37.9	6.62	J
2,4,6-Trichlorophenol (µg/L)	124	53.5–142	75.6	
Base/Neutrals (Lot 596)				
Anthracene (µg/L)	139	65.5–162	158	
Benzo[*k*]fluoranthene (µg/L)	57.6	21.0–72.5	52.2	
Bis(2-ethylhexyl) phthalate (µg/L)	113	45.6–144	119	
2-Chloronaphthalene (µg/L)	70.2	27.2–81.6	68.1	
Chrysene (µg/L)	25.0	11.6–30.7	22.3	
Dibenz(*a,h*)anthracene	30.1	10.8–38.9	25.4	
Dibenzofuran (µg/L)	102	48.5–113	93.1	
1,2-Dichlorobenzene (µg/L)	153	35.8–175	145	
1,4-Dichlorobenzene (µg/L)	32.3	7.10–38.1	24.8	
2,4-Dinitrotoluene (µg/L)	51.9	21.7–59.8	44.8	
2,6-Dinitrotoluene (µg/L)	75.0	38.5–85.0	67.9	
Fluoranthene (µg/L)	86.6	40.4–108	❖	
Naphthalene (µg/L)	75.5	26.8–86.1	61.9	
Pyrene (µg/L)	102	47.7–124	121	
1,2,4-Trichlorobenzene (µg/L)	143	41.7–162	144	
Cations (Lot 443)				
Calcium (µg/L)	101,000	90,900–111,000	99,500	
Magnesium (µg/L)	65,200	58,000–72,400	66,200	
Potassium (µg/L)	67,100	61,100–73,100	67,200	
Sodium (µg/L)	114,000	100,000–128,000	108,000	
Cyanide and Phenol (Lot 99105)				
Cyanide, total (µg/L)	906	661–1,150	815	
Phenols (µg/L)	169	128–210	145	
Grease and Oil (Lot 99103)				
Grease and oil (gravimetric) (mg/bottle)	29.7	17.8–37.1	16.3 ◆	
Herbicides (Lot 3236)				
2-sec-Butyl-4,6-dinotrophenol (Dinoseb) (µg/L)	40.3	13.2–52.0	2.65 ◆	
2,4-Dichlorophenoxyacetic acid (µg/L)	40.6	20.3–60.9	44.1	
2,4,5-T (µg/L)	25.0	12.5–37.5	31.8	
2,4,5-TP (Silvex) (µg/L)	80.3	40.2–120	79.2	
Inorganics (Lot 3444)				
Alkalinity (as $CaCO_3$) (µg/L)	72,500	67,500–81,900	70,000	
Chloride (µg/L)	19,800	17,600–22,400	22,200	
Fluoride (µg/L)	4,030	3,630–4,430	4,380	
Nitrate as nitrogen (µg/L)	8,510	7,660–9,360	8,340	
pH (pH units)	8.97	8.77–9.17	8.82	
Potassium (µg/L)	32,000	27,500–37,400	31,700	
Sodium (µg/L)	53,200	48,100–59,100	50,100	
Specific conductance (µS/cm)	338	283–385	306	
Sulfate (µg/L)	17,800	15,300–20,100	17,900	
Total dissolved solids (µg/L)	297,000	244,000–333,000	281,000	
Nutrients (Lot 99104)				
Ammonia as nitrogen (µg/L)	11,800	9,910–13,700	14,200 ◆	
Nitrate-nitrite as nitrogen (µg/L)	5,820	5,180–6,460	5,570	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*WA Result*	*Functional Guideline Code*
Total phosphates (as P) (µg/L)	4,910	4,1705,650	5,100	
PCBs (Lot 595)				
PCB 1242 (µg/L)	10.5	6.1012.8	7.75	
Pesticides (Lot 3236)				
Aldrin (µg/L)	1.64	0.9022.38	1.23	
Dieldrin (µg/L)	1.23	0.6771.78	1.09	
Endrin (µg/L)	1.39	0.9731.81	1.40	
Heptachlor (µg/L)	4.26	2.3466.18	3.94	
Heptachlor epoxide (µg/L)	4.58	2.5266.64	3.57	
Lindane (µg/L)	2.00	1.1022.90	1.50	
Methoxychlor (µg/L)	35.9	19.7552.1	<2.50 ◆	
Total Petroleum Hydrocarbons (Lot 8925)				
Total petroleum hydrocarbons, infrared (mg/L)	75.2	46.9997.5	82.4	J
Toxaphene (Lot 3236)				
Toxaphene (µg/L)	12.8	7.0418.6	7.01 ◆	
Trace Metals (Lot 99105)				
Aluminum (µg/L)	2,330	1,9102,750	2,410	
Antimony (µg/L)	373	280440	385	
Arsenic (µg/L)	701	526827	706	
Barium (µg/L)	395	324466	398	
Beryllium (µg/L)	593	486700	586	
Boron (µg/L)	195	160230	192	J
Cadmium (µg/L)	77.8	63.8991.8	78.3	
Chromium (µg/L)	791	649933	800	
Cobalt (µg/L)	441	362520	458	
Copper (µg/L)	348	285411	346	
Iron (µg/L)	2,610	2,1403,080	2,620	
Lead (µg/L)	106	86.9125	109	
Manganese (µg/L)	787	645929	827	
Mercury (µg/L)	10.3	7.7312.9	10.6	
Molybdenum (µg/L)	573	470676	574	
Nickel (µg/L)	1,210	9921,430	1,240	
Selenium (µg/L)	406	305479	421	
Silver (µg/L)	457	375539	462	
Strontium (µg/L)	164	134194	165	
Thallium (µg/L)	471	353556	482	
Vanadium (µg/L)	509	417601	520	
Zinc (µg/L)	1,050	8611,240	1,070	
Turbidity (Lot 3444)				
Turbidity (NTU)	2.73	2.323.19	3.29 ◆	
Volatiles (Lot 596)				
Benzene (µg/L)	28.0	21.7334.9	26.6	
Bromodichloromethane (µg/L)	55.4	42.6669.0	52.5	
Bromoform (µg/L)	72.3	52.9993.0	62.3	
Carbon tetrachloride (µg/L)	60.5	44.5775.3	50.0	
Chlorobenzene (µg/L)	51.5	40.3661.8	52.6	
Chloroform (µg/L)	46.3	35.5556.6	46.9	
Dibromochloromethane (µg/L)	74.3	57.8991.6	69.9	
1,2-Dichlorobenzene (µg/L)	16.1	12.2119.8	13.4	
1,3-Dichlorobenzene (µg/L)	30.3	23.2336.5	26.6	

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
1,4-Dichlorobenzene (µg/L)	59.3	44.672.3	58.4	
1,2-Dichloroethane (µg/L)	48.5	37.961.0	43.7	
Dichloromethane (Methylene chloride) (µg/L)	49.3	34.964.2	53.6	
1,2-Dichloropropane	10.9	8.2113.3	9.54	
Ethylbenzene (µg/L)	42.2	31.649.3	43.0	
2-Hexanone (µg/L)	111	65.4161	94.7	
Methyl isobutyl ketone (MIBK) (µg/L)	46.7	27.063.7	32.0	
Tetrachloroethylene (µg/L)	10.1	7.4612.2	❖	
Toluene (µg/L)	7.04	5.428.49	6.54	
1,1,1-Trichloroethane (µg/L)	15.6	11.318.6	12.7	
Trichloroethylene (µg/L)	71.6	53.186.7	71.2	
m/p-Xylene (µg/L)	70.6	45.788.8	72.9	
Xylenes, total (µg/L)	70.6	45.788.8	74.8	

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

Table 44. Quality Control Standards for Selected Analyses for EM

Analyte	Certified Value	Performance Acceptance Limits	EM Result	Functional Guideline Code
Acids (Lot 596)				
o-Cresol (2-Methylphenol) (µg/L)	111	35.3128	†	
p-Cresol (4-Methylphenol) (µg/L)	39.5	12.145.7	†	
Pentachlorophenol (µg/L)	134	41.7168	†	
Phenol (µg/L)	30.6	6.0637.9	†	
2,4,6-Trichlorophenol (µg/L)	124	53.5142	†	
Base/Neutrals (Lot 596)				
Anthracene (µg/L)	139	65.5162	†	
Benzo[*k*]fluoranthene (µg/L)	57.6	21.072.5	†	
Bis(2-ethylhexyl) phthalate (µg/L)	113	45.6144	†	
2-Chloronaphthalene (µg/L)	70.2	27.281.6	†	
Chrysene (µg/L)	25.0	11.630.7	†	
Dibenz(*a,h*)anthracene	30.1	10.838.9	†	
Dibenzofuran (µg/L)	102	48.5113	†	
1,2-Dichlorobenzene (µg/L)	153	35.8175	†	
1,4-Dichlorobenzene (µg/L)	32.3	7.1038.1	†	
2,4-Dinitrotoluene (µg/L)	51.9	21.759.8	†	
2,6-Dinitrotoluene (µg/L)	75.0	38.585.0	†	
Fluoranthene (µg/L)	86.6	40.4108	†	
Naphthalene (µg/L)	75.5	26.886.1	†	
Pyrene (µg/L)	102	47.7124	†	
1,2,4-Trichlorobenzene (µg/L)	143	41.7162	†	
Cations (Lot 443)				
Calcium (µg/L)	101,000	90,900111,000	†	
Magnesium (µg/L)	65,200	58,00072,400	†	
Potassium (µg/L)	67,100	61,10073,100	†	
Sodium (µg/L)	114,000	100,000128,000	†	
Cyanide and Phenol (Lot 99105)				
Cyanide, total (µg/L)	906	661,150	†	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*EM Result*	*Functional Guideline Code*
Grease and Oil (Lot 99103)				
Grease and oil (gravimetric) (mg/bottle)	29.7	17.837.1	†	
Herbicides (Lot 3236)				
2-sec-Butyl-4,6-dinotrophenol (Dinoseb) (µg/L)	40.3	13.252.0	†	
2,4-Dichlorophenoxyacetic acid (µg/L)	40.6	20.360.9	†	
2,4,5-T (µg/L)	25.0	12.537.5	†	
2,4,5-TP (Silvex) (µg/L)	80.3	40.2120	†	
Inorganics (Lot 3444)				
Alkalinity (as $CaCO_3$) (µg/L)	72,500	67,50081,900	†	
Chloride (µg/L)	19,800	17,60022,400	†	
Fluoride (µg/L)	4,030	3,6304,430	†	
Nitrate as nitrogen (µg/L)	8,510	7,6609,360	†	
pH (pH units)	8.97	8.779.17	†	
Potassium (µg/L)	32,000	27,50037,400	†	
Sodium (µg/L)	53,200	48,10059,100	†	
Specific conductance (µS/cm)	338	283385	†	
Sulfate (µg/L)	17,800	15,30020,100	†	
Total dissolved solids (µg/L)	297,000	244,000333,000	†	
Nutrients (Lot 99104)				
Ammonia as nitrogen (µg/L)	11,800	9,91013,700	†	
Nitrate-nitrite as nitrogen (µg/L)	5,820	5,1806,460	†	
Total phosphates (as P) (µg/L)	4,910	4,1705,650	†	
PCBs (Lot 595)				
PCB 1242 (µg/L)	10.5	6.1012.8	†	
Pesticides (Lot 3236)				
Aldrin (µg/L)	1.64	0.9022.38	†	
Dieldrin (µg/L)	1.23	0.6771.78	†	
Endrin (µg/L)	1.39	0.9731.81	†	
Heptachlor (µg/L)	4.26	2.346.18	†	
Heptachlor epoxide (µg/L)	4.58	2.526.64	†	
Lindane (µg/L)	2.00	1.102.90	†	
Methoxychlor (µg/L)	35.9	19.752.1	†	
Total Petroleum Hydrocarbons (Lot 8925)				
Total petroleum hydrocarbons, infrared (mg/L)	75.2	46.997.5	†	
Toxaphene (Lot 3236)				
Toxaphene (µg/L)	12.8	7.0418.6	†	
Trace Metals (Lot 99105)				
Aluminum (µg/L)	2,330	1,9102,750	2,232	
Antimony (µg/L)	373	280440	393.4	
Arsenic (µg/L)	701	526827	657.6	
Barium (µg/L)	395	324466	414.7	
Beryllium (µg/L)	593	486700	565.2	
Boron (µg/L)	195	160230	171.9	
Cadmium (µg/L)	77.8	63.891.8	77.9	
Chromium (µg/L)	791	649933	782.1	
Cobalt (µg/L)	441	362520	464.5	
Copper (µg/L)	348	285411	334.6	
Iron (µg/L)	2,610	2,1403,080	2,608	
Lead (µg/L)	106	86.9125	101.8	

Analyte	Certified Value	Performance Acceptance Limits	EM Result	Functional Guideline Code
Manganese (µg/L)	787	645929	821.9	
Mercury (µg/L)	10.3	7.7312.9	10.3	
Molybdenum (µg/L)	573	470676	589.9	
Nickel (µg/L)	1,210	9921,430	1,237	
Selenium (µg/L)	406	305479	385.4	
Silver (µg/L)	457	375539	472	
Strontium (µg/L)	164	134194	120 ◆	
Thallium (µg/L)	471	353556	460.8	
Vanadium (µg/L)	509	417601	482.4	
Zinc (µg/L)	1,050	8611,240	1,075	
Turbidity (Lot 3444)				
Turbidity (NTU)	2.73	2.323.19	†	
Volatiles (Lot 596)				
Benzene (µg/L)	28.0	21.734.9	❖	
Bromodichloromethane (µg/L)	55.4	42.669.0	❖	
Bromoform (µg/L)	72.3	52.993.0	❖	
Carbon tetrachloride (µg/L)	60.5	44.575.3	❖	
Chlorobenzene (µg/L)	51.5	40.361.8	❖	
Chloroform (µg/L)	46.3	35.556.6	❖	
Dibromochloromethane (µg/L)	74.3	57.891.6	❖	
1,2-Dichlorobenzene (µg/L)	16.1	12.219.8	❖	
1,3-Dichlorobenzene (µg/L)	30.3	23.236.5	❖	
1,4-Dichlorobenzene (µg/L)	59.3	44.672.3	❖	
1,2-Dichloroethane (µg/L)	48.5	37.961.0	❖	
Dichloromethane (Methylene chloride) (µg/L)	49.3	34.964.2	❖	
1,2-Dichloropropane	10.9	8.2113.3	❖	
Ethylbenzene (µg/L)	42.2	31.649.3	❖	
2-Hexanone (µg/L)	111	65.4161	❖	
Methyl isobutyl ketone (MIBK) (µg/L)	46.7	27.063.7	❖	
Tetrachloroethylene (µg/L)	10.1	7.4612.2	❖	
Toluene (µg/L)	7.04	5.428.49	❖	
1,1,1-Trichloroethane (µg/L)	15.6	11.318.6	❖	
Trichloroethylene (µg/L)	71.6	53.186.7	❖	
m/p-Xylene (µg/L)	70.6	45.788.8	❖	
Xylenes, total (µg/L)	70.6	45.788.8	❖	

† The laboratory was not asked to report the results for this analysis.
◆ Result is out of range.
❖ Value not reported by laboratory.

Table 45. Quality Control Standards for Selected Analyses for ML

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Acids (Lot 596)				
o-Cresol (2-Methylphenol) (µg/L)	111	35.3128	58.7	
p-Cresol (4-Methylphenol) (µg/L)	39.5	12.145.7	20.9	
Pentachlorophenol (µg/L)	134	41.7168	108	
Phenol (µg/L)	30.6	6.0637.9	8.33	
2,4,6-Trichlorophenol (µg/L)	124	53.5142	92.6	
Base/Neutrals (Lot 596)				
Anthracene (µg/L)	139	65.5162	122	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*ML Result*	*Functional Guideline Code*
Benzo[*k*]fluoranthene (µg/L)	57.6	21.072.5	53.6	
Bis(2-ethylhexyl) phthalate (µg/L)	113	45.6144	99.4	
2-Chloronaphthalene (µg/L)	70.2	27.281.6	47.8	
Chrysene (µg/L)	25.0	11.630.7	22.9	
Dibenz(*a,h*)anthracene	30.1	10.838.9	27.4	
Dibenzofuran (µg/L)	102	48.5113	71.0	
1,2-Dichlorobenzene (µg/L)	153	35.8175	79.7	
1,4-Dichlorobenzene (µg/L)	32.3	7.1038.1	16.6	
2,4-Dinitrotoluene (µg/L)	51.9	21.759.8	45.2	
2,6-Dinitrotoluene (µg/L)	75.0	38.585.0	63.4	
Fluoranthene (µg/L)	86.6	40.4108	❖	
Naphthalene (µg/L)	75.5	26.886.1	44.7	
Pyrene (µg/L)	102	47.7124	86.5	
1,2,4-Trichlorobenzene (µg/L)	143	41.7162	83.8	
Cations (Lot 443)				
Calcium (µg/L)	101,000	90,900111,000	†	
Magnesium (µg/L)	65,200	58,00072,400	†	
Potassium (µg/L)	67,100	61,10073,100	†	
Sodium (µg/L)	114,000	100,000128,000	†	
Cyanide and Phenol (Lot 99105)				
Cyanide, total (µg/L)	906	661-1,150	†	
Phenols (µg/L)	169	128210	†	
Grease and Oil (Lot 99103)				
Grease and oil (gravimetric) (mg/bottle)	29.7	17.837.1	†	
Herbicides (Lot 3236)				
2-sec-Butyl-4,6-dinotrophenol (Dinoseb) (µg/L)	40.3	13.252.0	†	
2,4-Dichlorophenoxyacetic acid (µg/L)	40.6	20.360.9	†	
2,4,5-T (µg/L)	25.0	12.537.5	†	
2,4,5-TP (Silvex) (µg/L)	80.3	40.2120	†	
Inorganics (Lot 3444)				
Alkalinity (as $CaCO_3$) (µg/L)	72,500	67,50081,900	†	
Chloride (µg/L)	19,800	17,60022,400	†	
Fluoride (µg/L)	4,030	3,6304,430	†	
Nitrate as nitrogen (µg/L)	8,510	7,6609,360	†	
pH (pH units)	8.97	8.779.17	†	
Potassium (µg/L)	32,000	27,50037,400	†	
Sodium (µg/L)	53,200	48,10059,100	†	
Specific conductance (µS/cm)	338	283385	†	
Sulfate (µg/L)	17,800	15,30020,100	†	
Total dissolved solids (µg/L)	297,000	244,000333,000	†	
Nutrients (Lot 99104)				
Ammonia as nitrogen (µg/L)	11,800	9,9101-3,700	†	
Nitrate-nitrite as nitrogen (µg/L)	5,820	5,1806,460	†	
Total phosphates (as P) (µg/L)	4,910	4,1705,650	†	
PCBs (Lot 595)				
PCB 1242 (µg/L)	10.5	6.101-2.8	<1.0 ◆	
Pesticides (Lot 3236)				
Aldrin (µg/L)	1.64	0.9022.38	1.36	
Dieldrin (µg/L)	1.23	0.6771.78	1.11	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*ML Result*	*Functional Guideline Code*
Endrin (µg/L)	1.39	0.9731.81	1.42	
Heptachlor (µg/L)	4.26	2.3466.18	5.27	
Heptachlor epoxide (µg/L)	4.58	2.5266.64	5.81	
Lindane (µg/L)	2.00	1.1022.90	1.79	
Methoxychlor (µg/L)	35.9	19.7552.1	35.4	
Total Petroleum Hydrocarbons (Lot 8925)				
Total petroleum hydrocarbons, infrared (mg/L)	75.2	46.9975	†	
Toxaphene (Lot 3236)				
Toxaphene (µg/L)	12.8	7.0418.6	†	
Trace Metals (Lot 99105)				
Aluminum (µg/L)	2,330	1,9102,750	2,330	
Antimony (µg/L)	373	280440	364	
Arsenic (µg/L)	701	526827	673	
Barium (µg/L)	395	324466	386	
Beryllium (µg/L)	593	486700	561	
Boron (µg/L)	195	160230	†	
Cadmium (µg/L)	77.8	63.891.8	74.3	
Chromium (µg/L)	791	649933	770	
Cobalt (µg/L)	441	362520	436	
Copper (µg/L)	348	285411	337	
Iron (µg/L)	2,610	2,1403,080	2,580	
Lead (µg/L)	106	86.9125	105	
Manganese (µg/L)	787	645929	779	
Mercury (µg/L)	10.3	7.7312.9	9.54	
Molybdenum (µg/L)	573	470676	†	
Nickel (µg/L)	1,210	9921,430	1,190	
Selenium (µg/L)	406	305479	384	
Silver (µg/L)	457	375539	445	
Strontium (µg/L)	164	134194	†	
Thallium (µg/L)	471	353556	462	
Vanadium (µg/L)	509	417601	497	
Zinc (µg/L)	1,050	8611,240	1,020	
Turbidity (Lot 3444)				
Turbidity (NTU)	2.73	2.323.19	†	
Volatiles (Lot 596)				
Benzene (µg/L)	28.0	21.734.9	24.7	
Bromodichloromethane (µg/L)	55.4	42.669.0	55.0	
Bromoform (µg/L)	72.3	52.993.0	72.8	
Carbon tetrachloride (µg/L)	60.5	44.575.3	52.8	
Chlorobenzene (µg/L)	51.5	40.361.8	50.5	
Chloroform (µg/L)	46.3	35.556.6	43.8	
Dibromochloromethane (µg/L)	74.3	57.891.6	72.8	
1,2-Dichlorobenzene (µg/L)	16.1	12.219.8	†	
1,3-Dichlorobenzene (µg/L)	30.3	23.236.5	< 2.0 ◆	
1,4-Dichlorobenzene (µg/L)	59.3	44.672.3	†	
1,2-Dichloroethane (µg/L)	48.5	37.961.0	44.6	
Dichloromethane (Methylene chloride) (µg/L)	49.3	34.964.2	49.1	
1,2-Dichloropropane	10.9	8.2113.3	11.1	
Ethylbenzene (µg/L)	42.2	31.649.3	40.9	
2-Hexanone (µg/L)	111	65.4161	113	
Methyl isobutyl ketone (MIBK) (µg/L)	46.7	27.063.7	48.5	
Tetrachloroethylene (µg/L)	10.1	7.4612.2	8.26	
Toluene (µg/L)	7.04	5.428.49	7.34	

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
1,1,1-Trichloroethane (µg/L)	15.6	11.318.6	14.3	
Trichloroethylene (µg/L)	71.6	53.1~~8~~6.7	64.0	
Xylenes, total (µg/L)	70.6	45.7~~8~~8.8	68.1	

❖ Value not reported by laboratory.
† The laboratory was not asked to report the results for this analysis.
◆ Result is out of range.

Table 46. ML Performance Evaluation, Water Pollution Study WP69

Analyte	ML Result	Assigned Value	Acceptance Limits
Acids			
4-Chloro-3-methylphenol (µg/L)	61.3	58.5	21.8~~7~~5.3
2-Chlorophenol (µg/L)	111	131	37.5~~1~~64
2,4-Dichlorophenol (µg/L)	105	112	40.4~~1~~35
2,4-Dimethyl phenol (µg/L)	98.2	92.2	19.0~~1~~21
4,6-Dinitro-2-methylphenol (µg/L)	< 10.0	< 10.0	❖
2,4-Dinitrophenol (µg/L)	38.3	105	D.L.~~1~~42
2-Methylphenol (µg/L)	17.2	20.5	D.L.~~2~~8.2
3-Methylphenol (µg/L)	< 2.00	< 10.0	❖
4-Methylphenol (µg/L)	< 2.00	< 10.0	❖
2-Nitrophenol (µg/L)	19.0	21.3	7.35~~2~~7.0
4-Nitrophenol (µg/L)	29.3	78.4	D.L.~~1~~10
Pentachlorophenol (µg/L)	107	128	34.1~~1~~77
Phenol (µg/L)	17.1	41.2	D.L.~~5~~7.9
2,4,6-Trichlorophenol (µg/L)	148	152	49.2~~2~~02
Base Neutrals			
Acenaphthene (µg/L)	< 2.00	< 10.0	❖
Acenaphthylene (µg/L)	38.4	39.8	15.2~~4~~9.8
Anthracene (µg/L)	87.3	91.1	33.2~~1~~18
Benzo[*a*]anthracene (µg/L)	50.1	42.7	23.9~~5~~0.4
Benzo[*b*]fluoranthene (µg/L)	< 2.00 ⊙	57.6	16.5~~8~~0.8
Benzo[*k*]fluoranthene (µg/L)	< 2.00	< 10.0	❖
Benzo[*g*,*h*,*i*]perylene (µg/L)	29.8	22.8	0.719~~3~~4.4
Benzo[*a*]pyrene (µg/L)	< 2.00	< 10.0	❖
Bis(2-chloroethoxy) methane (µg/L)	45.4	47.2	18.4~~5~~7.3
Bis(2-chloroethyl) ether (µg/L)	< 1.80	< 10.0	❖
Bis(2-ethylhexyl) phthalate (µg/L)	138	121	19.6~~1~~77
4-Bromophenyl-phenylether (µg/L)	< 2.00	< 10.0	❖
Butylbenzyl phthalate (µg/L)	< 2.00	< 10.0	❖
2-Chloronaphthalene (µg/L)	109	124	49.8~~1~~40
4-Chlorophenylphenyl ether (µg/L)	90.4	95.2	36.2~~1~~21
Chrysene (µg/L)	74.4	60.3	24.5~~7~~8.7
Dibenz[*a*,*h*]anthracene (µg/L)	40.1	29.8	7.21~~4~~2.3
Dibenzofuran (µg/L)	139	148	12.1~~2~~12
Di-n-butyl phthalate (µg/L)	20.5	37.6	13.9~~5~~4.5
1,2-Dichlorobenzene (µg/L)	32.9	37.0	25.9~~4~~8.1
1,3-Dichlorobenzene (µg/L)	< 2.00	< 10.0	❖
1,4-Dichlorobenzene (µg/L)	77.6	98.0	68.6~~1~~27
Diethyl phthalate (µg/L)	14.8	80.9	1.75~~1~~23
Dimethyl phthalate (µg/L)	< 2.00 ⊙	58.6	0.446~~8~~9.5
2,4-Dinitrotoluene (µg/L)	57.5	57.0	20.8~~7~~5.2
2,6-Dinitrotoluene (µg/L)	< 2.00	< 10.0	❖

Analyte	*ML Result*	*Assigned Value*	*Acceptance Limits*
Di-n-octyl phthalate (µg/L)	< 2.00	< 10.0	❖
Fluoranthene (µg/L)	< 2.00	< 10.0	❖
Fluorene (µg/L)	43.3	42.2	17.954.9
Hexachlorobenzene (µg/L)	< 2.00	< 10.0	❖
Hexachlorobutadiene (µg/L)	116	166	29.5198
Hexachlorocyclopentadiene (µg/L)	< 2.00	< 10.0	❖
Hexachloroethane (µg/L)	< 2.00	< 10.0	❖
Indeno[1,2,3-*cd*]pyrene (µg/L)	47.1	37.8	6.9350.6
Isophorone (µg/L)	138	139	46.9185
2-Methylnaphthalene (µg/L)	< 2.00	< 10.0	❖
Naphthalene (µg/L)	121	140	33.9182
2-Nitroaniline (µg/L)	< 5.00	< 10.0	❖
3-Nitroaniline (µg/L)	< 5.00	< 10.0	❖
4-Nitroaniline (µg/L)	< 24.00	< 10.0	❖
Nitrobenzene (µg/L)	52.1	56.8	19.673.9
N-Nitrosodiphenylamine (µg/L)	< 2.00	< 10.0	❖
N-Nitrosodi-n-propylamine (µg/L)	128	131	40.8170
Phenanthrene (µg/L)	53.8	53.5	25.567.8
Pyrene (µg/L)	39.2	35.4	11.452.0
1,2,4-Trichlotobenzene (µg/L)	97.9	114	33.3135
Cyanide			
Cyanide, total (mg/L)	0.635	0.686	0.4760.882
PCBs in H_20 (Standard 1)			
PCB 1248 (µg/L)	3.39	2.84	1.173.95
PCBs in H_20 (Standard 2)			
PCB 1260 (µg/L)	2.36 ◆	1.92	0.8162.58
Pesticides			
Aldrin (µg/L)	1.04	1.32	0.3361.79
alpha-BHC (µg/L)	4.20	4.68	1.826.43
beta-BHC (µg/L)	1.92	2.46	0.7673.74
delta-BHC (µg/L)	< 0.05	< 0.100	❖
gamma-BHC (Lindane) (µg/L)	6.62	7.42	2.4810.7
alpha-Chlordane (µg/L)	3.61	4.40	0.9807.28
gamma-Chlordane (µg/L)	< 0.05	< 0.100	❖
p,p¹-DDD (µg/L)	4.45	4.94	2.436.89
p,p¹-DDE (µg/L)	1.75	2.23	1.053.04
p,p¹-DDT (µg/L)	4.04	4.02	1.845.44
Dieldrin (µg/L)	1.62	2.02	1.042.79
Endrin (µg/L)	6.80	7.24	2.7810.3
Endrin aldehyde (µg/L)	< 0.05	<0.100	❖
Endrin ketone (µg/L)	< 0.05	<0.100	❖
Endosulfan I (µg/L)	< 0.05	<0.100	❖
Endosulfan II (µg/L)	18.0	27.5	5.4044.1
Endosulfan sulfate (µg/L)	16.2	18.8	3.2030.9
Heptachlor (µg/L)	1.13	1.44	0.3842.00
Heptachlor epoxide (µg/L)	1.78	2.00	1.022.57
Methoxychlor (µg/L)	2.34	2.71	0.7754.69
Toxaphene (µg/L)	2.53	2.99	0.7944.93
Trace Metals			
Aluminum (µg/L)	801	891	7571,020
Antimony (µg/L)	695	700	494841
Arsenic (µg/L)	303	317	264373
Barium (µg/L)	1,480	1,540	1,3101,750
Beryllium (µg/L)	336	342	290386

Analyte	*ML Result*	*Assigned Value*	*Acceptance Limits*
Cadmium (µg/L)	476	493	421560
Calcium (mg/L)	60.8 ◆	54.4	48.661.7
Chromium (µg/L)	741	759	662858
Cobalt (µg/L)	534	529	465593
Copper (µg/L)	425	446	404491
Iron (µg/L)	1,090	1,090	9641,230
Lead (µg/L)	759	785	687880
Magnesium (mg/L)	10.0	9.68	8.4110.9
Manganese (µg/L)	562	574	515638
Mercury (µg/L)	2.92	2.72	1.933.50
Nickel (µg/L)	1,920	1,950	1,7702,170
Potassium (mg/L)	29.8	28.6	24.732.6
Selenium (µg/L)	857	885	7031,020
Silver (µg/L)	266	272	233312
Sodium (mg/L)	65.0	63.9	57.670.2
Thallium (µg/L)	456	477	384554
Vanadium (µg/L)	4,810	4,940	4,4605,430
Zinc (µg/L)	632	630	557710
Volatiles			
Acetone (µg/L)	< 10.0	< 5.00	❖
Benzene (µg/L)	27.9	29.3	20.938.0
Bromodichloromethane (µg/L)	64.1	59.1	42.076.9
Bromoform (µg/L)	68.1	55.9	36.576.5
Bromomethane (µg/L)	< 1.00	< 5.00	❖
2-Butanone (Methyl ethyl ketone) (µg/L)	< 5.00	< 5.00	❖
Carbon disulfide (µg/L)	< 5.00	< 5.00	❖
Carbon tetrachloride (µg/L)	70.8	61.1	37.786.2
Chlorobenzene (µg/L)	36.5	35.1	25.044.6
Chlorodibromomethane (µg/L)	50.6	46.0	30.461.1
Chloroethane (µg/L)	< 1.00	< 5.00	❖
Chloroform (µg/L)	50.9	48.4	33.662.1
Chloromethane (µg/L)	< 1.00	< 5.00	❖
1,1-Dichloroethane (µg/L)	< 1.00	< 5.00	❖
1,2-Dichloroethane (µg/L)	47.9	44.7	30.959.6
1,1-Dichloroethylene (µg/L)	12.1	12.4	5.072 1.5
1,2-Dichloropropane (µg/L)	< 1.00	< 5.00	❖
Ethylbenzene (µg/L)	15.2	15.0	10.319.4
2-Hexanone (µg/L)	< 5.00	< 5.00	❖
Methylene chloride (µg/L)	29.9	29.8	18.841.5
Methyl isobutyl ketone (µg/L)	76.0	83.1	31.9129
Styrene (µg/L)	< 1.00	< 5.00	❖
1,1,2,2-Tetrachoroethane (µg/L)	< 1.00	< 5.00	❖
Tetrachloroethylene (µg/L)	38.7	36.2	23.946.5
Toluene (µg/L)	19.8	19.3	13.624.5
1,1,1-Trichloroethane (µg/L)	41.1	34.7	22.645.8
1,1,2-Trichloroethane (µg/L)	130	129	87.2168
Trichlotoethylene (µg/L)	35.0	35.6	23.246.1
Vinyl acetate (µg/L)	< 5.00	< 5.00	❖
Vinyl chloride (µg/L)	< 1.00	< 5.00	❖
Xylenes, total (µg/L)	60.7	60.3	34.082.9

❖ Acceptance limits were not provided.
⊙ Result is not acceptable.
◆ Laboratory was asked to check for error.
D.L. Detection limit

Table 47. Laboratory Control Sample Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA160.1					
Total dissolved solids	0/8	99.8	1.58	97.0	102
EPA300.0					
Sulfate	0/3	99.7	2.89	98.0	103
EPA310.1					
Alkalinity (as $CaCO_3$)	0/5	97.2	0.84	96.0	98.0
EPA353.1					
Nitrate-nitrite as nitrogen	0/19	101	8.55	82.0	117
EPA365.4					
Total phosphates (as P)	1/1	75.0	—	75.0	75.0
EPA6010B					
Aluminum	0/12	103	4.12	93.0	110
Antimony	0/10	103	4.88	93.0	109
Arsenic	0/10	101	5.60	91.0	110
Barium	0/10	104	4.34	94.0	108
Beryllium	0/3	102	1.53	101	104
Boron	0/7	98.3	5.44	88.0	104
Cadmium	0/10	104	6.97	94.0	115
Calcium	0/3	106	1.53	104	107
Chromium	0/10	105	6.15	95.0	114
Cobalt	0/3	104	2.0	102	106
Copper	0/10	101	4.16	91.0	105
Iron	0/3	104	0.0	104	104
Lead	0/19	104	5.67	93.0	116
Magnesium	0/3	104	1.53	103	106
Manganese	0/3	103	2.08	101	105
Nickel	0/10	105	6.88	94.0	114
Potassium	0/3	99.7	2.89	98.0	103
Selenium	0/10	99.3	5.46	89.0	107
Silver	0/10	97.9	3.78	91.0	103
Sodium	0/3	104	2.31	103	107
Thallium	0/3	103	1.73	102	105
Tin	0/7	103	8.18	90.0	113
Uranium	0/8	101	4.16	94.0	106
Vanadium	0/3	102	3.06	99.0	105
Zinc	0/10	103	5.64	91.0	110
EPA6020					
Aluminum	0/6	106	2.88	101	108
Antimony	1/6	121	7.53	106	126
Arsenic	0/6	94.2	6.08	87.0	103
Barium	0/6	99.7	5.20	93.0	105
Beryllium	0/23	112	6.51	92.0	119
Cadmium	0/18	99.3	4.39	92.0	106
Chromium	0/6	106	6.62	95.0	115
Cobalt	0/6	97.8	2.93	94.0	102
Copper	0/6	96.7	5.65	87.0	102
Iron	1/6	424	777	103	2,010
Lead	0/7	91.4	2.76	86.0	94.0
Lithium	1/8	108	12.4	95.0	131
Nickel	0/6	95.8	3.31	93.0	100
Selenium	0/6	88.5	5.50	82.0	97.0
Silver	0/6	104	8.77	89.0	111
Thallium	15/17	55.9	10.5	42.0	82.0

Analyte	*Qualified Out of Range†*	*Mean Recovery (%)*	*Standard Deviation*	*Minimum Recovery (%)*	*Maximum Recovery (%)*
Tin	1/6	117	12.7	105	139
Vanadium	0/6	101	7.42	91.0	114
Zinc	0/6	96.3	4.50	89.0	103
EPA7470A					
Mercury	0/24	97.8	7.75	84.0	113
EPA8082					
PCB 1260	0/1	76.0	—	76.0	76.0
EPA8260B					
Benzene	0/29	99.2	7.74	88.0	116
Chlorobenzene	0/28	97.8	6.62	83.0	109
1,1-Dichloroethylene	0/28	101	11.6	75.0	127
Tetrachloroethylene	0/1	121	—	121	121
Toluene	0/29	93.8	8.31	76.0	108
Trichloroethylene	0/27	98.1	7.62	85.0	115
Xylenes	0/1	94.0	—	94.0	94.0
EPA8270C					
Bis(2-ethylhexyl) phthalate	0/4	102	37.5	76.0	157
EPA9012A					
Cyanide	0/11	96.9	5.45	88.0	104
EPA9020B					
Total organic halogens	0/4	94.0	7.12	88.0	102
EPA9040B					
pH	0/23	100	0.39	100	101
EPA9050A					
Specific conductance	0/14	99.9	1.99	96.0	102
EPA9056					
Chloride	0/1	99.0	—	99.0	99.0
Fluoride	0/1	105	—	105	105
Sulfate	0/2	98.5	0.71	98.0	99.0
EPA9060					
Total organic carbon	0/5	97.0	7.62	90.0	110
EPA9066					
Phenols	0/2	101	9.19	94.0	107
SM2320B					
Alkalinity (as $CaCO_3$)	0/2	95.5	0.71	95.0	96.0

† 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.

Note: A value of 0 is reported as 0.0.

Table 48. Laboratory Control Sample Recoveries for WA

Analyte	*Qualified Out of Range†*	*Mean Recovery (%)*	*Standard Deviation*	*Minimum Recovery (%)*	*Maximum Recovery (%)*
EPA160.1					
Total dissolved solids	0/48	102	6.21	91.0	117
EPA310.1					
Alkalinity (as $CaCO_3$)	0/38	99.1	3.44	94.0	108
EPA353.2					
Nitrate-nitrite as nitrogen	0/11	104	3.71	99.4	109
EPA6010B					
Aluminum	0/5	101	1.30	99.5	102
Antimony	0/15	99.0	1.24	97.2	102
Arsenic	0/15	97.9	1.54	96.1	101
Barium	0/15	97.7	0.95	96.8	99.9
Beryllium	0/5	99.5	2.55	96.5	102
Boron	0/15	101	1.47	99.7	103
Cadmium	0/15	99.4	0.94	98.2	101
Chromium	0/15	99.2	1.16	97.5	102
Cobalt	0/4	99.0	0.71	98.4	99.8
Copper	0/15	98.2	1.34	96.5	101
Iron	0/5	98.6	0.69	97.6	99.5
Lead	0/15	98.5	1.0	97.1	100
Lithium	0/15	104	1.52	102	107
Nickel	0/15	98.4	1.05	96.9	100
Selenium	0/15	99.9	1.96	96.8	103
Silver	0/15	99.5	1.44	96.7	102
Thallium	0/6	101	2.19	98.7	105
Tin	0/15	97.9	1.31	96.2	101
Vanadium	0/4	100	1.18	99.4	102
Zinc	0/15	99.9	1.12	98.0	102
EPA7470A					
Mercury	0/14	103	4.65	90.3	109
EPA8081A					
Aldrin	0/9	87.8	20.9	60.0	115
p,p´-DDT	2/9	112	19.9	82.0	144
Dieldrin	3/9	114	21.3	76.0	140
Endrin	6/9	133	21.7	94.0	162
Heptachlor	1/9	105	23.3	75.0	145
Lindane	1/9	93.9	20.4	65.0	125
EPA8082					
PCB 1254	1/10	118	37.3	76.0	213
EPA8141					
Dimethoate	0/1	68.5	—	68.5	68.5
Disulfoton	0/1	117	—	117	117
Famphur	0/1	68.2	—	68.2	68.2
Parathion	0/1	88.0	—	88.0	88.0
Parathion methyl	0/1	86.5	—	86.5	86.5
Phorate	0/1	98.5	—	98.5	98.5
Sulfotepp	0/1	89.5	—	89.5	89.5
Thionazin	0/1	94.5	—	94.5	94.5
O,O,O-Triethyl phosphorothioate	0/1	98.5	—	98.5	98.5

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8141A					
Dimethoate	0/8	80.4	18.4	49.5	115
Disulfoton	0/8	72.7	11.8	57.0	86.5
Famphur	0/8	86.8	22.1	42.2	104
Parathion	0/8	89.8	16.3	60.5	111
Parathion methyl	0/8	87.7	14.8	59.0	102
Phorate	0/8	85.4	18.7	58.0	112
Sulfotepp	0/8	77.3	19.2	45.5	104
Thionazin	0/8	90.1	16.4	61.0	116
O,O,O-Triethyl phosphorothioate	0/8	86.5	15.7	63.5	111
EPA8151A					
2,4-Dichlorophenoxyacetic acid	2/8	103	33.1	27.4	131
2,4,5-T	4/8	125	25.5	78.0	152
2,4,5-TP (Silvex)	1/8	98.0	11.0	74.8	111
EPA8260B					
Benzene	0/32	97.9	4.92	91.3	109
Chlorobenzene	0/32	102	4.36	91.1	109
1,1-Dichloroethylene	0/32	84.4	7.98	71.3	104
Toluene	0/32	102	4.13	92.8	111
Trichloroethylene	0/32	96.5	4.94	88.0	112
EPA8270C					
Acenaphthene	3/8	43.2	30.6	0.0	74.6
4-Chloro-m-cresol	3/8	41.0	29.6	0.0	73.6
2-Chlorophenol	3/8	38.5	27.6	0.0	72.8
1,4-Dichlorobenzene	3/8	34.1	24.7	0.0	64.6
2,4-Dinitrotoluene	3/8	44.7	32.9	0.0	77.4
4-Nitrophenol	2/8	37.2	33.5	0.0	78.3
N-Nitrosodipropylamine	3/8	39.9	29.0	0.0	81.8
Pentachlorophenol	3/8	35.6	33.4	0.0	81.9
Phenol	2/8	35.8	28.5	0.0	72.3
Pyrene	3/8	50.3	36.5	0.0	89.1
1,2,4-Trichlorobenzene	3/8	36.4	26.6	0.0	66.7
EPA8280A					
Hexachlorodibenzo-p-dioxins	0/7	101	3.39	94.0	105
Hexachlorodibenzo-p-furans	0/7	109	6.32	99.0	116
Pentachlorodibenzo-p-furans	0/14	114	8.23	99.0	126
2,3,7,8-TCDD	0/8	106	12.2	77.0	114
Tetrachlorodibenzo-p-dioxins	0/7	110	3.85	102	114
Tetrachlorodibenzo-p-furans	0/7	98.0	3.0	92.0	102
EPA9014					
Cyanide	0/46	99.9	5.69	82.0	114
EPA9020B					
Total organic halogens	0/16	99.7	6.11	86.8	110
EPA9034					
Sulfide	0/16	98.9	2.94	89.9	102
EPA9050A					
Specific conductance	0/6	97.7	2.21	93.6	100
EPA9056					
Sulfate	0/9	96.1	1.36	92.5	96.9

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA9060					
Total organic carbon	0/10	104	2.39	101	106
EPA9066					
Phenols	0/22	91.9	5.67	83.7	99.5

† 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 49. Laboratory Control Sample Recoveries for GP

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-001					
Gross alpha	1/26	101	12.0	80.0	125
Nonvolatile beta	0/24	102	5.83	90.0	118
EPIA-002					
Tritium	0/23	100	3.96	90.0	106
EPIA-003					
Carbon-14	0/22	98.3	5.63	87.0	118
EPIA-004					
Strontium-89/90	0/6	97.2	8.52	90.0	113
Strontium-90	0/14	101	9.01	88.0	116
EPIA-005					
Technetium-99	0/14	109	5.07	100	115
EPIA-006					
Iodine-129	0/12	98.9	7.68	85.0	109
EPIA-007					
Radon-222	0/2	82.5	0.71	82.0	83.0
EPIA-008					
Radium-226	0/18	98.0	10.2	85.0	114
EPIA-009					
Radium-228	3/21	88.0	8.34	76.0	102
EPIA-010					
Radium, total alpha-emitting	0/6	92.3	6.59	83.0	102
EPIA-011					
Americium-241	0/9	106	5.28	98.0	117
Curium-243/244	0/11	99.1	7.70	86.0	112
Plutonium-239/240	0/9	93.4	6.80	86.0	103
Uranium-238	0/15	98.1	9.60	86.0	115
EPIA-012					
Thorium-232	0/16	96.4	5.29	83.0	103

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-013					
Cesium-137	0/13	92.2	4.27	83.0	99.0
EPIA-022					
Nickel-63	0/9	89.4	6.11	80.0	101
EPIA-032					
Neptunium-237	0/3	106	5.03	101	111

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

Table 50. Laboratory Control Sample Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8260B					
Benzene	0/13	104	3.68	96.0	108
Chlorobenzene	0/13	106	4.87	94.0	112
1,1-Dichloroethylene	0/13	90.0	5.79	76.0	100
Toluene	0/13	106	3.43	96.0	110
Trichloroethylene	0/13	108	6.06	97.0	114
EPIA-001					
Gross alpha	2/5	84.4	6.07	77.0	91.0
Nonvolatile beta	0/3	101	2.52	99.0	104
EPIA-002					
Tritium	0/6	100	4.24	96.0	106

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

Table 51. Laboratory Control Sample Recoveries for TM

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
ASTMD5174M					
Uranium	0/1	106	—	106	106
EICHROMTC1MOD					
Technetium-99	0/1	109	—	109	109
EMLSR02MOD					
Strontium-90	3/19	89.9	9.56	73.3	108
EPA900.0MOD					
Gross alpha	0/68	105	4.47	93.8	115
Nonvolatile beta	0/57	105	3.97	96.2	113
EPA901.1MOD					
Cesium-137	0/2	104	6.94	98.9	109
Cobalt-60	0/2	97.8	5.08	94.2	101

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA902.0MOD					
Iodine-129	0/1	102	—	102	102
EPA903.0MOD					
Radium, total alpha-emitting	0/41	99.2	8.08	83.3	119
EPA904.0MOD					
Radium-228	0/13	94.3	9.52	80.5	112
EPA906.0MOD					
Tritium	1/70	98.8	10.0	81.7	120

† 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 52. Surrogate Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8021B					
p-Bromofluorobenzene	43/105	104	15.2	73.0	134
EPA8081A					
Decachlorobiphenyl	0/3	91.0	18.2	80.0	112
Tetrachloro-m-xylene	0/3	80.7	10.3	72.0	92.0
EPA8082					
Decachlorobiphenyl	0/3	110	2.52	107	112
Tetrachloro-m-xylene	0/3	91.7	6.51	85.0	98.0
EPA8260B					
p-Bromofluorobenzene	25/339	104	6.88	87.0	134
1,2-Dichloroethane-d4	33/339	102	8.81	80.0	126
Toluene-d8	10/339	101	4.91	87.0	115
EPA8270C					
2-Fluorobiphenyl	0/3	77.0	11.1	65.0	87.0
2-Fluorophenol	0/3	60.7	7.64	54.0	69.0
Nitrobenzene-d5	0/3	73.0	11.3	60.0	80.0
Phenol-d5	0/3	66.3	7.02	59.0	73.0
p-Terphenyl-d14	0/3	92.3	8.50	86.0	102
2,4,6-Tribromophenol (surr)	0/3	99.0	11.0	88.0	110

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

Table 53. Surrogate Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8082					
Decachlorobiphenyl	0/10	68.3	14.7	43.9	87.0
Tetrachloro-m-xylene	0/10	59.7	5.61	49.6	67.0
EPA8260B					
p-Bromofluorobenzene	11/107	102	9.48	87.6	127
Dibromofluoromethane	10/107	99.7	10.5	82.0	126
Toluene-d8	31/109	97.8	9.42	85.9	116
EPA8270C					
2-Fluorobiphenyl	0/19	81.4	6.94	65.5	91.0
2-Fluorophenol	5/17	34.1	23.7	0.0	63.7
Nitrobenzene-d5	0/19	79.2	6.36	66.4	87.7
Phenol-d5	5/17	23.5	17.2	0.0	50.2
p-Terphenyl-d14	0/19	86.8	10.5	66.2	109
2,4,6-Tribromophenol (surr)	5/17	58.1	40.5	0.0	97.9

† 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 54. Surrogate Recoveries for WA

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8021B					
Bromochloromethane	0/4	77.7	8.50	65.2	83.2
EPA8081A					
Decachlorobiphenyl	2/54	86.8	22.6	9.72	170
Tetrachloro-m-xylene	2/56	78.0	26.7	2.79	132
EPA8082					
Decachlorobiphenyl	2/54	90.8	25.0	54.0	181
Tetrachloro-m-xylene	1/53	82.6	24.7	3.50	145
EPA8141					
Triphenyl phosphate	0/7	97.2	8.49	79.5	105
Tributyl phosphate	0/7	89.6	20.4	59.5	112
EPA8141A					
Decachlorobiphenyl	0/1	78.0	—	78.0	78.0
Triphenyl phosphate	12/41	119	53.3	0.0	284
Tributyl phosphate	16/41	128	54.2	0.0	286
EPA8151A					
2,4-Dichlorophenylacetic acid	8/50	76.9	31.4	4.15	124
EPA8260B					
p-Bromofluorobenzene	50/376	90.9	5.53	74.0	112
1,2-Dichloroethane-d4	50/376	99.9	12.1	72.0	124
Toluene-d8	17/376	101	5.07	85.0	119

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8270C					
2-Fluorobiphenyl	15/51	48.4	32.4	0.0	138
2-Fluorophenol	12/51	37.2	25.7	0.0	84.0
Nitrobenzene-d5	15/51	49.2	34.4	0.0	132
Phenol-d5	8/51	32.1	23.0	0.0	76.9
p-Terphenyl-d14	15/51	69.4	40.7	0.0	166
2,4,6-Tribromophenol (surr)	7/51	45.8	25.9	0.0	85.3
EPA8280A					
Carbon 13-labeled 1,2,3,6,7,8-HXCDD	2/44	68.2	8.61	45.0	85.0
Carbon 13-labeled 2,3,7,8-TCDD	1/46	71.2	10.9	46.0	108
Carbon 13-labeled 2,3,7,8-TCDF	2/44	65.0	8.20	33.0	77.0
Carbon 13-labeled HPCDF	1/44	72.5	10.6	41.0	89.0

† Number of batches qualified that exhibit poor surrogate recovery due to interference compared to the total number of batches containing surrogates.
~~S~~tandard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 55. Surrogate Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8260B					
p-Bromofluorobenzene	87/89	82.6	1.78	78.4	88.1
Dibromofluoromethane	0/89	105	6.15	89.5	115
Toluene-d8	0/89	99.0	1.96	92.4	104

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

Table 56. Matrix Spike Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0						
Nitrate-nitrite as nitrogen	0/5	91.6	6.66	-8.40	85.0	100
EPA6010B						
Aluminum	0/6	103	13.5	3.0	91.0	121
Arsenic	0/8	96.1	10.5	-3.90	86.0	113
Barium	0/4	93.8	7.23	-6.20	87.0	104
Boron	0/4	106	11.0	6.0	95.0	116
Cadmium	0/8	95.8	11.4	-4.20	85.0	114
Chromium	0/4	92.8	5.91	-7.20	87.0	101
Iron	0/4	107	9.07	7.0	98.0	116
Lead	0/12	90.5	9.14	-9.50	81.0	109
Manganese	0/4	99.3	14.8	-0.70	85.0	113
Selenium	0/8	98.9	11.9	-1.10	88.0	118

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Silver	0/6	101	11.6	1.0	88.0	115
EPA7430						
Lithium	0/4	103	4.65	3.0	97.0	108
EPA7470A						
Mercury	0/4	101	13.7	1.0	89.0	115
EPA8021B						
Carbon tetrachloride	0/18	109	13.3	9.0	80.0	126
Chloroform	0/18	104	10.5	4.0	84.0	123
Tetrachloroethylene	0/18	96.4	13.7	-3.60	70.0	113
1,1,1-Trichloroethane	0/18	106	12.6	6.0	70.0	120
Trichloroethylene	0/18	95.1	20.8	-4.90	56.0	146
EPA8260B						
Benzene	0/46	100	8.32	0.0	88.0	125
Chlorobenzene	0/46	98.8	6.37	-1.20	86.0	113
1,1-Dichloroethylene	0/46	98.7	6.98	-1.30	80.0	112
Toluene	0/46	97.4	6.74	-2.60	86.0	111
Trichloroethylene	0/46	98.7	10.3	-1.30	70.0	127
EPA9060						
Total organic carbon	0/18	100	7.26	0.0	83.0	110

† 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 57. Matrix Spike Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0						
Sulfate	0/1	98.0	—	-2.0	98.0	98.0
EPA310.1						
Alkalinity (as $CaCO_3$)	0/1	95.0	—	-5.0	95.0	95.0
EPA353.1						
Nitrate-nitrite as nitrogen	0/27	104	8.48	4.0	86.0	126
EPA365.4						
Total phosphates (as P)	0/2	82.0	5.66	-18.0	78.0	86.0
EPA6010B						
Aluminum	0/20	119	27.0	19.0	99.0	181
Antimony	0/14	103	3.65	3.0	97.0	110
Arsenic	0/14	101	3.17	1.0	94.0	106
Barium	0/14	106	4.64	6.0	98.0	114
Beryllium	0/6	105	1.47	5.0	103	107
Boron	0/8	98.6	3.66	-1.40	93.0	104
Cadmium	0/14	105	3.51	5.0	97.0	108
Calcium	0/6	109	3.21	9.0	105	113
Chromium	0/14	107	3.43	7.0	99.0	111
Cobalt	0/6	107	1.97	7.0	104	109

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Copper	0/14	102	5.09	2.0	91.0	109
Iron	0/6	110	5.75	10.0	106	121
Lead	0/28	105	3.27	5.0	97.0	110
Magnesium	0/6	108	3.19	8.0	104	113
Manganese	0/6	107	2.80	7.0	103	110
Nickel	0/14	107	3.59	7.0	98.0	110
Potassium	0/6	103	2.34	3.0	100	106
Selenium	0/14	98.9	2.93	-1.10	93.0	104
Silver	0/14	99.1	2.97	-0.90	94.0	105
Sodium	0/6	114	11.7	14.0	103	133
Thallium	0/6	106	2.42	6.0	103	109
Tin	0/8	103	5.26	3.0	94.0	109
Uranium	0/9	105	3.93	5.0	100	111
Vanadium	0/6	105	2.61	5.0	102	108
Zinc	0/14	103	4.74	3.0	92.0	108
EPA6020						
Aluminum	0/12	108	4.96	8.0	101	117
Antimony	0/12	129	14.0	29.0	105	152
Arsenic	0/12	89.3	9.04	-10.7	73.0	102
Barium	0/12	99.4	10.2	-0.60	89.0	115
Beryllium	0/44	114	7.36	14.0	96.0	128
Cadmium	0/35	101	5.36	1.0	88.0	115
Chromium	0/12	104	6.28	4.0	94.0	113
Cobalt	0/12	99.5	4.10	-0.50	94.0	108
Copper	0/12	96.7	6.97	-3.30	85.0	110
Iron	0/12	434	764	334	99.0	2,080
Lead	0/14	90.0	6.45	-10.0	82.0	100
Lithium	0/14	113	12.8	13.0	86.0	133
Nickel	0/12	96.3	3.55	-3.70	93.0	104
Selenium	0/12	82.3	8.12	-17.7	67.0	92.0
Silver	0/12	105	7.08	5.0	90.0	110
Thallium	0/34	57.1	15.8	-42.9	-2.0	83.0
Tin	0/12	119	11.5	19.0	109	142
Vanadium	0/12	102	8.0	2.0	86.0	109
Zinc	0/12	84.5	21.8	-15.5	39.0	102
EPA7470A						
Mercury	0/40	103	10.5	3.0	75.0	132
EPA8082						
PCB 1260	0/2	60.5	0.71	-39.5	60.0	61.0
EPA8260B						
Benzene	0/14	96.6	7.35	-3.40	82.0	110
Chlorobenzene	0/14	92.4	9.43	-7.60	67.0	105
1,1-Dichloroethylene	0/14	95.6	9.70	-4.40	84.0	112
Toluene	0/15	86.5	12.1	-13.5	63.0	101
Trichloroethylene	0/14	86.1	20.6	-13.9	30.0	110
EPA9012A						
Cyanide	0/9	81.8	32.6	-18.2	39.0	155
EPA9020B						
Total organic halogens	0/4	103	5.23	3.0	99.0	110
EPA9056						
Chloride	0/1	90.0	—	-10.0	90.0	90.0
Fluoride	0/1	101	—	1.0	101	101
Sulfate	0/2	100	4.24	0.0	97.0	103

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA9060						
Total organic carbon	0/6	101	5.39	1.0	96.0	111
EPA9066						
Phenols	0/4	98.5	10.4	-1.50	87.0	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.

Table 58. 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	0/16	97.0	7.07	-3.0	84.0	110
EPA6010B						
Aluminum	0/4	103	4.38	3.0	99.6	109
Antimony	0/17	101	1.56	1.0	97.7	103
Arsenic	0/17	101	1.95	1.0	96.4	104
Barium	0/17	99.1	1.83	-0.90	95.7	103
Beryllium	0/4	101	3.32	1.0	97.0	105
Boron	0/17	100	1.50	0.0	97.9	104
Cadmium	0/17	101	1.90	1.0	98.8	105
Chromium	0/17	100	1.63	0.0	97.7	103
Cobalt	0/3	99.1	1.21	-0.90	97.7	100
Copper	0/17	98.2	1.76	-1.80	94.0	102
Iron	0/4	102	5.51	2.0	98.1	110
Lead	0/17	101	1.63	1.0	98.5	104
Lithium	0/17	107	5.89	7.0	100	127
Nickel	0/17	98.8	1.50	-1.20	96.1	101
Selenium	0/17	101	2.0	1.0	97.3	105
Silver	0/17	99.3	1.94	-0.70	95.2	103
Thallium	0/4	101	2.52	1.0	98.6	104
Tin	0/17	100	1.33	0.0	98.2	103
Vanadium	0/3	100	0.64	0.0	99.8	101
Zinc	0/17	99.4	1.35	-0.60	96.6	102
EPA7470A						
Mercury	0/17	93.5	8.01	-6.50	79.8	116
EPA8021B						
Carbon tetrachloride	0/1	67.3	—	-32.7	67.3	67.3
Chloroform	0/1	78.1	—	-21.9	78.1	78.1
Tetrachloroethylene	0/1	54.4	—	-45.6	54.4	54.4
1,1,1-Trichloroethane	0/1	70.8	—	-29.2	70.8	70.8
Trichloroethylene	0/1	71.7	—	-28.3	71.7	71.7
EPA8081A						
Aldrin	0/9	88.9	21.3	-11.1	45.0	110
p,p´-DDT	0/9	110	23.0	10.0	58.0	130
Dieldrin	0/9	111	24.9	11.0	56.0	138
Endrin	0/9	131	29.1	31.0	66.0	156
Heptachlor	0/9	101	25.8	1.0	45.0	125

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Lindane	0/9	92.8	18.7	-7.20	50.0	110
EPA8082						
PCB 1254	0/9	108	10.8	8.0	84.5	120
EPA8141						
Dimethoate	0/1	108	—	8.0	108	108
Disulfoton	0/1	118	—	18.0	118	118
Famphur	0/1	62.6	—	-37.4	62.6	62.6
Parathion	0/1	85.0	—	-15.0	85.0	85.0
Parathion methyl	0/1	82.5	—	-17.5	82.5	82.5
Phorate	0/1	92.0	—	-8.0	92.0	92.0
Sulfotepp	0/1	84.5	—	-15.5	84.5	84.5
Thionazin	0/1	89.5	—	-10.5	89.5	89.5
O,O,O-Triethyl phosphorothioate	0/1	90.5	—	-9.50	90.5	90.5
EPA8141A						
Dimethoate	0/5	82.3	15.7	-17.7	67.0	99.5
Disulfoton	0/5	109	34.2	9.0	81.0	160
Famphur	0/5	110	26.4	10.0	83.6	140
Parathion	0/5	108	29.5	8.0	78.5	148
Parathion methyl	0/5	106	24.9	6.0	85.0	140
Phorate	0/5	116	22.4	16.0	93.5	144
Sulfotepp	0/5	107	21.4	7.0	84.0	135
Thionazin	0/5	115	27.0	15.0	90.5	150
O,O,O-Triethyl phosphorothioate	0/5	111	22.6	11.0	86.0	141
EPA8151A						
2,4-Dichlorophenoxyacetic acid	0/9	109	47.0	9.0	12.0	159
2,4,5-T	0/9	120	44.2	20.0	43.2	184
2,4,5-TP (Silvex)	0/9	93.1	22.8	-6.90	63.2	129
EPA8260B						
Benzene	0/16	97.8	5.54	-2.20	88.7	107
Chlorobenzene	0/16	100	5.54	0.0	90.2	106
1,1-Dichloroethylene	0/16	85.4	9.18	-14.6	70.8	99.7
Toluene	0/16	102	6.42	2.0	91.7	111
Trichloroethylene	0/16	99.6	12.2	-0.40	82.7	124
EPA8270C						
Acenaphthene	0/8	39.7	32.3	-60.3	0.0	89.6
4-Chloro-m-cresol	0/8	38.7	30.5	-61.3	0.0	79.0
2-Chlorophenol	0/8	32.9	34.3	-67.1	0.0	84.4
1,4-Dichlorobenzene	0/8	26.5	30.4	-73.5	0.0	81.3
2,4-Dinitrotoluene	0/8	46.5	28.1	-53.5	0.0	84.0
4-Nitrophenol	0/8	43.1	34.1	-56.9	0.0	89.0
N-Nitrosodipropylamine	0/7	39.7	27.2	-60.3	0.0	72.5
Pentachlorophenol	0/8	42.7	27.4	-57.3	0.0	76.4
Phenol	0/8	30.4	33.4	-69.6	0.0	84.2
Pyrene	0/8	53.8	28.8	-46.2	0.0	96.8
1,2,4-Trichlorobenzene	0/8	30.1	31.2	-69.9	0.0	88.2
EPA8280A						
Hexachlorodibenzo-p-dioxins	0/7	99.1	2.34	-0.90	94.0	101
Hexachlorodibenzo-p-furans	0/7	110	4.92	10.0	104	115

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
Pentachlorodibenzo-p-furans	0/14	115	9.15	15.0	97.0	126
2,3,7,8-TCDD	0/7	108	2.64	8.0	103	111
Tetrachlorodibenzo-p-dioxins	0/7	108	2.64	8.0	103	111
Tetrachlorodibenzo-p-furans	0/7	96.0	2.45	-4.0	91.0	98.0
EPA9014						
Cyanide	0/15	98.2	9.35	-1.80	71.8	114
EPA9020B						
Total organic halogens	0/13	83.3	20.7	-16.7	50.7	112
EPA9034						
Sulfide	0/4	93.7	4.69	-6.30	88.7	100
EPA9056						
Sulfate	0/14	99.5	3.76	-0.50	92.1	106
EPA9060						
Total organic carbon	0/16	106	7.50	6.0	88.2	117
EPA9066						
Phenols	0/13	93.1	3.55	-6.90	87.1	98.6

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

Note: A value of 0 is reported as 0.0.

Table 59. Matrix Spike Recoveries for GP

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-001						
Gross alpha	0/30	18.5	319	-81.5	-1,620	121
Nonvolatile beta	0/29	90.0	55.7	-10.0	-178	155
EPIA-002						
Tritium	0/21	2.0	346	-98.0	-1,220	403
EPIA-003						
Carbon-14	0/18	97.6	4.09	-2.40	88.0	105
EPIA-004						
Strontium-89/90	0/6	90.2	7.03	-9.80	82.0	99.0
Strontium-90	0/32	95.9	14.5	-4.10	64.0	144
EPIA-005						
Technetium-99	0/13	106	5.53	6.0	95.0	113
EPIA-006						
Iodine-129	0/12	92.8	7.90	-7.20	78.0	104

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-007						
Radon-222	0/2	96.5	3.54	-3.50	94.0	99.0
EPIA-008						
Radium-226	0/23	99.1	12.2	-0.90	82.0	124
EPIA-009						
Radium-228	0/32	91.9	8.89	-8.10	82.0	113
EPIA-010						
Radium, total alpha-emitting	0/6	95.0	4.86	-5.0	88.0	100
EPIA-011						
Americium-241	0/11	103	9.08	3.0	84.0	119
Curium-243/244	0/12	100	5.09	0.0	93.0	109
Plutonium-239/240	0/11	91.8	7.81	-8.20	76.0	103
Uranium-238	0/14	98.7	9.55	-1.30	85.0	116
EPIA-012						
Thorium-232	0/16	98.8	9.20	-1.20	85.0	118
EPIA-013						
Cesium-137	0/15	97.2	8.39	-2.80	78.0	107
EPIA-022						
Nickel-63	0/11	93.4	7.55	-6.60	83.0	105
EPIA-032						
Neptunium-237	0/6	110	1.60	10.0	108	112

† 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 60. Matrix Spike Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA8260B						
Benzene	0/10	104	2.06	4.0	101	107
Chlorobenzene	0/10	104	2.58	4.0	101	108
1,1-Dichloroethylene	0/10	97.2	4.98	-2.80	90.0	104
Toluene	0/10	106	2.30	6.0	102	109
Trichloroethylene	0/10	110	8.04	10.0	102	127
EPIA-001						
Gross alpha	0/8	80.9	11.4	-19.1	61.0	100
Nonvolatile beta	0/4	96.3	1.71	-3.70	94.0	98.0
EPIA-002						
Tritium	0/14	99.9	3.41	-0.10	94.0	105

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

Table 61. Analytes Detected in Method Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA300.0				
Nitrate-nitrite as nitrogen	0/7	100	0.0	100/100 µg/L
EPA6010B				
Aluminum	3/12	168	59.8	42.5/200 µg/L
Antimony	0/1	100	—	100/100 µg/L
Arsenic	1/15	9.60	1.55	3.98/10.0 µg/L
Barium	1/6	8.45	3.81	0.67/10.0 µg/L
Beryllium	0/1	1.0	—	1.0/1.0 µg/L
Boron	0/11	100	0.0	100/100 µg/L
Cadmium	0/15	10.0	0.0	10.0/10.0 µg/L
Chromium	0/6	10.0	0.0	10.0/10.0 µg/L
Copper	0/1	20.0	—	20.0/20.0 µg/L
Iron	7/12	92.0	95.8	6.46/200 µg/L
Lead	0/17	10.0	0.0	10.0/10.0 µg/L
Manganese	1/10	9.10	2.86	0.96/10.0 µg/L
Nickel	0/1	50.0	—	50.0/50.0 µg/L
Selenium	0/15	10.0	0.0	10.0/10.0 µg/L
Silver	0/8	20.0	0.0	20.0/20.0 µg/L
Thallium	0/1	10.0	—	10.0/10.0 µg/L
Zinc	0/1	20.0	—	20.0/20.0 µg/L
EPA7430				
Lithium	0/10	2.0	0.0	2.0/2.0 µg/L
EPA7470A				
Mercury	0/8	0.50	0.0	0.50/0.50 µg/L
EPA8021B				
Carbon tetrachloride	0/8	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/8	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/8	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/8	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/8	1.0	0.0	1.0/1.0 µg/L
EPA8081A				
Aldrin	0/1	0.10	—	0.10/0.10 µg/L
alpha-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
beta-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
delta-Benzene hexachloride	0/1	0.10	—	0.10/0.10 µg/L
alpha-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
gamma-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
p,p´-DDD	0/1	0.20	—	0.20/0.20 µg/L
p,p´-DDE	0/1	0.20	—	0.20/0.20 µg/L
p,p´-DDT	0/1	0.20	—	0.20/0.20 µg/L
Dieldrin	0/1	0.20	—	0.20/0.20 µg/L
Endosulfan sulfate	0/1	0.20	—	0.20/0.20 µg/L
Endosulfan I	0/1	0.10	—	0.10/0.10 µg/L
Endosulfan II	0/1	0.20	—	0.20/0.20 µg/L
Endrin	0/1	0.20	—	0.20/0.20 µg/L
Endrin aldehyde	0/1	0.20	—	0.20/0.20 µg/L
Heptachlor	0/1	0.10	—	0.10/0.10 µg/L
Heptachlor epoxide	0/1	0.10	—	0.10/0.10 µg/L
Lindane	0/1	0.10	—	0.10/0.10 µg/L
Toxaphene	0/1	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

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
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	0/7	20.0	0.0	20.0/20.0 µg/L
Acetonitrile	0/6	200	0.0	200/200 µg/L
Acrolein	0/7	50.0	0.0	50.0/50.0 µg/L
Acrylonitrile	0/7	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/6	5.0	0.0	5.0/5.0 µg/L
Benzene	0/34	5.0	0.0	5.0/5.0 µg/L
Bromochloromethane	0/6	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/34	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/34	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/34	5.0	0.0	5.0/5.0 µg/L
Carbon disulfide	0/7	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/35	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/34	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/34	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/34	5.0	0.0	5.0/5.0 µg/L
2-Chloroethyl vinyl ether	0/31	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/35	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/34	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/6	20.0	0.0	20.0/20.0 µg/L
Dibromochloromethane	0/34	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/6	10.0	0.0	10.0/10.0 µg/L
1,2-Dibromoethane	0/6	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/6	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/7	5.0	0.0	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/7	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/7	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/6	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/6	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/34	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/34	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/34	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/1	5.0	—	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/33	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/34	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	3/34	9.27	2.39	1.60/10.0 µg/L
1,2-Dichloropropane	0/34	5.0	0.0	5.0/5.0 µg/L
1,3-Dichloropropane	0/6	5.0	0.0	5.0/5.0 µg/L
2,2-Dichloropropane	0/6	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloropropene	0/6	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/34	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/34	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/6	500	0.0	500/500 µg/L
Ethyl methacrylate	0/6	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/34	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/7	20.0	0.0	20.0/20.0 µg/L
Iodomethane	0/6	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/6	500	0.0	500/500 µg/L
Methacrylonitrile	0/6	200	0.0	200/200 µg/L
Methyl ethyl ketone	0/7	20.0	0.0	20.0/20.0 µg/L
Methyl isobutyl ketone	0/7	10.0	0.0	10.0/10.0 µg/L
Methyl methacrylate	0/6	20.0	0.0	20.0/20.0 µg/L
Pentachloroethane	0/6	200	0.0	200/200 µg/L
Propionitrile	0/6	200	0.0	200/200 µg/L
Styrene	0/7	5.0	0.0	5.0/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
1,1,1,2-Tetrachloroethane	0/6	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/34	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/35	5.0	0.0	5.0/5.0 µg/L
Toluene	0/34	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/35	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/34	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/35	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/33	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/6	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/7	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/7	10.0	0.0	10.0/10.0 µg/L
EPA8270C				
Acenaphthene	0/1	10.0	—	10.0/10.0 µg/L
Acenaphthylene	0/1	10.0	—	10.0/10.0 µg/L
Anthracene	0/1	10.0	—	10.0/10.0 µg/L
Benzidine	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*a*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*b*]fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Benzo[*k*]fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
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	0/1	10.0	—	10.0/10.0 µg/L
4-Bromophenyl phenyl ether	0/1	10.0	—	10.0/10.0 µg/L
Butylbenzyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
4-Chloro-m-cresol	0/1	10.0	—	10.0/10.0 µg/L
2-Chloronaphthalene	0/1	10.0	—	10.0/10.0 µg/L
2-Chlorophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/1	10.0	—	10.0/10.0 µg/L
Chrysene	0/1	10.0	—	10.0/10.0 µg/L
Dibenz[*a,h*]anthracene	0/1	10.0	—	10.0/10.0 µg/L
Di-n-butyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
3,3´-Dichlorobenzidine	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dichlorophenol	0/1	10.0	—	10.0/10.0 µg/L
Diethyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/1	10.0	—	10.0/10.0 µg/L
Dimethyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
2,4-Dinitrophenol	0/1	25.0	—	25.0/25.0 µg/L
2,4-Dinitrotoluene	0/1	10.0	—	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/1	10.0	—	10.0/10.0 µg/L
Di-n-octyl phthalate	0/1	10.0	—	10.0/10.0 µg/L
1,2-Diphenylhydrazine	0/1	10.0	—	10.0/10.0 µg/L
Fluoranthene	0/1	10.0	—	10.0/10.0 µg/L
Fluorene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorobenzene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorobutadiene	0/1	10.0	—	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/1	10.0	—	10.0/10.0 µg/L
Hexachloroethane	0/1	10.0	—	10.0/10.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	0/1	10.0	—	10.0/10.0 µg/L
Isophorone	0/1	10.0	—	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/1	25.0	—	25.0/25.0 µg/L
Naphthalene	0/1	10.0	—	10.0/10.0 µg/L
Nitrobenzene	0/1	10.0	—	10.0/10.0 µg/L
2-Nitrophenol	0/1	10.0	—	10.0/10.0 µg/L
4-Nitrophenol	0/1	25.0	—	25.0/25.0 µg/L
N-Nitrosodimethylamine	0/1	25.0	—	25.0/25.0 µg/L
N-Nitrosodiphenylamine	0/1	10.0	—	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/1	10.0	—	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
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
EPA9060				
Total organic carbon	0/9	5,000	0.0	5,000/5,000 µg/L

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

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

Table 62. Analytes Detected in Method Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	0/8	10,000	0.0	10,000/10,000 µg/L
EPA300.0				
Sulfate	0/3	200	0.0	200/200 µg/L
EPA353.1				
Nitrate-nitrite as nitrogen	6/18	36.7	17.5	10.0/50.0 µg/L
EPA365.4				
Total phosphates (as P)	0/1	50.0	—	50.0/50.0 µg/L
EPA6010B				
Aluminum	0/12	50.0	0.0	50.0/50.0 µg/L
Antimony	0/10	10.0	0.0	10.0/10.0 µg/L
Arsenic	1/10	4.82	0.59	3.15/5.0 µg/L
Barium	1/10	4.80	0.62	3.03/5.0 µg/L
Beryllium	0/3	5.0	0.0	5.0/5.0 µg/L
Boron	0/7	50.0	0.0	50.0/50.0 µg/L
Cadmium	0/10	5.0	0.0	5.0/5.0 µg/L
Calcium	0/3	100	0.0	100/100 µg/L
Chromium	0/10	5.0	0.0	5.0/5.0 µg/L
Cobalt	0/3	5.0	0.0	5.0/5.0 µg/L
Copper	0/10	5.0	0.0	5.0/5.0 µg/L
Iron	0/3	50.0	0.0	50.0/50.0 µg/L
Lead	1/19	4.93	0.29	3.72/5.0 µg/L
Magnesium	1/3	14.6	9.31	3.88/20.0 µg/L
Manganese	0/3	10.0	0.0	10.0/10.0 µg/L
Nickel	0/10	5.0	0.0	5.0/5.0 µg/L
Potassium	0/3	100	0.0	100/100 µg/L
Selenium	1/10	4.77	0.72	2.74/5.0 µg/L
Silver	3/10	3.74	2.04	0.49/5.0 µg/L
Sodium	0/3	100	0.0	100/100 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Thallium	0/3	10.0	0.0	10.0/10.0 µg/L
Tin	1/7	8.88	2.96	2.17/10.0 µg/L
Uranium	0/8	50.0	0.0	50.0/50.0 µg/L
Vanadium	0/3	5.0	0.0	5.0/5.0 µg/L
Zinc	0/10	5.0	0.0	5.0/5.0 µg/L
EPA6020				
Aluminum	0/6	15.0	0.0	15.0/15.0 µg/L
Antimony	6/6	0.76	0.38	0.36/1.32 µg/L
Arsenic	5/6	1.03	1.05	0.28/3.0 µg/L
Barium	3/6	1.23	0.85	0.20/2.0 µg/L
Beryllium	0/23	0.19	0.03	0.03/0.20 µg/L
Cadmium	2/18	0.90	0.29	0.07/1.0 µg/L
Chromium	5/6	1.74	0.68	1.34/3.0 µg/L
Cobalt	0/6	1.0	0.0	1.0/1.0 µg/L
Copper	0/6	2.0	0.0	2.0/2.0 µg/L
Iron	3/6	21.9	4.37	16.3/25.0 µg/L
Lead	2/7	1.48	0.89	0.18/2.0 µg/L
Lithium	0/8	10.0	0.0	10.0/10.0 µg/L
Nickel	0/6	2.0	0.0	2.0/2.0 µg/L
Selenium	0/6	3.0	0.0	3.0/3.0 µg/L
Silver	5/6	0.30	0.35	0.13/1.0 µg/L
Thallium	3/17	0.42	0.19	0.02/0.50 µg/L
Tin	6/6	1.12	0.72	0.39/1.99 µg/L
Vanadium	6/6	2.78	1.78	0.34/4.30 µg/L
Zinc	2/6	7.07	4.54	1.21/10.0 µg/L
EPA7470A				
Mercury	0/22	0.28	0.38	0.20/2.0 µg/L
EPA8082				
PCB 1016	0/1	0.10	—	0.10/0.10 µg/L
PCB 1221	0/1	0.10	—	0.10/0.10 µg/L
PCB 1232	0/1	0.10	—	0.10/0.10 µg/L
PCB 1242	0/1	0.10	—	0.10/0.10 µg/L
PCB 1248	0/1	0.10	—	0.10/0.10 µg/L
PCB 1254	0/1	0.10	—	0.10/0.10 µg/L
PCB 1260	0/1	0.10	—	0.10/0.10 µg/L
EPA8260B				
Acetone	0/2	5.0	0.0	5.0/5.0 µg/L
Benzene	0/25	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/25	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/25	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/25	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/2	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/25	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/25	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/25	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/25	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/25	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/25	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/25	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/25	1.0	0.0	1.0/1.0 µg/L
Dibromomethane	0/17	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/25	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/23	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/25	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/2	2.0	0.0	2.0/2.0 µg/L
trans-1,2-Dichloroethylene	0/25	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	1/25	4.91	0.46	2.70/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
1,2-Dichloropropane	0/25	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/25	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/25	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/25	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/2	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/2	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/2	5.0	0.0	5.0/5.0 µg/L
Styrene	0/2	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/25	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/25	1.0	0.0	1.0/1.0 µg/L
Toluene	0/25	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/25	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/25	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/25	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	0/25	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/2	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/17	3.0	0.0	3.0/3.0 µg/L
EPA8270C				
Bis(2-ethylhexyl) phthalate	1/3	32.3	54.3	1.0/95.0 µg/L
EPA9012A				
Cyanide	1/10	4.80	0.64	2.99/5.0 µg/L
EPA9020B				
Total organic halogens	0/4	10.0	0.0	10.0/10.0 µg/L
EPA9056				
Chloride	0/1	100	—	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
EPA9060				
Total organic carbon	4/5	102	74.5	40.9/200 µg/L
EPA9066				
Phenols	1/2	4.50	0.71	3.99/5.0 µg/L

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

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

Table 63. Analytes Detected in Method Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	10/25	32,500	21,900	5,000/50,000 µg/L
EPA310.1				
Alkalinity (as $CaCO_3$)	2/20	6.23	1.49	0.96/6.70 meq/L
EPA353.2				
Nitrate-nitrite as nitrogen	1/11	18.8	3.92	7.0/20.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA6010B				
Aluminum	1/5	121	55.8	21.2/146 µg/L
Antimony	0/15	27.0	0.0	27.0/27.0 µg/L
Arsenic	0/15	40.0	0.0	40.0/40.0 µg/L
Barium	9/15	0.94	0.73	0.22/1.80 µg/L
Beryllium	1/5	1.31	0.64	0.16/1.60 µg/L
Boron	0/15	266	0.0	266/266 µg/L
Cadmium	0/15	4.70	0.0	4.70/4.70 µg/L
Chromium	1/15	6.60	1.55	1.0/7.0 µg/L
Cobalt	1/4	3.78	1.45	1.60/4.50 µg/L
Copper	2/15	13.2	4.75	1.50/15.0 µg/L
Iron	0/5	74.0	0.0	74.0/74.0 µg/L
Lead	0/15	47.0	0.0	47.0/47.0 µg/L
Lithium	1/15	2.55	0.59	0.42/2.70 µg/L
Nickel	0/15	26.0	0.0	26.0/26.0 µg/L
Selenium	0/15	66.0	0.0	66.0/66.0 µg/L
Silver	3/15	4.12	1.81	0.51/5.0 µg/L
Thallium	0/6	55.0	0.0	55.0/55.0 µg/L
Tin	0/15	70.0	0.0	70.0/70.0 µg/L
Vanadium	1/4	5.50	2.80	1.30/6.90 µg/L
Zinc	0/15	53.0	0.0	53.0/53.0 µg/L
EPA7470A				
Mercury	0/14	0.70	0.0	0.70/0.70 µg/L
EPA8081A				
Aldrin	0/10	0.05	0.0	0.05/0.05 µg/L
alpha-Benzene hexachloride	0/10	0.05	0.0	0.05/0.05 µg/L
beta-Benzene hexachloride	0/10	0.05	0.0	0.05/0.05 µg/L
delta-Benzene hexachloride	0/10	0.05	0.0	0.05/0.05 µg/L
alpha-Chlordane	0/10	0.05	0.0	0.05/0.05 µg/L
gamma-Chlordane	0/10	0.05	0.0	0.05/0.05 µg/L
p,p´-DDD	0/10	0.10	0.0	0.10/0.10 µg/L
p,p´-DDE	0/10	0.10	0.0	0.10/0.10 µg/L
p,p´-DDT	0/10	0.10	0.0	0.10/0.10 µg/L
Dieldrin	0/10	0.10	0.0	0.10/0.10 µg/L
Endosulfan sulfate	0/10	0.10	0.0	0.10/0.10 µg/L
Endosulfan I	0/10	0.05	0.0	0.05/0.05 µg/L
Endosulfan II	0/10	0.10	0.0	0.10/0.10 µg/L
Endrin	0/10	0.10	0.0	0.10/0.10 µg/L
Endrin aldehyde	0/10	0.10	0.0	0.10/0.10 µg/L
Heptachlor	0/10	0.05	0.0	0.05/0.05 µg/L
Heptachlor epoxide	0/10	0.05	0.0	0.05/0.05 µg/L
Isodrin	0/10	0.10	0.0	0.10/0.10 µg/L
Kepone	0/10	0.50	0.0	0.50/0.50 µg/L
Lindane	0/10	0.05	0.0	0.05/0.05 µg/L
Methoxychlor	0/10	0.50	0.0	0.50/0.50 µg/L
Toxaphene	0/10	5.0	0.0	5.0/5.0 µg/L
EPA8082				
PCB 1016	0/10	1.0	0.0	1.0/1.0 µg/L
PCB 1221	0/10	2.0	0.0	2.0/2.0 µg/L
PCB 1232	0/10	1.0	0.0	1.0/1.0 µg/L
PCB 1242	1/10	1.72	2.29	1.0/8.23 µg/L
PCB 1248	0/10	1.0	0.0	1.0/1.0 µg/L
PCB 1254	0/10	1.0	0.0	1.0/1.0 µg/L
PCB 1260	0/10	1.0	0.0	1.0/1.0 µg/L
EPA8141				
Dimethoate	0/1	0.50	—	0.50/0.50 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Disulfoton	0/1	0.50	—	0.50/0.50 µg/L
Famphur	0/1	1.20	—	1.20/1.20 µg/L
Parathion	0/1	0.50	—	0.50/0.50 µg/L
Parathion methyl	0/1	0.50	—	0.50/0.50 µg/L
Phorate	0/1	0.50	—	0.50/0.50 µg/L
Sulfotepp	0/1	0.50	—	0.50/0.50 µg/L
Thionazin	0/1	0.50	—	0.50/0.50 µg/L
O,O,O-Triethyl phosphorothioate	0/1	0.50	—	0.50/0.50 µg/L
EPA8141A				
Dimethoate	1/8	0.46	0.11	0.18/0.50 µg/L
Disulfoton	0/8	0.50	0.0	0.50/0.50 µg/L
Famphur	0/8	1.20	0.0	1.20/1.20 µg/L
Parathion	0/8	0.50	0.0	0.50/0.50 µg/L
Parathion methyl	0/8	0.50	0.0	0.50/0.50 µg/L
Phorate	0/8	0.50	0.0	0.50/0.50 µg/L
Sulfotepp	0/8	0.50	0.0	0.50/0.50 µg/L
Thionazin	0/8	0.50	0.0	0.50/0.50 µg/L
O,O,O-Triethyl phosphorothioate	0/8	0.50	0.0	0.50/0.50 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/8	1.0	0.0	1.0/1.0 µg/L
2,4,5-T	0/8	0.50	0.0	0.50/0.50 µg/L
2,4,5-TP (Silvex)	0/8	0.50	0.0	0.50/0.50 µg/L
EPA8260B				
Acetone	1/10	9.74	0.83	7.39/10.0 µg/L
Acetonitrile	0/9	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/9	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/9	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/9	10.0	0.0	10.0/10.0 µg/L
Benzene	0/50	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/50	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/50	5.0	0.0	5.0/5.0 µg/L
Bromomethane	5/50	9.21	2.38	1.96/10.0 µg/L
Carbon disulfide	0/10	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/50	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/50	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/50	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/50	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/40	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/50	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/50	10.0	0.0	10.0/10.0 µg/L
Chloroprene	0/9	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/50	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/9	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/9	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/9	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/9	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/9	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/50	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/50	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/50	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/2	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/9	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/48	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	42/50	7.61	3.44	4.11/20.9 µg/L
1,2-Dichloropropane	0/50	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/50	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/50	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/50	5.0	0.0	5.0/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
2-Hexanone	0/10	10.0	0.0	10.0/10.0 µg/L
Iodomethane	0/9	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/9	100	0.0	100/100 µg/L
Methacrylonitrile	0/9	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/10	10.0	0.0	10.0/10.0 µg/L
Methyl isobutyl ketone	0/10	10.0	0.0	10.0/10.0 µg/L
Propionitrile	0/9	50.0	0.0	50.0/50.0 µg/L
Styrene	0/10	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/9	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/50	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/50	5.0	0.0	5.0/5.0 µg/L
Toluene	0/50	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/50	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/50	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/50	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/49	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/9	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/9	10.0	0.0	10.0/10.0 µg/L
Xylenes	0/49	5.0	0.0	5.0/5.0 µg/L
EPA8270C				
Acenaphthene	0/8	10.0	0.0	10.0/10.0 µg/L
Acenaphthylene	0/8	10.0	0.0	10.0/10.0 µg/L
Acetophenone	0/8	10.0	0.0	10.0/10.0 µg/L
2-Acetylaminofluorene	0/8	10.0	0.0	10.0/10.0 µg/L
4-Aminobiphenyl	0/8	10.0	0.0	10.0/10.0 µg/L
Aniline	0/8	10.0	0.0	10.0/10.0 µg/L
Anthracene	0/8	10.0	0.0	10.0/10.0 µg/L
Aramite	0/8	20.0	0.0	20.0/20.0 µg/L
Benzo[*a*]anthracene	0/8	10.0	0.0	10.0/10.0 µg/L
Benzo[*b*]fluoranthene	0/8	10.0	0.0	10.0/10.0 µg/L
Benzo[*k*]fluoranthene	0/8	10.0	0.0	10.0/10.0 µg/L
Benzoic acid	0/8	25.0	0.0	25.0/25.0 µg/L
Benzo[*g,h,i*]perylene	0/8	10.0	0.0	10.0/10.0 µg/L
Benzo[*a*]pyrene	0/8	10.0	0.0	10.0/10.0 µg/L
Benzyl alcohol	0/8	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/8	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/8	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/8	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	2/8	10.5	1.83	8.88/14.9 µg/L
4-Bromophenyl phenyl ether	0/8	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/8	10.0	0.0	10.0/10.0 µg/L
2-sec-Butyl-4,6-dinitrophenol	0/8	50.0	0.0	50.0/50.0 µg/L
4-Chloroaniline	0/8	10.0	0.0	10.0/10.0 µg/L
Chlorobenzilate	0/8	10.0	0.0	10.0/10.0 µg/L
4-Chloro-m-cresol	0/8	10.0	0.0	10.0/10.0 µg/L
2-Chloronaphthalene	0/8	10.0	0.0	10.0/10.0 µg/L
2-Chlorophenol	0/8	10.0	0.0	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/8	10.0	0.0	10.0/10.0 µg/L
Chrysene	0/8	10.0	0.0	10.0/10.0 µg/L
m/p-Cresol	0/16	10.0	0.0	10.0/10.0 µg/L
o-Cresol	0/8	10.0	0.0	10.0/10.0 µg/L
Diallate	0/8	10.0	0.0	10.0/10.0 µg/L
Dibenz[*a,h*]anthracene	0/8	10.0	0.0	10.0/10.0 µg/L
Dibenzofuran	0/8	10.0	0.0	10.0/10.0 µg/L
Di-n-butyl phthalate	1/8	8.85	3.27	0.76/10.0 µg/L
1,2-Dichlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
1,3-Dichlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
3,3´-Dichlorobenzidine	0/8	18.8	3.54	10.0/20.0 µg/L
2,4-Dichlorophenol	0/8	10.0	0.0	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
2,6-Dichlorophenol	0/8	10.0	0.0	10.0/10.0 µg/L
Diethyl phthalate	0/8	10.0	0.0	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/8	10.0	0.0	10.0/10.0 µg/L
Dimethyl phthalate	0/8	10.0	0.0	10.0/10.0 µg/L
p-Dimethylaminoazobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
7,12-Dimethylbenz[a]anthracene	0/8	10.0	0.0	10.0/10.0 µg/L
3,3´-Dimethylbenzidine	0/8	10.0	0.0	10.0/10.0 µg/L
a,a-Dimethylphenethylamine	0/8	10.0	0.0	10.0/10.0 µg/L
1,3-Dinitrobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
2,4-Dinitrophenol	0/8	25.0	0.0	25.0/25.0 µg/L
2,4-Dinitrotoluene	0/8	10.0	0.0	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/8	10.0	0.0	10.0/10.0 µg/L
Di-n-octyl phthalate	0/8	10.0	0.0	10.0/10.0 µg/L
1,4-Dioxane	0/8	10.0	0.0	10.0/10.0 µg/L
Diphenylamine	0/8	10.0	0.0	10.0/10.0 µg/L
Ethyl methacrylate	0/8	10.0	0.0	10.0/10.0 µg/L
Ethyl methanesulfonate	0/8	10.0	0.0	10.0/10.0 µg/L
Fluoranthene	0/8	10.0	0.0	10.0/10.0 µg/L
Fluorene	0/8	10.0	0.0	10.0/10.0 µg/L
Hexachlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
Hexachlorobutadiene	0/8	10.0	0.0	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/8	10.0	0.0	10.0/10.0 µg/L
Hexachloroethane	0/8	10.0	0.0	10.0/10.0 µg/L
Hexachlorophene	0/8	250	0.0	250/250 µg/L
Hexachloropropene	0/8	10.0	0.0	10.0/10.0 µg/L
Indeno[1,2,3-*c,d*]pyrene	0/8	10.0	0.0	10.0/10.0 µg/L
Isophorone	0/8	10.0	0.0	10.0/10.0 µg/L
Isosafrole	0/8	10.0	0.0	10.0/10.0 µg/L
Methapyrilene	0/8	10.0	0.0	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/8	25.0	0.0	25.0/25.0 µg/L
Methyl methacrylate	0/8	10.0	0.0	10.0/10.0 µg/L
Methyl methanesulfonate	0/8	10.0	0.0	10.0/10.0 µg/L
3-Methylcholanthrene	0/8	10.0	0.0	10.0/10.0 µg/L
2-Methylnaphthalene	0/8	10.0	0.0	10.0/10.0 µg/L
Naphthalene	0/8	10.0	0.0	10.0/10.0 µg/L
1,4-Naphthoquinone	0/8	10.0	0.0	10.0/10.0 µg/L
1-Naphthylamine	0/8	10.0	0.0	10.0/10.0 µg/L
2-Naphthylamine	0/8	10.0	0.0	10.0/10.0 µg/L
m-Nitroaniline	0/8	25.0	0.0	25.0/25.0 µg/L
o-Nitroaniline	0/8	25.0	0.0	25.0/25.0 µg/L
p-Nitroaniline	0/8	25.0	0.0	25.0/25.0 µg/L
Nitrobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
2-Nitrophenol	0/8	10.0	0.0	10.0/10.0 µg/L
4-Nitrophenol	0/8	25.0	0.0	25.0/25.0 µg/L
4-Nitroquinoline-1-oxide	0/8	20.0	0.0	20.0/20.0 µg/L
N-Nitrosodi-n-butylamine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodiethylamine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodimethylamine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodiphenylamine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomethylethylamine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomorpholine	0/8	10.0	0.0	10.0/10.0 µg/L
N-Nitrosopiperidine	0/8	50.0	0.0	50.0/50.0 µg/L
N-Nitrosopyrrolidine	0/8	10.0	0.0	10.0/10.0 µg/L
5-Nitro-o-toluidine	0/8	10.0	0.0	10.0/10.0 µg/L
Pentachlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
Pentachloroethane	0/8	10.0	0.0	10.0/10.0 µg/L
Pentachloronitrobenzene	0/8	50.0	0.0	50.0/50.0 µg/L
Pentachlorophenol	0/8	25.0	0.0	25.0/25.0 µg/L
Phenacetin	0/8	10.0	0.0	10.0/10.0 µg/L
Phenanthrene	0/8	10.0	0.0	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Phenol	0/8	10.0	0.0	10.0/10.0 µg/L
p-Phenylenediamine	0/8	10.0	0.0	10.0/10.0 µg/L
2-Picoline	0/8	10.0	0.0	10.0/10.0 µg/L
Pronamid	0/8	10.0	0.0	10.0/10.0 µg/L
Pyrene	0/8	10.0	0.0	10.0/10.0 µg/L
Pyridine	0/8	10.0	0.0	10.0/10.0 µg/L
Safrole	0/8	10.0	0.0	10.0/10.0 µg/L
1,2,4,5-Tetrachlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
2,3,4,6-Tetrachlorophenol	0/8	10.0	0.0	10.0/10.0 µg/L
o-Toluidine	0/8	10.0	0.0	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/8	25.0	0.0	25.0/25.0 µg/L
2,4,6-Trichlorophenol	0/8	10.0	0.0	10.0/10.0 µg/L
1,3,5-Trinitrobenzene	0/8	10.0	0.0	10.0/10.0 µg/L
EPA8280A				
Hexachlorodibenzo-p-dioxins	0/7	1.56	0.10	1.50/1.70 µg/L
Hexachlorodibenzo-p-furans	0/7	1.54	0.15	1.20/1.60 µg/L
Pentachlorodibenzo-p-furans	0/14	1.86	0.34	1.10/2.20 µg/L
2,3,7,8-TCDD	0/8	1.24	0.11	1.20/1.50 µg/L
Tetrachlorodibenzo-p-dioxins	0/7	1.24	0.11	1.20/1.50 µg/L
Tetrachlorodibenzo-p-furans	0/7	1.11	0.04	1.10/1.20 µg/L
EPA9014				
Cyanide	0/23	15.2	0.0	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	0/16	120	0.0	120/120 µg/L
EPA9034				
Sulfide	0/8	10,000	0.0	10,000/10,000 µg/L
EPA9050A				
Specific conductance	0/3	8.90	0.0	8.90/8.90 µS/cm
EPA9056				
Sulfate	1/9	321	57.3	168/340 µg/L
EPA9060				
Total organic carbon	0/10	1,000	0.0	1,000/1,000 µg/L
EPA9066				
Phenols	0/16	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.
~~S~~tandard deviation cannot be determined.

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

Table 64. Analytes Detected in Method Blanks for GP

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-001				
Gross alpha	2/26	2.01E-10	4.22E-10	-5.53E-10/1.65E-09 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Nonvolatile beta	0/24	3.71E-10	5.16E-10	-5.00E-10/1.52E-09 µCi/mL
EPIA-002				
Tritium	0/23	-5.98E-08	3.14E-07	-7.81E-07/4.23E-07 µCi/mL
EPIA-003				
Carbon-14	0/22	-4.34E-10	9.63E-09	-1.30E-08/3.55E-08 µCi/mL
EPIA-004				
Strontium-89/90	0/6	-3.56E-10	4.16E-10	-8.87E-10/3.46E-10 µCi/mL
Strontium-90	1/14	1.08E-10	2.74E-10	-3.13E-10/7.04E-10 µCi/mL
EPIA-005				
Technetium-99	0/14	-2.03E-09	9.87E-09	-2.31E-08/1.82E-08 µCi/mL
EPIA-006				
Iodine-129	0/12	5.30E-11	3.52E-10	-5.08E-10/7.08E-10 µCi/mL
EPIA-007				
Radon-222	0/2	1.23E-08	4.88E-09	8.80E-09/1.57E-08 µCi/mL
EPIA-008				
Radium-226	0/18	2.15E-10	2.37E-10	-1.82E-10/7.48E-10 µCi/mL
EPIA-009				
Radium-228	0/21	3.32E-10	2.86E-10	-1.02E-10/8.31E-10 µCi/mL
EPIA-010				
Radium, total alpha-emitting	0/6	2.34E-10	5.09E-10	-2.10E-11/1.27E-09 µCi/mL
EPIA-011				
Americium-241	1/9	1.67E-10	1.72E-10	-2.26E-11/4.64E-10 µCi/mL
Curium-242	0/11	7.20E-12	1.60E-11	-1.54E-11/3.47E-11 µCi/mL
Curium-243/244	1/11	1.21E-10	1.20E-10	-2.26E-11/4.07E-10 µCi/mL
Curium-245/246	1/11	1.35E-10	9.85E-11	0.0/3.17E-10 µCi/mL
Plutonium-238	0/9	8.31E-11	1.76E-10	-8.95E-11/3.98E-10 µCi/mL
Plutonium-239/240	0/9	1.46E-10	1.63E-10	-4.62E-12/4.43E-10 µCi/mL
Plutonium-244	0/1	1.03E-10	—	1.03E-10/1.03E-10 µCi/mL
Uranium-233/234	0/15	7.08E-11	1.45E-10	-6.60E-11/3.70E-10 µCi/mL
Uranium-235	0/15	3.57E-11	1.07E-10	-5.87E-11/3.87E-10 µCi/mL
Uranium-238	0/15	-5.32E-11	2.00E-10	-7.60E-10/4.55E-11 µCi/mL
EPIA-012				
Thorium-228	0/16	1.06E-10	3.33E-10	-1.67E-10/1.25E-09 µCi/mL
Thorium-230	3/16	2.39E-10	3.14E-10	-1.87E-11/9.15E-10 µCi/mL
Thorium-232	0/16	1.20E-11	6.22E-11	-7.10E-11/2.07E-10 µCi/mL
EPIA-013				
Actinium-228	0/13	3.02E-09	2.90E-09	2.98E-11/9.61E-09 µCi/mL
Antimony-125	0/13	-4.76E-10	1.35E-09	-2.69E-09/1.31E-09 µCi/mL
Bismuth-212	0/8	5.71E-09	7.53E-09	-6.91E-09/1.97E-08 µCi/mL
Bismuth-214	0/8	2.85E-09	1.81E-09	1.00E-09/6.08E-09 µCi/mL
Cerium-144	0/7	-4.64E-10	6.01E-09	-8.66E-09/7.20E-09 µCi/mL
Cesium-134	0/13	-4.65E-10	7.46E-10	-1.34E-09/1.41E-09 µCi/mL
Cesium-137	0/13	6.30E-10	6.34E-10	-1.38E-10/2.11E-09 µCi/mL
Cobalt-57	0/6	-5.71E-10	5.14E-10	-1.11E-09/1.13E-10 µCi/mL
Cobalt-60	0/13	5.37E-11	7.87E-10	-7.40E-10/2.41E-09 µCi/mL
Europium-152	0/13	1.09E-09	3.39E-09	-5.25E-09/8.74E-09 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Europium-154	0/13	2.71E-10	2.44E-09	-3.08E-09/3.83E-09 µCi/mL
Europium-155	0/12	-6.00E-10	2.64E-09	-5.35E-09/3.42E-09 µCi/mL
Lead-212	0/13	2.76E-09	1.63E-09	2.26E-10/5.88E-09 µCi/mL
Manganese-54	0/6	5.76E-10	1.09E-09	-9.57E-10/1.77E-09 µCi/mL
Potassium-40	0/13	2.38E-08	1.22E-08	2.92E-09/3.68E-08 µCi/mL
Promethium-144	0/6	2.90E-10	7.30E-10	-5.80E-10/1.08E-09 µCi/mL
Promethium-146	0/13	4.25E-11	6.80E-10	-7.41E-10/1.63E-09 µCi/mL
Ruthenium-106	0/6	5.62E-10	6.73E-09	-7.06E-09/1.01E-08 µCi/mL
Sodium-22	0/6	3.28E-10	1.11E-09	-1.09E-09/1.36E-09 µCi/mL
Thallium-208	1/8	1.47E-09	1.14E-09	8.09E-11/3.33E-09 µCi/mL
Yttrium-88	0/6	-8.60E-11	6.91E-10	-7.11E-10/1.14E-09 µCi/mL
Zinc-65	0/6	1.56E-09	3.09E-09	-2.63E-09/5.22E-09 µCi/mL
EPIA-022				
Nickel-63	1/9	2.24E-08	4.96E-08	-9.42E-09/1.14E-07 µCi/mL
EPIA-032				
Neptunium-237	0/3	1.01E-11	5.46E-11	-3.27E-11/7.16E-11 µCi/mL

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

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

Table 65. Analytes Detected in Method Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	0/12	10.0	0.0	10.0/10.0 µg/L
Benzene	0/12	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/12	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/12	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/12	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/12	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/12	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/12	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/12	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/12	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/12	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/12	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/12	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/12	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/12	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/12	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/8	1.0	0.0	1.0/1.0 µg/L
cis-1,2-Dichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	0/12	10.0	0.0	10.0/10.0 µg/L
1,2-Dichloropropane	0/12	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/12	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/12	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/12	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/12	5.0	0.0	5.0/5.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Methyl ethyl ketone	0/12	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/12	5.0	0.0	5.0/5.0 µg/L
Styrene	0/12	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/12	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/12	1.0	0.0	1.0/1.0 µg/L
Toluene	0/12	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/12	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/12	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/12	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/12	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/12	1.0	0.0	1.0/1.0 µg/L
EPIA-001				
Gross alpha	0/5	8.25E-10	2.24E-09	-1.33E-09/4.47E-09 µCi/mL
Nonvolatile beta	0/3	1.61E-09	6.96E-10	8.33E-10/2.18E-09 µCi/mL
EPIA-002				
Tritium	0/6	3.26E-08	2.31E-07	-1.85E-07/4.37E-07 µCi/mL

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

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

Table 66. Analytes Detected in Method Blanks for TM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
ASTMD5174M				
Uranium	0/1	0.30	—	0.30/0.30 µg/L
EICHROMTC1MOD				
Technetium-99	0/1	3.11E-09	—	3.11E-09/3.11E-09 µCi/mL
EMLSR02MOD				
Strontium-90	0/19	-4.42E-11	4.69E-10	-7.30E-10/9.90E-10 µCi/mL
EPA900.0MOD				
Gross alpha	0/68	2.65E-12	1.46E-10	-3.40E-10/2.90E-10 µCi/mL
Nonvolatile beta	3/57	5.74E-11	6.16E-10	-5.10E-10/3.90E-09 µCi/mL
EPA901.1MOD				
Cesium-137	0/2	4.76E-09	2.04E-09	3.31E-09/6.20E-09 µCi/mL
Cobalt-60	0/2	-1.61E-09	2.22E-09	-3.18E-09/-4.00E-11 µCi/mL
EPA902.0MOD				
Iodine-129	1/1	2.65E-09	—	2.65E-09/2.65E-09 µCi/mL
EPA903.0MOD				
Radium, total alpha-emitting	35/41	1.26E-09	8.88E-10	2.00E-11/3.17E-09 µCi/mL
EPA904.0MOD				
Radium-228	6/13	8.22E-10	7.41E-10	-1.90E-10/1.97E-09 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA906.0MOD				
Tritium	2/70	-3.40E-08	7.26E-07	-3.70E-06/1.95E-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.

Table 67. Analytes Detected in Field Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA300.0				
Nitrate-nitrite as nitrogen	0/3	1,000	0.0	1,000/1,000 µg/L
EPA6010B				
Aluminum	1/3	90.3	95.1	32.3/200 µg/L
Arsenic	0/3	10.0	0.0	10.0/10.0 µg/L
Barium	0/3	10.0	0.0	10.0/10.0 µg/L
Cadmium	0/3	10.0	0.0	10.0/10.0 µg/L
Chromium	0/3	8.71	2.23	6.13/10.0 µg/L
Iron	0/1	46.5	—	46.5/46.5 µg/L
Lead	0/6	10.0	0.0	10.0/10.0 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
EPA7470A				
Mercury	0/4	0.50	0.0	0.50/0.50 µg/L

† Number of times analyte was detected compared to the total number of field blanks for the analyte.
— 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 68. Analytes Detected in Field Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA353.1				
Nitrate-nitrite as nitrogen	2/13	58.5	116	10.0/440 µg/L
EPA6010B				
Aluminum	0/5	50.0	0.0	50.0/50.0 µg/L
Lead	0/5	5.0	0.0	5.0/5.0 µg/L
Uranium	0/1	50.0	—	50.0/50.0 µg/L
EPA6020				
Beryllium	2/12	0.20	0.0	0.20/0.20 µg/L
Cadmium	1/5	0.90	0.22	0.51/1.0 µg/L
Thallium	4/7	0.50	0.0	0.50/0.50 µg/L
EPA7470A				
Mercury	0/7	0.20	0.0	0.20/0.20 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA9040B				
pH	13/13	5.70	0.25	5.23/6.31 pH
EPA9050A				
Specific conductance	12/12	6.18	17.0	1.04/60.0 µS/cm

† 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 69. Analytes Detected in Field Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	5/14	30,900	19,000	8,000/52,000 µg/L
EPA310.1				
Alkalinity (as $CaCO_3$)	5/12	8.01	6.61	0.96/25.0 meq/L
EPA353.2				
Nitrate-nitrite as nitrogen	1/12	14.3	7.34	2.0/20.0 µg/L
EPA6010B				
Antimony	0/12	27.0	0.0	27.0/27.0 µg/L
Arsenic	0/12	40.0	0.0	40.0/40.0 µg/L
Barium	3/12	1.02	0.79	0.19/2.60 µg/L
Boron	0/12	266	0.0	266/266 µg/L
Cadmium	0/12	4.70	0.0	4.70/4.70 µg/L
Chromium	2/12	5.56	2.61	0.98/7.0 µg/L
Copper	0/12	13.9	3.90	1.50/15.0 µg/L
Lead	0/12	47.0	0.0	47.0/47.0 µg/L
Lithium	0/12	2.20	0.94	0.30/2.70 µg/L
Nickel	0/12	26.0	0.0	26.0/26.0 µg/L
Selenium	0/12	66.0	0.0	66.0/66.0 µg/L
Silver	0/12	4.66	1.17	0.96/5.0 µg/L
Tin	0/12	70.0	0.0	70.0/70.0 µg/L
Zinc	0/12	53.0	0.0	53.0/53.0 µg/L
EPA7470A				
Mercury	0/12	0.70	0.0	0.70/0.70 µg/L
EPA9014				
Cyanide	0/15	15.2	0.0	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	0/13	122	4.88	120/133 µg/L
EPA9056				
Sulfate	10/12	228	150	53.0/674 µg/L
EPA9060				
Total organic carbon	7/12	455	410	105/1,000 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA9066				
Phenols	0/12	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.

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 70. Analytes Detected in Field Blanks for GP

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-001				
Gross alpha	0/14	1.10E-10	2.35E-10	-1.91E-10/5.15E-10 µCi/mL
Nonvolatile beta	2/12	9.07E-10	2.44E-09	-5.15E-10/8.33E-09 µCi/mL
EPIA-002				
Tritium	0/12	-1.89E-07	4.53E-07	-1.11E-06/2.94E-07 µCi/mL
EPIA-003				
Carbon-14	0/13	2.87E-09	6.09E-09	-8.32E-09/1.45E-08 µCi/mL
EPIA-004				
Strontium-90	0/15	-7.00E-12	3.04E-10	-3.44E-10/5.82E-10 µCi/mL
EPIA-005				
Technetium-99	0/1	7.06E-10	—	7.06E-10/7.06E-10 µCi/mL
EPIA-006				
Iodine-129	0/1	-1.48E-10	—	-1.48E-10/-1.48E-10 µCi/mL
EPIA-007				
Radon-222	0/1	2.82E-08	—	2.82E-08/2.82E-08 µCi/mL
EPIA-008				
Radium-226	7/15	4.95E-10	5.41E-10	-1.76E-10/1.42E-09 µCi/mL
EPIA-009				
Radium-228	0/14	3.70E-10	2.99E-10	-3.82E-10/8.33E-10 µCi/mL
EPIA-011				
Americium-241	0/1	0.0	—	0.0/0.0 µCi/mL
Curium-242	0/1	0.0	—	0.0/0.0 µCi/mL
Curium-243/244	0/1	-6.26E-11	—	-6.26E-11/-6.26E-11 µCi/mL
Curium-245/246	0/1	3.57E-11	—	3.57E-11/3.57E-11 µCi/mL
Plutonium-238	0/1	-4.99E-11	—	-4.99E-11/-4.99E-11 µCi/mL
Plutonium-239/240	0/1	4.99E-11	—	4.99E-11/4.99E-11 µCi/mL
Uranium-233/234	0/2	2.34E-11	1.78E-11	1.08E-11/3.60E-11 µCi/mL
Uranium-235	0/2	-1.99E-11	7.21E-12	-2.50E-11/-1.48E-11 µCi/mL
Uranium-238	0/2	2.07E-11	0.0	2.05E-11/2.08E-11 µCi/mL
EPIA-012				
Thorium-228	0/2	9.70E-12	1.40E-10	-8.96E-11/1.09E-10 µCi/mL
Thorium-230	0/2	-9.24E-11	9.98E-11	-1.63E-10/-2.18E-11 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Thorium-232	0/2	-1.06E-11	2.49E-11	-2.82E-11/6.99E-12 µCi/mL
EPIA-013				
Actinium-228	0/2	7.74E-09	8.06E-10	7.17E-09/8.31E-09 µCi/mL
Antimony-125	0/2	-9.98E-10	1.01E-09	-1.71E-09/-2.85E-10 µCi/mL
Bismuth-212	0/2	8.76E-09	1.01E-08	1.62E-09/1.59E-08 µCi/mL
Bismuth-214	0/2	4.17E-09	3.75E-09	1.52E-09/6.82E-09 µCi/mL
Cerium-144	0/1	2.66E-09	—	2.66E-09/2.66E-09 µCi/mL
Cesium-134	0/2	4.24E-10	1.71E-10	3.03E-10/5.45E-10 µCi/mL
Cesium-137	1/2	2.21E-09	2.83E-09	2.07E-10/4.21E-09 µCi/mL
Cobalt-60	0/2	-8.20E-11	8.57E-10	-6.88E-10/5.24E-10 µCi/mL
Europium-152	0/2	1.49E-09	1.49E-09	4.38E-10/2.54E-09 µCi/mL
Europium-154	0/2	-2.27E-09	2.52E-09	-4.05E-09/-4.83E-10 µCi/mL
Europium-155	0/2	-1.92E-09	2.55E-09	-3.72E-09/-1.18E-10 µCi/mL
Lead-212	0/2	1.95E-09	9.19E-11	1.88E-09/2.01E-09 µCi/mL
Potassium-40	2/2	4.86E-08	3.82E-09	4.59E-08/5.13E-08 µCi/mL
Promethium-146	0/2	-4.93E-10	2.92E-10	-6.99E-10/-2.86E-10 µCi/mL
Thallium-208	0/2	3.25E-09	3.39E-10	3.01E-09/3.49E-09 µCi/mL
EPIA-032				
Neptunium-237	0/1	-9.28E-12	—	-9.28E-12/-9.28E-12 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 71. Analytes Detected in Field Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-001				
Gross alpha	0/3	6.05E-10	9.61E-10	-5.04E-10/1.16E-09 µCi/mL
Nonvolatile beta	0/2	1.95E-09	2.89E-09	-9.48E-11/3.99E-09 µCi/mL
EPIA-002				
Tritium	0/3	9.70E-08	1.54E-07	-2.86E-08/2.69E-07 µCi/mL

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

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

Table 72. Analytes Detected in Field Blanks for TM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EMLSR02MOD				
Strontium-90	0/10	-1.82E-10	6.42E-10	-1.23E-09/9.00E-10 µCi/mL

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA900.0MOD				
Gross alpha	2/16	1.16E-10	3.88E-10	-3.70E-10/8.50E-10 µCi/mL
Nonvolatile beta	3/15	6.30E-10	1.81E-09	-1.33E-09/5.68E-09 µCi/mL
EPA903.0MOD				
Radium, total alpha-emitting	3/15	1.90E-09	1.29E-09	2.00E-10/4.62E-09 µCi/mL
EPA904.0MOD				
Radium-228	0/10	8.41E-10	7.59E-10	-4.60E-10/2.00E-09 µCi/mL
EPA906.0MOD				
Tritium	0/15	-5.40E-08	3.41E-07	-7.80E-07/4.40E-07 µCi/mL

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

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

Table 73. Analytes Detected in Trip Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8021B				
Carbon tetrachloride	0/5	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/5	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/5	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
EPA8260B				
Acetone	0/6	20.0	0.0	20.0/20.0 µg/L
Acetonitrile	0/6	200	0.0	200/200 µg/L
Acrolein	0/7	50.0	0.0	50.0/50.0 µg/L
Acrylonitrile	0/7	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/6	5.0	0.0	5.0/5.0 µg/L
Benzene	0/18	5.0	0.0	5.0/5.0 µg/L
Bromochloromethane	0/6	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/18	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/18	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/18	5.0	0.0	5.0/5.0 µg/L
Carbon disulfide	0/6	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	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/18	5.0	0.0	5.0/5.0 µg/L
2-Chloroethyl vinyl ether	0/12	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/18	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/18	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/6	20.0	0.0	20.0/20.0 µg/L
Dibromochloromethane	0/18	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/6	10.0	0.0	10.0/10.0 µg/L
1,2-Dibromoethane	0/6	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/6	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/7	5.0	0.0	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/7	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/7	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/6	20.0	0.0	20.0/20.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Dichlorodifluoromethane	0/6	5.0	0.0	5.0/5.0 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
cis-1,2-Dichloroethylene	0/17	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/18	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	5/18	7.27	3.98	1.60/10.0 µg/L
1,2-Dichloropropane	0/18	5.0	0.0	5.0/5.0 µg/L
1,3-Dichloropropane	0/6	5.0	0.0	5.0/5.0 µg/L
2,2-Dichloropropane	0/6	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloropropene	0/6	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
1,4-Dioxane	0/6	500	0.0	500/500 µg/L
Ethyl methacrylate	0/6	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	0/6	20.0	0.0	20.0/20.0 µg/L
Iodomethane	0/6	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/6	500	0.0	500/500 µg/L
Methacrylonitrile	0/6	200	0.0	200/200 µg/L
Methyl ethyl ketone	0/6	20.0	0.0	20.0/20.0 µg/L
Methyl isobutyl ketone	0/6	10.0	0.0	10.0/10.0 µg/L
Methyl methacrylate	0/6	20.0	0.0	20.0/20.0 µg/L
Pentachloroethane	0/6	200	0.0	200/200 µg/L
Propionitrile	0/6	200	0.0	200/200 µg/L
Styrene	0/6	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/6	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	0/18	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/17	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/6	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/6	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/6	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 74. Analytes Detected in Trip Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	0/1	5.0	—	5.0/5.0 µg/L
Benzene	0/16	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/16	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/16	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/16	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/1	5.0	—	5.0/5.0 µg/L
Carbon tetrachloride	0/16	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/16	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/16	1.0	0.0	1.0/1.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Chloroethene	0/16	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/15	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/16	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/16	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/16	1.0	0.0	1.0/1.0 µg/L
Dibromomethane	0/8	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/16	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/15	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/16	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/1	2.0	—	2.0/2.0 µg/L
trans-1,2-Dichloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	0/16	4.58	1.15	1.59/5.0 µg/L
1,2-Dichloropropane	0/16	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/16	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/16	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/16	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/1	5.0	—	5.0/5.0 µg/L
Methyl ethyl ketone	0/1	5.0	—	5.0/5.0 µg/L
Methyl isobutyl ketone	0/1	5.0	—	5.0/5.0 µg/L
Styrene	0/1	1.0	—	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/16	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/16	1.0	0.0	1.0/1.0 µg/L
Toluene	0/16	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/16	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/16	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/16	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	0/15	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/1	5.0	—	5.0/5.0 µg/L
Xylenes	0/9	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* Mini*mum/Maximum Results column*s.

Table 75. Analytes Detected in Trip Blanks for WA

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	0/13	9.40	1.46	6.0/10.0 µg/L
Acetonitrile	1/12	19.4	1.96	13.2/20.0 µg/L
Acrolein	8/12	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/12	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/12	10.0	0.0	10.0/10.0 µg/L
Benzene	0/33	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/33	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/33	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/33	10.0	0.0	10.0/10.0 µg/L
Carbon disulfide	0/13	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/33	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/33	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/33	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/33	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	20/20	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/33	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/33	10.0	0.0	10.0/10.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Chloroprene	0/12	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/33	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/12	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/12	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/12	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	0/12	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/12	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/33	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/33	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/33	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/1	5.0	—	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/11	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/32	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	7/33	7.41	2.75	4.04/14.3 µg/L
1,2-Dichloropropane	0/33	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/33	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/33	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/33	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/13	10.0	0.0	10.0/10.0 µg/L
Iodomethane	0/12	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/12	100	0.0	100/100 µg/L
Methacrylonitrile	0/12	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/13	10.0	0.0	10.0/10.0 µg/L
Methyl isobutyl ketone	1/13	9.49	1.84	3.38/10.0 µg/L
Propionitrile	0/12	50.0	0.0	50.0/50.0 µg/L
Styrene	0/13	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/12	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/33	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/33	5.0	0.0	5.0/5.0 µg/L
Toluene	0/33	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/33	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/33	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/33	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/12	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/12	10.0	0.0	10.0/10.0 µg/L
Xylenes	0/32	5.0	0.0	5.0/5.0 µg/L

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

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

Table 76. Analytes Detected in Trip Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	1/11	9.43	1.88	3.78/10.0 µg/L
Benzene	0/11	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/11	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/11	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/11	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/11	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/11	1.0	0.0	1.0/1.0 µg/L

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Chlorobenzene	0/11	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/11	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/11	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/11	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/11	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/11	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/6	1.0	0.0	1.0/1.0 µg/L
cis-1,2-Dichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/5	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	0/11	10.0	0.0	10.0/10.0 µg/L
1,2-Dichloropropane	0/11	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/11	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/11	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/11	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/11	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/11	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/11	5.0	0.0	5.0/5.0 µg/L
Styrene	0/11	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/11	1.0	0.0	1.0/1.0 µg/L
Toluene	0/11	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/11	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/11	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/11	1.0	0.0	1.0/1.0 µg/L

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

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

Table 77. Bailed Wells

Well	Date
AS 1	11/08/00
AS 1	12/06/00
AS 8	11/08/00
AS 8	12/06/00
AS 9	11/08/00
AS 9	12/06/00
AS 11	11/08/00
AS 11	12/06/00
RPC 8DL	10/30/00
TCM 1	11/21/00
TIR 1L	11/21/00
TIR 1M	11/21/00
TIR 1U	11/21/00
TIR 2	11/22/00
TNX 13D	11/20/00
TNX 14D	11/20/00
TNX 15D	11/20/00
TNX 17D	11/21/00
TNX 18D	11/20/00

Well	Date
TNX 19D	11/20/00
TNX 20D	11/20/00
TNX 22D	11/21/00

Table 78. Sampled Wells with Metal Casings

Well	Casing	Well	Casing
MSB 29TA	Carbon steel	RWM 14B	Carbon steel
MSB 55TA	Carbon steel	RWM 14C	Carbon steel
MSB 82TA	Carbon steel	RWM 15B	Carbon steel
RSD 2C	Steel	RWM 17B	Stainless steel
RWM 1	Carbon steel	RWM 17D	Carbon steel
RWM 3	Carbon steel	TNX 13D	Stainless steel
RWM 4	Carbon steel	TNX 14D	Stainless steel
RWM 5	Carbon steel	TNX 15D	Stainless steel
RWM 6	Carbon steel	TNX 16D	Stainless steel
RWM 7	Carbon steel	TNX 17D	Stainless steel
RWM 8	Carbon steel	TNX 18D	Stainless steel
RWM 9	Carbon steel	TNX 19D	Stainless steel
RWM 10	Carbon steel	TNX 20D	Stainless steel
RWM 11	Carbon steel	TNX 21D	Stainless steel
RWM 13B	Carbon steel	TNX 22D	Stainless steel
RWM 13C	Carbon steel	TNX 26D	Stainless steel

Table 79. Wells That Had Turbidity Greater Than 15 NTU

Well	Date	Results (in NTU)
AS 1	11/08/00	795
AS 1	12/06/00	1,000
AS 8	11/08/00	1,000
AS 8	12/06/00	1,000
AS 9	12/06/00	1,000
AS 11	11/08/00	25.0
AS 11	12/06/00	1,000
BGO 32D	12/18/00	37.2
BGX 11D	12/16/00	38.8
BSW 1C1	12/04/00	448
BSW 1C2	12/04/00	907
BSW 1C3	12/04/00	409
BSW 1C4	12/05/00	507
BSW 1D1	12/05/00	67.0
BSW 1D2	12/05/00	54.2
BSW 2C1	12/06/00	407
BSW 2C2	12/06/00	385
BSW 2D2	12/06/00	529
BSW 2D3	12/06/00	20.3
BSW 3C4	12/30/00	1,000
BSW 3D2	12/27/00	81.0
BSW 4C1	12/27/00	1,000
BSW 4C2	12/30/00	111
BSW 4C3	12/27/00	540
BSW 4D2	12/27/00	19.0
BSW 4D3	12/27/00	95.4
BSW 5C1	12/20/00	22.0

Well	Date	Results (in NTU)
BSW 5C3	12/21/00	17.5
BSW 5C4	12/21/00	35.0
BSW 5D1	12/20/00	286
BSW 5D2	12/21/00	40.7
BSW 5D3	12/21/00	283
BSW 6C1	12/08/00	166
BSW 6C2	12/08/00	19.6
BSW 6C3	12/13/00	449
BSW 6C4	12/14/00	44.1
BSW 6D3	12/14/00	106
BSW 7C1	12/29/00	1,000
BSW 7C2	12/29/00	1,000
BSW 7C3	12/29/00	540
BSW 7C4	12/30/00	1,000
BSW 7D2	12/29/00	708
BSW 7D3	12/29/00	186
BSW 8C1	12/22/00	273
BSW 8C2	12/22/00	290
BSW 8C3	12/23/00	1,000
BSW 8C4	12/23/00	1,000
BSW 8D1	12/22/00	605
BSW 8D3	12/23/00	30.0
CRP 17DU	11/20/00	43.7
CRP 17DU	12/07/00	146
FSB107D	10/30/00	65.0
FSL 1D	10/20/00	60.4
FSL 3D	10/09/00	18.2
FSS 2D	12/04/00	38.8
HAA 3D	10/31/00	74.3
HSB 86D	10/25/00	27.0
HSB142D	12/19/00	23.4
KDB 1	10/19/00	28.4
KDB 1	12/29/00	23.9
KDB 4	12/29/00	105
KDB 5	10/19/00	19.6
RPC 7DU	10/31/00	43.6
RPC 11DU	11/07/00	21.8
RPC 14DU	11/07/00	47.5
RPC 14DU	12/13/00	162
SRW 17DR	11/21/00	17.1
SRW 18	11/20/00	34.4
TCM 7	12/13/00	23.0
TNX 21D	12/06/00	24.5
TNX 36D	11/30/00	72.5

Table 80. Analyses Not Performed by EX

Well	Analyte	Reason
TBG 4	Aluminum, mercury, lead, nitrate-nitrite as nitrogen	Canceled-laboratory did not receive bottles
TBG 5	Aluminum, mercury, lead, nitrate-nitrite as nitrogen	Canceled-laboratory did not receive bottles

Table 81. Analyses Not Performed by GE

Well	Analyte	Reason
BSE 1C3	Carbon-14	Canceled
BGO 51D	Carbon-14	Canceled

Table 82. Analyses Not Performed by WA

Well	Analyte	Reason
BGO 14CR	Appendix IX BNAs	Canceled~~b~~ottles were not labeled
BGO 31D	Aluminum, antimony, arsenic, barium, cadmium, chromium, copper, iron, mercury, lead, lithium, nickel, selenium, silver, tin, zinc	Canceled~~b~~ottles were not labeled
BGO 37C	Phenols	Canceled~~v~~olume depleted

Site Index

Table 83 provides information about sites, locations, and well series. Some locations were not available.

Table 83. 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
AS	Injection Wells of the C-Area Reactor	
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 near the Burial Grounds	Northern E Area
BRD	Road A Chemical Basin (Baxley Road)	East of D Area
BRR	Burma Road Rubble Pit	Southwest of F Area
BSE	Multiscreened Wells for the Burial Ground Complex Southeast Plume Area	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	Surrounding the 288-1F Ash Basin	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 Groundwater Remediation, Hot Spot Extraction Wells	
FIN	F-Area Seepage Basins Groundwater Remediation, Hot Spot Injection Wells	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 Groundwater Remediation, Hot Spot Extraction Wells	East of Road 4
HHP	HP-52 Outfall Area and Warners Pond	
HIN	H-Area Seepage Basins Groundwater Remediation, Hot Spot Injection Wells	South of Road E
HIW	H-Area Injection Wells	Near the H-Area seepage basins
HMD	Hazardous Waste/Mixed Waste Disposal Facility	Northwest of the burial ground expansion
HR3	Old H-Area Retention Basin	Southeast of the intersection of Roads 4 and E
HR8	H-Area Retention Basin	Southeast of the intersection of Roads 4 and E
HSB	H-Area Seepage Basins	Southwest of H Area and the intersection of Roads 4 and E
HSL	H-Area Inactive Process Sewer Line	Extends from the southwest portion of H Area to north of the H-Area seepage basins
HSS	H-Area Sludge Land Application Site	Southeast of H Area
HTF	H-Area Tank Farm	At the south end of H Area
HWP	Warner's Pond and HP-52 Outfall	
HWS	Hazardous Waste Storage Facility	Northwest of N Area
HXB	Ford Building Seepage Basin	In the southeast portion of N Area
IDB	Interim Waste Technology Site Characterization Wells, Site B	Two miles northeast of H Area
IDP	Interim Waste Technology Site Characterization Wells, Site P	South of B Area and north of Highway 125
IDQ	Interim Waste Technology Site Characterization Wells, Site Q	Adjacent to Site P, South or B Area and north of Highway 125
KAB	K-Area Ash Basin	Southwest of K Area
KBP	K-Area Bingham Pump Outage Pit	
KCB	K-Area Coal Pile Runoff Containment Basin	West of K Area, between the K-Area ash basin and reactor seepage basin
KDB	K-Area Disassembly Basin	
KDT	K-Area Diesel Tank	Central K Area, north of the disassembly basin
KRB	K-Area Retention Basin	Northwest of K Area
KRP	K-Area Burning/Rubble Pit	
KSB	K-Area Reactor Seepage Basin	West of K Area
KSM	K-Area Tritium Sump	Near the K-Area process water storage tank
KSS	K-Area Sludge Land Application Site	Southeast of K Area
LAC	L-Area Acid/Caustic Basin	

Well Series	*Site*	*Location*
LAW	L-Area Research Wells	North of Road B and east of Road B-2.13
LBP	L-Area Bingham Pump Outage Pit	
LCO	L-Area Oil and Chemical Basin	South of L Area
LDB	L-Area Disassembly Basin	
LDS	108-3L Bioremediation Facility	
LFW	Sanitary Landfill	South of Road C
LRP	L-Area Burning/Rubble Pit	Northwest of L Area
LSB	L-Area Reactor Seepage Basin	Southeast of L Area, adjacent to the L-Area oil and chemical basin
MCB	Miscellaneous Chemical Basin	West of Road D near the A-Area metals burning pit
MSB	M-Area Hazardous Waste Management Facility (HWMF) and M-Area Plume Definition Wells	South of A Area and M Area and west of Road D (HWMF)
NBG	Wells between the F-Area Canyon Building and the Naval Fuel Material Facility	Between the canyon building and the Naval Fuel Material Facility
P	SRS Baseline Hydrogeologic Investigation Observation Well Clusters B-Area Microbiology Wells (P 29 Cluster) East of H-Area Perimeter Fence (P 27 Cluster) R-Area Bedrock Exploration Hydrology Wells (P 20 Cluster) T-Area (TNX) Background Wells (P 26 Cluster)	East of the H-Area perimeter fence
PB	L-Area Cooling Pond Dam Piezometers	
PBP	P-Area Bingham Pump Outage Pit	
PCB	P-Area Coal Pile Runoff Containment Basin	Southeast of the coal pile and south of P Area
PDB	P-Area Disassembly Basin	
PRP	P-Area Burning/Rubble Pit	West of P Area
PSB	P-Area Reactor Seepage Basins	Southwest of the reactor building
PSS	Par Pond Sludge Land Application Site	South of PAR Pond
PW	Production Wells	
RAC	R-Area Acid/Caustic Basin	South of R Area, just south of Road G
RBP	R-Area Bingham Pump Outage Pit	
RBW	R-Area Reactor Seepage Basins	Northwest of R Area
RCP	R-Area Coal Pile	West of the R-Area reactor building
RDB	R-Area Disassembly Basin	
RPC	R-Area Reactor Seepage Basins	Northwest of R Area
RRP	R-Area Burning/Rubble Pits	Southeast of R Area and Road G
RSA	Series A, R-Area Reactor Seepage Basins	Northwest of R Area
RSB	Series B, R-Area Reactor Seepage Basins	Northwest of R Area
RSC	Series C, R-Area Reactor Seepage Basins	Northwest of R Area
RSD	Series D, between R-Area Reactor Seepage Basin and R-Area Disassembly Basin	Northwest of R Area
RSE	Series E, R-Area Reactor Seepage Basins	Northwest of R Area
RSF	Series F, R-Area Reactor Seepage Basins	Northwest of R Area
RSP	R-Area Reactor Seepage Basins	Northwest of R Area
RWM	M-Area Recovery Wells	
SBG	S-Area Defense Waste Processing Facility	
SCA	S-Area Vitrification Building	
SLP	S-Area Low-Point Pump Pit	At the south end of S Area
SRW	Silverton Road Waste Site	South of Silverton Road
SSM	M-Area Southern Sector	
TBG	T-Area Burying Ground	Within the T-Area fence
TCM	TNX Permeable Wall Demonstration Well Installation	
TIR	TNX Intrinsic Remediation Piezometers	
TNX	TNX-Area Assessment Wells	
TRW	TNX-Area Test Recovery Wells	

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

SITE HISTORY

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

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

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

Acid/Caustic Basins

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

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

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

Burning/Rubble, Rubble, and Metals Burning Pits

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

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

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

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

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

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

F-Area Ash Basin

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

R-Area Coal Pile

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

Disassembly Basins

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

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

Seepage and Retention Basins

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

C-Area Reactor Seepage Basins

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

F-Area Seepage Basins and Inactive Process Sewer Line

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

Ford Building Seepage Basin

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

H-Area Retention Basins

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

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

H-Area Seepage Basins and Inactive Process Sewer Line

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

K-Area Reactor Seepage Basin

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

L-Area Reactor Seepage Basin

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

M-Area Hazardous Waste Management Facility

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

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

Metallurgical Laboratory Seepage Basin

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

New T-Area (TNX) Seepage Basin

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

Old F-Area Seepage Basin

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

Old T-Area (TNX) Seepage Basin

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

P-Area Reactor Seepage Basins

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

R-Area Reactor Seepage Basins

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

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

Savannah River Laboratory Seepage Basins

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

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

Operating Buildings and Facilities

Defense Waste Processing Facility (S-Area Vitrification Building)

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

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

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

F-Area Effluent Treatment Cooling Water Basin

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

H-Area Auxiliary Pump Pit

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

H-Area Canyon Building

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

H-Area Effluent Treatment Cooling Water Basin

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

K-Area Tritium Sump

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

N-Area Hazardous Waste Storage Facility

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

Naval Fuel Material Facility

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

S-Area Facilities

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

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

S-Area Low-Point Pump Pit

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

Z-Area Low-Point Drain Tank

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

Z-Area Saltstone Manufacturing and Disposal Facility

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

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

Plume Monitoring

A Area and M Area

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

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

Separations and Waste Management Areas

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

Radioactive Waste Storage and Disposal Facilities

Burial Grounds

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

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

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

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

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

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

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

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

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

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

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

Tank Farms

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

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

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

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

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

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

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

Sanitary Landfill and Interim Sanitary Landfill

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

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

Sludge Application Sites

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

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

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

H-Area Sanitary Sludge Land Application Site

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

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

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

Other Sites

B-Area Gas Station

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

Baseline Hydrogeologic Investigation Observation Well Clusters

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

Chemicals, Metals, and Pesticides Pits

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

D-Area Oil Disposal Basin

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

Interim Waste Technology Site Characterization Wells

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

K-Area Diesel Tank Spill

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

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

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

M-Area Recovery Wells

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

Miscellaneous Chemical Basin

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

Motor Shop Oil Basin

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

N-Area Diesel Spill Hazardous Waste Storage Facility

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

N-Area Fire Department Training Facility

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

N-Area Hydrofluoric Acid Spill

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

Production Wells

The PW series wells are production wells scattered across SRS.

Road A (Baxley Road) Chemical Basin

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

Silverton Road Waste Site

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

TNX Burying Ground

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

NOTES

Glossary

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

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

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

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

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

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

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

analyte. Analyzed constituent.

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

APHA. American Public Health Association.

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

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

ASTM. American Society for Testing and Materials.

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

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

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

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

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

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

cation. Positively charged ion.

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

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

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

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

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

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

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

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

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

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

DL. See **analytical detection limit**.

DNAPL. Dense nonaqueous phase liquid.

DOE. U.S. Department of Energy.

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

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

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

DWS. See **drinking water standards**.

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

EM. EPD/EMS Laboratory at SRS.

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

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

EMS code. See **qualifier**.

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

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

EPA. U.S. Environmental Protection Agency.

EPD. Environmental Protection Department at SRS.

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

EQL. See **estimated quantitation limit**.

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

ES. See **QST Environmental**.

estimated quantitation limit (EQL). The lowest concentration reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The EQL is generally 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 NUtech. Thermo NUtech, of Oak Ridge, TM (subcontractor for Recra LabNet Philadelphia and QST Environmental).

TL. See **Triangle Laboratories.**

TM. See Thermo NUtech.

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

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

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

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

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

U. Unclassified.

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

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

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

WA. See **Recra LabNet Philadelphia**.

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

wellhead. The top of a well.

WSRC. Westinghouse Savannah River Company.

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Addendum: MS Third Quarter Results

Quality Control Standards

During third quarter 2000, EPD/EMS conducted quality assessments of EM, EX, GE, WA, ML, and MS laboratories. Each laboratory received a set of certified environmental quality control standards from Environmental Resource Associates (ERA) of Arvada, CO (lot numbers 442, 584, 587, 590, 3229, 3230, 3432, 3438, 8922, 9989, 99101, and 99102). 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. Because MS results arrived after publication of the third quarter report, this addendum includes them. MS results and the certified values and limits are listed in table 84.

MS does not perform the following analyses: cations, grease and oil, herbicides, inorganics, nutrients, and turbidity. Consequently, the laboratory was not requested to report the results for these analyses. MS was not asked to perform analyses for phenols, total petroleum hydrocarbons, trace metals, and xylenes.

Forty-five analyses were requested of MS. MS reported results for all 45, of which 42, or 93.3%, were within the PALs. The results included, in addition to those requested on the delivery order, analyses for 19 trace metals; the trace metal results all fell within the PALs.

Table 84. Quality Control Standards for Selected Analyses for MS

Analyte	*Certified Value*	*Performance Acceptance Limits*	*MS Result*	*Functional Guideline Code*
Acids (Lot 590)				
2-Chlorophenol (µg/L)	88.8	36.5–99.8	55.0	
o-Cresol (2-Methylphenol) (µg/L)	133	42.3–154	73.0	
Pentachlorophenol (µg/L)	93.6	29.1–118	75.0	
2,4,5-Trichlorophenol (µg/L)	82.1	32.3–94.9	66.0	
2,4,6-Trichlorophenol (µg/L)	72.8	31.4–83.4	61.0	
Base/Neutrals (Lot 590)				
Anthracene (µg/L)	65.3	30.8–76.1	51.0	
Benzo[*a*]anthracene (µg/L)	56.8	23.8–67.5	50.0	
Bis(2-ethylhexyl) phthalate (µg/L)	50.1	20.2–63.9	49.0	
Chrysene (µg/L)	39.9	18.4–48.9	38.0	
Dibenzofuran (µg/L)	30.2	14.4–33.5	24.0	
1,2-Dichlorobenzene (µg/L)	120	28.1–137	61.0	
Diethylphthalate (µg/L)	50.4	12.1–65.0	47.0	
2,4-Dinitrotoluene (µg/L)	134	56.1–154	95.0	
2,6-Dinitrotoluene (µg/L)	97.6	50.1–111	73.0	
Naphthalene (µg/L)	145	51.4–165	90.0	
N-Nitrosodi-n-propylamine (µg/L)	110	46.5–135	69.0	
Phenanthrene (µg/L)	73.2	39.6–84.3	60.0	
Pyrene (µg/L)	27.9	13.0–33.9	29.0	
1,2,4-Trichlorobenzene (µg/L)	123	35.9–140	70.0	
Cations (Lot 442)				
Calcium (µg/L)	19,500	17,600–21,500	†	
Magnesium (µg/L)	15,900	14,200–17,600	†	
Potassium (µg/L)	28,200	25,700–30,700	†	
Sodium (µg/L)	22,300	19,600–25,000	†	
Cyanide and Phenol (Lot 9989)				
Cyanide, total (µg/L)	785	573–997	†	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*MS Result*	*Functional Guideline Code*
Phenols (µg/L)	377	286–467	†	
Grease and Oil (Lot 99102)				
Grease and oil (gravimetric) (mg/bottle)	17.8	10.7–22.2	†	
Herbicides (Lot 3230)				
2-sec-Butyl-4,6-dinotrophenol (µg/L)	15.1	4.95–19.5	†	
2,4-Dichlorophenoxyacetic acid (µg/L)	9.27	4.64–13.9	†	
2,4,5-TP (Silvex) (µg/L)	14.7	7.35–22.1	†	
Inorganics (Lot 3438)				
Alkalinity (as $CaCO_3$) (µg/L)	79,000	73,500–88,900	†	
Bromide (µg/L)	255	227–288	†	
Chloride (µg/L)	6,010	5,340–6,780	†	
Fluoride (µg/L)	2,890	2,600–3,180	†	
Nitrate as nitrogen (µg/L)	9,060	8,150–10,000	†	
pH (pH units)	9.13	8.93–9.33	†	
Potassium (µg/L)	31,300	26,900–36,500	†	
Sodium (µg/L)	66,500	60,100–73,700	†	
Specific conductance (µS/cm)	383	320–436	†	
Sulfate (µg/L)	54,900	47,000–62,000	†	
Total dissolved solids (µg/L)	353,000	289,000–395,000	†	
Nutrients (Lot 99102)				
Ammonia as nitrogen (µg/L)	17,800	14,900–20,600	†	
Nitrate-nitrite as nitrogen (µg/L)	5,390	4,800–5,990	†	
Total phosphates (as P) (µg/L)	2,360	2,010–2,720	†	
PCBs (Lot 584)				
PCB 1248 (µg/L)	5.35	2.87–6.92	3.2	
Pesticides (Lot 3229)				
Aldrin (µg/L)	1.12	0.616–1.62	0.96	
Dieldrin (µg/L)	1.27	0.699–1.84	1.20	
Endrin (µg/L)	0.631	0.442–0.82	0.88 ◆	
Heptachlor (µg/L)	1.79	0.985–2.60	1.90	
Heptachlor epoxide (µg/L)	0.953	0.524–1.38	1.20	
Lindane (gamma-BHC) (µg/L)	1.02	0.561–1.48	0.96	
Methoxychlor (µg/L)	20.7	11.4–30.0	25.0	
Total Petroleum Hydrocarbons (Lot 8922)				
Total petroleum hydrocarbons, infrared (mg/L)	54.6	34.0–70.8	†	
Toxaphene (Lot 3229)				
Toxaphene (µg/L)	8.18	4.50–11.9	†	
Trace Metals (Lot 99101)				
Aluminum (µg/L)	797	654–940	†800	
Antimony (µg/L)	254	191–300	†250	
Arsenic (µg/L)	388	291–458	†450	
Barium (µg/L)	791	649–933	†790	
Beryllium (µg/L)	456	374–538	†450	
Boron (µg/L)	242	198–301	†	
Cadmium (µg/L)	167	137–197	†170	
Chromium (µg/L)	493	404–581	†500	
Cobalt (µg/L)	954	782–1,130	†990	
Copper (µg/L)	86.6	71.0–102	†80.0	

Analyte	*Certified Value*	*Performance Acceptance Limits*	*MS Result*	*Functional Guideline Code*
Iron (µg/L)	1,240	1,020–1,460	†1,200	
Lead (µg/L)	605	496–714	†630	
Manganese (µg/L)	571	468–674	†570	
Mercury (µg/L)	5.97	4.47–7.46	†5.90	
Molybdenum (µg/L)	548	449–646	†	
Nickel (µg/L)	2,490	2,050–2,940	†2,600	
Selenium (µg/L)	1,480	1,110–1,750	†1,500	
Silver (µg/L)	513	421–606	†540	
Strontium (µg/L)	256	210–302	†	
Thallium (µg/L)	321	241–379	†340	
Vanadium (µg/L)	228	187–269	†230	
Zinc (µg/L)	1,340	1,100–1,580	†1,400	
Turbidity (Lot 3432)				
Turbidity (NTU)	1.50	1.28–1.75	†	
Volatiles (Lot 587)				
Benzene (µg/L)	62.2	48.2–77.5	50.0	
Bromodichloromethane (µg/L)	15.8	12.1–19.6	14.0	
Bromoform (µg/L)	76.4	55.9–98.3	65.0	
Carbon tetrachloride (µg/L)	108	79.3–134	<5.0 ◆	
Chlorobenzene (µg/L)	16.0	12.5–19.1	13.0	
Chloroform (µg/L)	63.8	49.0–78.0	58.0	
Dibromochloromethane (µg/L)	97.1	75.6–120	83.0	
1,2-Dichlorobenzene (µg/L)	56.8	43.2–69.8	†	
1,3-Dichlorobenzene (µg/L)	49.9	38.2–60.1	†	
1,4-Dichlorobenzene (µg/L)	110	82.6–134	†	
1,1-Dichloroethane (µg/L)	25.5	18.3–32.4	25.0	
1,2-Dichloroethane (µg/L)	137	107–173	130	
Dichloromethane (Methylene chloride) (µg/L)	83.7	59.2–109	82.0	
1,2-Dichloropropane	24.3	18.3–29.8	21.0	
Ethylbenzene (µg/L)	63.4	47.4–74.0	52.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	59.4	34.4–81.1	50.0	
Styrene	36.8	25.6–44.8	34.0	
Tetrachloroethylene (µg/L)	36.7	27.1–44.3	31.0	
Toluene (µg/L)	132	102–159	<100 ◆	
1,1,1-Trichloroethane (µg/L)	85.4	61.7–102	72.0	
Trichloroethylene (µg/L)	85.9	63.8–104	74.0	
p-Xylene (µg/L)	144	93.2–181	120†	

† The laboratory was not asked to report the results for this analysis.
◆ Result is out of range.

Appendix A. Water-Level Data

During fourth 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: 12/30/00 Time: 14:20
Depth to water: 152.96 ft (46.62m) below TOC
Water elevation: 218.94 ft (66.73m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 14:14
Depth to water: 160.88 ft (49.04m) below TOC
Water elevation: 193.62 ft (59.02m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 14:22
Depth to water: 178.97 ft (54.55m) below TOC
Water elevation: 193.13 ft (58.87m) msl

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:12
Depth to water: 127.81 ft (38.96m) below TOC
Water elevation: 216.89 ft (66.11m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:12
Depth to water: 120.06 ft (36.59m) below TOC
Water elevation: 224.74 ft (68.50m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:36
Depth to water: 95.94 ft (29.24m) below TOC
Water elevation: 206.36 ft (62.90m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:36
Depth to water: 94.17 ft (28.70m) below TOC
Water elevation: 208.33 ft (63.50m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 14:45
Depth to water: Not available
Water elevation: 349.8 ft (106.62m) msl

WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:31
Depth to water: 166.58 ft (50.77m) below TOC
Water elevation: 213.92 ft (65.20m) msl

WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:32
Depth to water: 160.62 ft (48.96m) below TOC
Water elevation: 219.78 ft (66.99m) msl

WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:33
Depth to water: 154.02 ft (46.95m) below TOC
Water elevation: 226.28 ft (68.97m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:33
Depth to water: 140.39 ft (42.79m) below TOC
Water elevation: 229.51 ft (69.96m) msl

WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:33
Depth to water: 159.8 ft (48.71m) below TOC
Water elevation: 213.8 ft (65.17m) msl

WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:34
Depth to water: 152.9 ft (46.60m) below TOC
Water elevation: 220.1 ft (67.09m) msl

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:34
Depth to water: 140.65 ft (42.87m) below TOC
Water elevation: 227.25 ft (69.27m) msl

WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:34
Depth to water: 152.15 ft (46.38m) below TOC
Water elevation: 214.35 ft (65.33m) msl

WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:35
Depth to water: 147.85 ft (45.07m) below TOC
Water elevation: 218.55 ft (66.61m) msl

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:35
Depth to water: 139.92 ft (42.65m) below TOC
Water elevation: 229.88 ft (70.07m) msl

WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:35
Depth to water: 150.1 ft (45.75m) below TOC
Water elevation: 215 ft (65.53m) msl

WELL AMB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:36
Depth to water: 153.25 ft (46.71m) below TOC
Water elevation: 230.15 ft (70.15m) msl

WELL AMB 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:36
Depth to water: 152.05 ft (46.35m) below TOC
Water elevation: 228.35 ft (69.60m) msl

WELL AMB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:36
Depth to water: 165.1 ft (50.32m) below TOC
Water elevation: 214 ft (65.23m) msl

WELL AMB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:37
Depth to water: 163.45 ft (49.82m) below TOC
Water elevation: 213.85 ft (65.18m) msl

WELL AMB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:37
Depth to water: 147.29 ft (44.89m) below TOC
Water elevation: 228.71 ft (69.71m) msl

WELL AMB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:37
Depth to water: 139.05 ft (42.38m) below TOC
Water elevation: 224.65 ft (68.47m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:31
Depth to water: Not available
Water elevation: 341.1 ft (103.97m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:33
Depth to water: Not available
Water elevation: 345.4 ft (105.28m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 14:38
Depth to water: 115.55 ft (35.22m) below TOC
Water elevation: 229.85 ft (70.06m) msl

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:45
Depth to water: 121.35 ft (36.99m) below TOC
Water elevation: 231.25 ft (70.49m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:38
Depth to water: 140.22 ft (42.74m) below TOC
Water elevation: 214.88 ft (65.50m) msl

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:29
Depth to water: 122.75 ft (37.41m) below TOC
Water elevation: 214.55 ft (65.40m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:23
Depth to water: 122.99 ft (37.49m) below TOC
Water elevation: 216.81 ft (66.08m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:42
Depth to water: 133.72 ft (40.76m) below TOC
Water elevation: 214.68 ft (65.44m) msl

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:38
Depth to water: 113.72 ft (34.66m) below TOC
Water elevation: 235.38 ft (71.74m) msl

WELL ASB 2AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:38
Depth to water: 121.61 ft (37.07m) below TOC
Water elevation: 233.99 ft (71.32m) msl

WELL ASB 2CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:38
Depth to water: 136.75 ft (41.68m) below TOC
Water elevation: 218.85 ft (66.71m) msl

WELL ASB 3AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:39
Depth to water: 107.45 ft (32.75m) below TOC
Water elevation: 234.15 ft (71.37m) msl

WELL ASB 3CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:39
Depth to water: 123.25 ft (37.57m) below TOC
Water elevation: 218.25 ft (66.52m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:39
Depth to water: 102.65 ft (31.29m) below TOC
Water elevation: 232.95 ft (71.00m) msl

WELL ASB 5AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:40
Depth to water: 114.85 ft (35.01m) below TOC
Water elevation: 232.15 ft (70.76m) msl

WELL ASB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:40
Depth to water: 129.32 ft (39.42m) below TOC
Water elevation: 217.98 ft (66.44m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:40
Depth to water: 114.31 ft (34.84m) below TOC
Water elevation: 235.89 ft (71.90m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:40
Depth to water: 141.6 ft (43.16m) below TOC
Water elevation: 212.6 ft (64.80m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:41
Depth to water: 133.9 ft (40.81m) below TOC
Water elevation: 219.7 ft (66.97m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:41
Depth to water: 147.09 ft (44.83m) below TOC
Water elevation: 205.81 ft (62.73m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:41
Depth to water: 119.45 ft (36.41m) below TOC
Water elevation: 229.55 ft (69.97m) msl

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:42
Depth to water: 136.69 ft (41.66m) below TOC
Water elevation: 212.61 ft (64.80m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:42
Depth to water: 137.95 ft (42.05m) below TOC
Water elevation: 211.85 ft (64.57m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:42
Depth to water: 135.01 ft (41.15m) below TOC
Water elevation: 214.69 ft (65.44m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:44
Depth to water: 140.45 ft (42.81m) below TOC
Water elevation: 209.15 ft (63.75m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:36
Depth to water: 74.19 ft (22.61m) below TOC
Water elevation: 234.81 ft (71.57m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:43
Depth to water: Not available
Water elevation: 309 ft (94.18m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:43
Depth to water: Not available
Water elevation: 309 ft (94.18m) msl

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:44
Depth to water: 93.75 ft (28.58m) below TOC
Water elevation: 215.25 ft (65.61m) msl

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:44
Depth to water: 94.45 ft (28.79m) below TOC
Water elevation: 215.45 ft (65.67m) msl

WELL ASB 10CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:45
Depth to water: 131.75 ft (40.16m) below TOC
Water elevation: 217.45 ft (66.28m) msl

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 6:58
Depth to water: 54.95 ft (16.75m) below TOC
Water elevation: 240.15 ft (73.20m) msl

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 6:59
Depth to water: 55.05 ft (16.78m) below TOC
Water elevation: 244.35 ft (74.48m) msl

WELL BGO 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:00
Depth to water: 130.18 ft (39.68m) below TOC
Water elevation: 161.72 ft (49.29m) msl

WELL BGO 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:00
Depth to water: 67 ft (20.42m) below TOC
Water elevation: 224.9 ft (68.55m) msl

WELL BGO 3DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:01
Depth to water: 62.3 ft (18.99m) below TOC
Water elevation: 229.2 ft (69.86m) msl

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:01
Depth to water: 67.03 ft (20.43m) below TOC
Water elevation: 230.47 ft (70.25m) msl

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:02
Depth to water: 83.72 ft (25.52m) below TOC
Water elevation: 212.38 ft (64.73m) msl

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:02
Depth to water: 69.39 ft (21.15m) below TOC
Water elevation: 226.91 ft (69.16m) msl

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:03
Depth to water: 127.69 ft (38.92m) below TOC
Water elevation: 157.91 ft (48.13m) msl

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:03
Depth to water: 71.31 ft (21.74m) below TOC
Water elevation: 215.49 ft (65.68m) msl

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:04
Depth to water: 69.64 ft (21.23m) below TOC
Water elevation: 215.96 ft (65.83m) msl

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:04
Depth to water: 57.23 ft (17.44m) below TOC
Water elevation: 228.27 ft (69.58m) msl

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:05
Depth to water: 58.6 ft (17.86m) below TOC
Water elevation: 228.4 ft (69.62m) msl

WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:06
Depth to water: 127.18 ft (38.76m) below TOC
Water elevation: 159.42 ft (48.59m) msl

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:06
Depth to water: 68.08 ft (20.75m) below TOC
Water elevation: 219.82 ft (67.00m) msl

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:06
Depth to water: 59.29 ft (18.07m) below TOC
Water elevation: 228.51 ft (69.65m) msl

WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:52
Depth to water: 128.22 ft (39.08m) below TOC
Water elevation: 156.58 ft (47.73m) msl

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:48
Depth to water: 59 ft (17.98m) below TOC
Water elevation: 226.1 ft (68.92m) msl

WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:56
Depth to water: 144.32 ft (43.99m) below TOC
Water elevation: 156.38 ft (47.67m) msl

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:44
Depth to water: 143.55 ft (43.75m) below TOC
Water elevation: 156.95 ft (47.84m) msl

WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:58
Depth to water: 85.22 ft (25.98m) below TOC
Water elevation: 215.78 ft (65.77m) msl

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:44
Depth to water: 85.6 ft (26.09m) below TOC
Water elevation: 215.7 ft (65.75m) msl

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:45
Depth to water: 72.35 ft (22.05m) below TOC
Water elevation: 228.05 ft (69.51m) msl

WELL BGO 11DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:39
Depth to water: 77.8 ft (23.71m) below TOC
Water elevation: 227.4 ft (69.31m) msl

WELL BGO 12AX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:33
Depth to water: 156.91 ft (47.83m) below TOC
Water elevation: 155.89 ft (47.52m) msl

WELL BGO 12CX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:36
Depth to water: 86.18 ft (26.27m) below TOC
Water elevation: 227.12 ft (69.23m) msl

WELL BGO 12DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:36
Depth to water: 96.87 ft (29.53m) below TOC
Water elevation: 216.73 ft (66.06m) msl

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:30
Depth to water: 92.25 ft (28.12m) below TOC
Water elevation: 227.05 ft (69.21m) msl

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:21
Depth to water: 143.35 ft (43.69m) below TOC
Water elevation: 157.35 ft (47.96m) msl

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:20
Depth to water: 80.75 ft (24.61m) below TOC
Water elevation: 219.75 ft (66.98m) msl

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:19
Depth to water: 73.5 ft (22.40m) below TOC
Water elevation: 226.8 ft (69.13m) msl

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:08
Depth to water: 72.27 ft (22.03m) below TOC
Water elevation: 226.43 ft (69.02m) msl

WELL BGO 16AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:07
Depth to water: 144.32 ft (43.99m) below TOC
Water elevation: 159.38 ft (48.58m) msl

WELL BGO 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:08
Depth to water: 90.08 ft (27.46m) below TOC
Water elevation: 215.02 ft (65.54m) msl

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:08
Depth to water: 77.04 ft (23.48m) below TOC
Water elevation: 227.56 ft (69.36m) msl

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:09
Depth to water: 135.35 ft (41.26m) below TOC
Water elevation: 159.85 ft (48.72m) msl

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:09
Depth to water: 66.66 ft (20.32m) below TOC
Water elevation: 228.24 ft (69.57m) msl

WELL BGO 19DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:10
Depth to water: 66.48 ft (20.26m) below TOC
Water elevation: 227.32 ft (69.29m) msl

WELL BGO 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:11
Depth to water: 114 ft (34.75m) below TOC
Water elevation: 169.9 ft (51.79m) msl

WELL BGO 20AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:11
Depth to water: 123.74 ft (37.72m) below TOC
Water elevation: 159.86 ft (48.73m) msl

WELL BGO 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:11
Depth to water: 58.4 ft (17.80m) below TOC
Water elevation: 225.1 ft (68.61m) msl

WELL BGO 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:12
Depth to water: 56.9 ft (17.34m) below TOC
Water elevation: 226.6 ft (69.07m) msl

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:12
Depth to water: 53.27 ft (16.24m) below TOC
Water elevation: 230.43 ft (70.24m) msl

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:13
Depth to water: 54 ft (16.46m) below TOC
Water elevation: 231.4 ft (70.53m) msl

WELL BGO 22DX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:13
Depth to water: 53.82 ft (16.40m) below TOC
Water elevation: 231.88 ft (70.68m) msl

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:14
Depth to water: 60.05 ft (18.30m) below TOC
Water elevation: 229.15 ft (69.85m) msl

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:14
Depth to water: 58.81 ft (17.93m) below TOC
Water elevation: 234.39 ft (71.44m) msl

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:11
Depth to water: 138.38 ft (42.18m) below TOC
Water elevation: 158.12 ft (48.20m) msl

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:13
Depth to water: 129.5 ft (39.47m) below TOC
Water elevation: 157.7 ft (48.07m) msl

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:13
Depth to water: 61.55 ft (18.76m) below TOC
Water elevation: 223.95 ft (68.26m) msl

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:52
Depth to water: 58.8 ft (17.92m) below TOC
Water elevation: 217.2 ft (66.20m) msl

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:51
Depth to water: 52.73 ft (16.07m) below TOC
Water elevation: 223.57 ft (68.14m) msl

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:54
Depth to water: 54.95 ft (16.75m) below TOC
Water elevation: 222.45 ft (67.80m) msl

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:07
Depth to water: 106 ft (32.31m) below TOC
Water elevation: 158.2 ft (48.22m) msl

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:07
Depth to water: 45.9 ft (13.99m) below TOC
Water elevation: 218.9 ft (66.72m) msl

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:08
Depth to water: 43 ft (13.11m) below TOC
Water elevation: 222.5 ft (67.82m) msl

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:15
Depth to water: 58.28 ft (17.76m) below TOC
Water elevation: 216.22 ft (65.90m) msl

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:16
Depth to water: 50.35 ft (15.35m) below TOC
Water elevation: 224.45 ft (68.41m) msl

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:16
Depth to water: 51.25 ft (15.62m) below TOC
Water elevation: 221.85 ft (67.62m) msl

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:16
Depth to water: 51.23 ft (15.62m) below TOC
Water elevation: 222.47 ft (67.81m) msl

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 10:58
Depth to water: 57.95 ft (17.66m) below TOC
Water elevation: 223.75 ft (68.20m) msl

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 10:59
Depth to water: 86.29 ft (26.30m) below TOC
Water elevation: 193.11 ft (58.86m) msl

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:00
Depth to water: 51.75 ft (15.77m) below TOC
Water elevation: 228.55 ft (69.66m) msl

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:01
Depth to water: 44.32 ft (13.51m) below TOC
Water elevation: 230.58 ft (70.28m) msl

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:03
Depth to water: 45 ft (13.72m) below TOC
Water elevation: 228.4 ft (69.62m) msl

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:03
Depth to water: 40.9 ft (12.47m) below TOC
Water elevation: 232.6 ft (70.90m) msl

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:03
Depth to water: 39.98 ft (12.19m) below TOC
Water elevation: 235.42 ft (71.76m) msl

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:04
Depth to water: 56.43 ft (17.20m) below TOC
Water elevation: 229.87 ft (70.07m) msl

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:04
Depth to water: 49.8 ft (15.18m) below TOC
Water elevation: 237.5 ft (72.39m) msl

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:05
Depth to water: 55.01 ft (16.77m) below TOC
Water elevation: 236.59 ft (72.11m) msl

WELL BGO 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:06
Depth to water: 130.28 ft (39.71m) below TOC
Water elevation: 165.62 ft (50.48m) msl

WELL BGO 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:06
Depth to water: 66.65 ft (20.32m) below TOC
Water elevation: 229.75 ft (70.03m) msl

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:07
Depth to water: 60.08 ft (18.31m) below TOC
Water elevation: 235.62 ft (71.82m) msl

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:04
Depth to water: 69.9 ft (21.31m) below TOC
Water elevation: 218.5 ft (66.60m) msl

WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:15
Depth to water: 143.63 ft (43.78m) below TOC
Water elevation: 156.67 ft (47.75m) msl

WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:26
Depth to water: 78.62 ft (23.96m) below TOC
Water elevation: 219.28 ft (66.84m) msl

WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 16:05
Depth to water: 156.15 ft (47.60m) below TOC
Water elevation: 158.75 ft (48.39m) msl

WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 16:03
Depth to water: 159.2 ft (48.52m) below TOC
Water elevation: 155.1 ft (47.28m) msl

WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 16:08
Depth to water: 94.7 ft (28.86m) below TOC
Water elevation: 220.6 ft (67.24m) msl

WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 16:06
Depth to water: 87.92 ft (26.80m) below TOC
Water elevation: 227.38 ft (69.31m) msl

WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:00
Depth to water: 129.03 ft (39.33m) below TOC
Water elevation: 156.27 ft (47.63m) msl

WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:00
Depth to water: 127.1 ft (38.74m) below TOC
Water elevation: 158.2 ft (48.22m) msl

WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:01
Depth to water: 67.72 ft (20.64m) below TOC
Water elevation: 217.48 ft (66.29m) msl

WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:01
Depth to water: 68.35 ft (20.83m) below TOC
Water elevation: 217.25 ft (66.22m) msl

WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:02
Depth to water: 56.25 ft (17.15m) below TOC
Water elevation: 229.15 ft (69.85m) msl

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 14:59
Depth to water: 119.9 ft (36.55m) below TOC
Water elevation: 159 ft (48.46m) msl

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:00
Depth to water: 63.15 ft (19.25m) below TOC
Water elevation: 215.45 ft (65.67m) msl

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:01
Depth to water: 59.55 ft (18.15m) below TOC
Water elevation: 219.05 ft (66.77m) msl

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 15:02
Depth to water: 55 ft (16.76m) below TOC
Water elevation: 223.6 ft (68.15m) msl

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:01
Depth to water: 50.73 ft (15.46m) below TOC
Water elevation: 214.67 ft (65.43m) msl

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:02
Depth to water: 48.92 ft (14.91m) below TOC
Water elevation: 216.18 ft (65.89m) msl

WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:03
Depth to water: 43.85 ft (13.37m) below TOC
Water elevation: 221.25 ft (67.44m) msl

WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:04
Depth to water: 106 ft (32.31m) below TOC
Water elevation: 160.9 ft (49.04m) msl

WELL BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:07
Depth to water: 48.21 ft (14.69m) below TOC
Water elevation: 219.39 ft (66.87m) msl

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:07
Depth to water: 44.95 ft (13.70m) below TOC
Water elevation: 222.45 ft (67.80m) msl

WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:08
Depth to water: 56.54 ft (17.23m) below TOC
Water elevation: 220.06 ft (67.08m) msl

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 14:10
Depth to water: 54.12 ft (16.50m) below TOC
Water elevation: 222.78 ft (67.90m) msl

WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:18
Depth to water: 107.65 ft (32.81m) below TOC
Water elevation: 163.55 ft (49.85m) msl

WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:18
Depth to water: 47.72 ft (14.55m) below TOC
Water elevation: 223.38 ft (68.09m) msl

WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:18
Depth to water: 41.95 ft (12.79m) below TOC
Water elevation: 229.55 ft (69.97m) msl

WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:53
Depth to water: 96.8 ft (29.50m) below TOC
Water elevation: 158.6 ft (48.34m) msl

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:56
Depth to water: 40.16 ft (12.24m) below TOC
Water elevation: 215.34 ft (65.64m) msl

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:56
Depth to water: 34.75 ft (10.59m) below TOC
Water elevation: 221.25 ft (67.44m) msl

WELL BGO 51A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:19
Depth to water: 125.62 ft (38.29m) below TOC
Water elevation: 163.68 ft (49.89m) msl

WELL BGO 51AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:20
Depth to water: 122.85 ft (37.45m) below TOC
Water elevation: 166.35 ft (50.70m) msl

WELL BGO 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:20
Depth to water: 60.85 ft (18.55m) below TOC
Water elevation: 228.25 ft (69.57m) msl

WELL BGO 51C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:20
Depth to water: 59.96 ft (18.28m) below TOC
Water elevation: 229.14 ft (69.84m) msl

WELL BGO 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 7:21
Depth to water: 56.34 ft (17.17m) below TOC
Water elevation: 232.96 ft (71.01m) msl

WELL BGO 52A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:02
Depth to water: 122 ft (37.19m) below TOC
Water elevation: 162.4 ft (49.50m) msl

WELL BGO 52AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:03
Depth to water: 123.03 ft (37.50m) below TOC
Water elevation: 161.47 ft (49.22m) msl

WELL BGO 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:03
Depth to water: 58.34 ft (17.78m) below TOC
Water elevation: 226.06 ft (68.90m) msl

WELL BGO 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:04
Depth to water: 57.18 ft (17.43m) below TOC
Water elevation: 227.32 ft (69.29m) msl

WELL BGO 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:04
Depth to water: 53.75 ft (16.38m) below TOC
Water elevation: 231.05 ft (70.42m) msl

WELL BGO 53A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:05
Depth to water: 133.72 ft (40.76m) below TOC
Water elevation: 157.48 ft (48.00m) msl

WELL BGO 53AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:05
Depth to water: 134.51 ft (41.00m) below TOC
Water elevation: 156.89 ft (47.82m) msl

WELL BGO 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:05
Depth to water: 73.1 ft (22.28m) below TOC
Water elevation: 218 ft (66.45m) msl

WELL BGO 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:06
Depth to water: 71.5 ft (21.79m) below TOC
Water elevation: 219.4 ft (66.87m) msl

WELL BGO 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:06
Depth to water: 65.38 ft (19.93m) below TOC
Water elevation: 226.22 ft (68.95m) msl

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 134.55 ft (41.01m) below TOC
Water elevation: 156.65 ft (47.75m) msl

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 78.55 ft (23.94m) below TOC
Water elevation: 212.75 ft (64.85m) msl

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 64.68 ft (19.71m) below TOC
Water elevation: 226.62 ft (69.07m) msl

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 82.45 ft (25.13m) below TOC
Water elevation: 208.85 ft (63.66m) msl

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:09
Depth to water: 82.45 ft (25.13m) below TOC
Water elevation: 208.65 ft (63.60m) msl

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 80.12 ft (24.42m) below TOC
Water elevation: 211.08 ft (64.34m) msl

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 136.97 ft (41.75m) below TOC
Water elevation: 153.93 ft (46.92m) msl

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 80.45 ft (24.52m) below TOC
Water elevation: 210.35 ft (64.12m) msl

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 79.56 ft (24.25m) below TOC
Water elevation: 211.34 ft (64.42m) msl

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:10
Depth to water: 80.4 ft (24.51m) below TOC
Water elevation: 204.6 ft (62.36m) msl

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:10
Depth to water: 75.03 ft (22.87m) below TOC
Water elevation: 201.97 ft (61.56m) msl

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:11
Depth to water: 77.2 ft (23.53m) below TOC
Water elevation: 202 ft (61.57m) msl

WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:11
Depth to water: 75.97 ft (23.16m) below TOC
Water elevation: 202.23 ft (61.64m) msl

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:11
Depth to water: 55.14 ft (16.81m) below TOC
Water elevation: 224.26 ft (68.36m) msl

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:12
Depth to water: 53.8 ft (16.40m) below TOC
Water elevation: 223.1 ft (68.00m) msl

WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:13
Depth to water: 44.82 ft (13.66m) below TOC
Water elevation: 231.48 ft (70.56m) msl

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:13
Depth to water: 43.46 ft (13.25m) below TOC
Water elevation: 231.64 ft (70.60m) msl

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:13
Depth to water: 40.73 ft (12.41m) below TOC
Water elevation: 234.47 ft (71.47m) msl

WELL BSE 1C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:00
Depth to water: 112.38 ft (34.25m) below TOC
Water elevation: 179.72 ft (54.78m) msl

WELL BSE 1C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:00
Depth to water: 57 ft (17.37m) below TOC
Water elevation: 235.1 ft (71.66m) msl

WELL BSE 1C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:00
Depth to water: 57.62 ft (17.56m) below TOC
Water elevation: 234.48 ft (71.47m) msl

WELL BSE 1C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:15
Depth to water: 56.5 ft (17.22m) below TOC
Water elevation: 235.6 ft (71.81m) msl

WELL BSE 1D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:00
Depth to water: 49.48 ft (15.08m) below TOC
Water elevation: 237.02 ft (72.24m) msl

WELL BSE 1D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:00
Depth to water: 52.35 ft (15.96m) below TOC
Water elevation: 234.15 ft (71.37m) msl

WELL BSE 1D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:00
Depth to water: 67.8 ft (20.67m) below TOC
Water elevation: 218.7 ft (66.66m) msl

WELL BSE 1D4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:30
Depth to water: 52.1 ft (15.88m) below TOC
Water elevation: 234.4 ft (71.45m) msl

WELL BSE 2D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:34
Depth to water: 49.07 ft (14.96m) below TOC
Water elevation: 237.43 ft (72.37m) msl

WELL BSE 2D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:38
Depth to water: 48.99 ft (14.93m) below TOC
Water elevation: 237.51 ft (72.39m) msl

WELL BSE 2D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:45
Depth to water: 48.92 ft (14.91m) below TOC
Water elevation: 237.58 ft (72.42m) msl

WELL BSE 2D4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:49
Depth to water: 48.94 ft (14.92m) below TOC
Water elevation: 237.56 ft (72.41m) msl

WELL BSE 3C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:53
Depth to water: 63.25 ft (19.28m) below TOC
Water elevation: 223.85 ft (68.23m) msl

WELL BSE 3C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 8:58
Depth to water: 63.2 ft (19.26m) below TOC
Water elevation: 223.9 ft (68.25m) msl

WELL BSE 3C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:02
Depth to water: 63.19 ft (19.26m) below TOC
Water elevation: 223.91 ft (68.25m) msl

WELL BSE 3C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:08
Depth to water: 63.12 ft (19.24m) below TOC
Water elevation: 223.98 ft (68.27m) msl

WELL BSE 3D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:15
Depth to water: 61.74 ft (18.82m) below TOC
Water elevation: 225.36 ft (68.69m) msl

WELL BSE 3D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:22
Depth to water: 63.46 ft (19.34m) below TOC
Water elevation: 223.64 ft (68.17m) msl

WELL BSE 3D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:26
Depth to water: 60.15 ft (18.33m) below TOC
Water elevation: 226.95 ft (69.18m) msl

WELL BSE 3D4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 9:31
Depth to water: 58.9 ft (17.95m) below TOC
Water elevation: 228.2 ft (69.56m) msl

WELL BSW 1C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:37
Depth to water: 43.36 ft (13.22m) below TOC
Water elevation: 213.34 ft (65.03m) msl

WELL BSW 1C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:37
Depth to water: 43.31 ft (13.20m) below TOC
Water elevation: 213.39 ft (65.04m) msl

WELL BSW 1C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:37
Depth to water: 44.31 ft (13.51m) below TOC
Water elevation: 212.39 ft (64.74m) msl

WELL BSW 1C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:38
Depth to water: 44.6 ft (13.59m) below TOC
Water elevation: 212.1 ft (64.65m) msl

WELL BSW 1D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:38
Depth to water: 37.89 ft (11.55m) below TOC
Water elevation: 218.71 ft (66.66m) msl

WELL BSW 1D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:38
Depth to water: 37.87 ft (11.54m) below TOC
Water elevation: 218.73 ft (66.67m) msl

WELL BSW 1D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:38
Depth to water: 38.2 ft (11.64m) below TOC
Water elevation: 218.4 ft (66.57m) msl

WELL BSW 2C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:39
Depth to water: 27.32 ft (8.33m) below TOC
Water elevation: 214.08 ft (65.25m) msl

WELL BSW 2C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:39
Depth to water: 29.25 ft (8.92m) below TOC
Water elevation: 212.15 ft (64.66m) msl

WELL BSW 2C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:39
Depth to water: 29.27 ft (8.92m) below TOC
Water elevation: 212.13 ft (64.66m) msl

WELL BSW 2D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:39
Depth to water: 22.97 ft (7.00m) below TOC
Water elevation: 218.93 ft (66.73m) msl

WELL BSW 2D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:40
Depth to water: 22.63 ft (6.90m) below TOC
Water elevation: 219.27 ft (66.83m) msl

WELL BSW 2D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:40
Depth to water: 23.04 ft (7.02m) below TOC
Water elevation: 218.86 ft (66.71m) msl

WELL BSW 3C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:40
Depth to water: 43.12 ft (13.14m) below TOC
Water elevation: 217.28 ft (66.23m) msl

WELL BSW 3C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:41
Depth to water: 45.39 ft (13.84m) below TOC
Water elevation: 215.01 ft (65.54m) msl

WELL BSW 3C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:41
Depth to water: 45.66 ft (13.92m) below TOC
Water elevation: 214.74 ft (65.45m) msl

WELL BSW 3C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:41
Depth to water: 45.97 ft (14.01m) below TOC
Water elevation: 214.33 ft (65.33m) msl

WELL BSW 3D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:41
Depth to water: 39.8 ft (12.13m) below TOC
Water elevation: 219.7 ft (66.97m) msl

WELL BSW 3D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:42
Depth to water: 40.11 ft (12.23m) below TOC
Water elevation: 219.39 ft (66.87m) msl

WELL BSW 4C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:43
Depth to water: 49.76 ft (15.17m) below TOC
Water elevation: 217.84 ft (66.40m) msl

WELL BSW 4C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:43
Depth to water: 51.07 ft (15.57m) below TOC
Water elevation: 216.43 ft (65.97m) msl

WELL BSW 4D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:43
Depth to water: 48.76 ft (14.86m) below TOC
Water elevation: 219.84 ft (67.01m) msl

WELL BSW 4D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:43
Depth to water: 48.88 ft (14.90m) below TOC
Water elevation: 219.62 ft (66.94m) msl

WELL BSW 4D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:44
Depth to water: 49.26 ft (15.01m) below TOC
Water elevation: 219.34 ft (66.86m) msl

WELL BSW 5C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:44
Depth to water: 45.39 ft (13.84m) below TOC
Water elevation: 211.91 ft (64.59m) msl

WELL BSW 5C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:44
Depth to water: 46.04 ft (14.03m) below TOC
Water elevation: 211.16 ft (64.36m) msl

WELL BSW 5C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:44
Depth to water: 46.05 ft (14.04m) below TOC
Water elevation: 210.95 ft (64.30m) msl

WELL BSW 5C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:45
Depth to water: 46.26 ft (14.10m) below TOC
Water elevation: 210.94 ft (64.30m) msl

WELL BSW 5D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:45
Depth to water: 42 ft (12.80m) below TOC
Water elevation: 215.2 ft (65.59m) msl

WELL BSW 5D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:45
Depth to water: 42.01 ft (12.80m) below TOC
Water elevation: 215.29 ft (65.62m) msl

WELL BSW 5D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:45
Depth to water: 42.14 ft (12.84m) below TOC
Water elevation: 215.26 ft (65.61m) msl

WELL BSW 6C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:17
Depth to water: 33.83 ft (10.31m) below TOC
Water elevation: 210.27 ft (64.09m) msl

WELL BSW 6C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:17
Depth to water: 34.83 ft (10.62m) below TOC
Water elevation: 209.27 ft (63.79m) msl

WELL BSW 6C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:18
Depth to water: 34.16 ft (10.41m) below TOC
Water elevation: 209.74 ft (63.93m) msl

WELL BSW 6C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:18
Depth to water: 34.93 ft (10.65m) below TOC
Water elevation: 209.17 ft (63.76m) msl

WELL BSW 6D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:19
Depth to water: Not available
Water elevation: Not available

WELL BSW 6D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:19
Depth to water: 32.37 ft (9.87m) below TOC
Water elevation: 212.23 ft (64.69m) msl

WELL BSW 6D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:20
Depth to water: 32.44 ft (9.89m) below TOC
Water elevation: 212.16 ft (64.67m) msl

WELL BSW 7C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:46
Depth to water: 38.13 ft (11.62m) below TOC
Water elevation: 211.17 ft (64.37m) msl

WELL BSW 7C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:46
Depth to water: 38.27 ft (11.66m) below TOC
Water elevation: 211.03 ft (64.32m) msl

WELL BSW 7C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:46
Depth to water: 38.61 ft (11.77m) below TOC
Water elevation: 210.69 ft (64.22m) msl

WELL BSW 7C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:47
Depth to water: 40.05 ft (12.21m) below TOC
Water elevation: 209.25 ft (63.78m) msl

WELL BSW 7D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:47
Depth to water: 36.79 ft (11.21m) below TOC
Water elevation: 213.81 ft (65.17m) msl

WELL BSW 7D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:47
Depth to water: 36.7 ft (11.19m) below TOC
Water elevation: 214 ft (65.23m) msl

WELL BSW 7D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:47
Depth to water: 37.22 ft (11.34m) below TOC
Water elevation: 213.48 ft (65.07m) msl

WELL BSW 8C1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:48
Depth to water: 19.74 ft (6.02m) below TOC
Water elevation: 214.26 ft (65.31m) msl

WELL BSW 8C2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:48
Depth to water: 19.92 ft (6.07m) below TOC
Water elevation: 214.08 ft (65.25m) msl

WELL BSW 8C3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:48
Depth to water: 20.19 ft (6.15m) below TOC
Water elevation: 213.81 ft (65.17m) msl

WELL BSW 8C4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:48
Depth to water: 20.81 ft (6.34m) below TOC
Water elevation: 213.29 ft (65.01m) msl

WELL BSW 8D1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:49
Depth to water: 17.23 ft (5.25m) below TOC
Water elevation: 216.27 ft (65.92m) msl

WELL BSW 8D2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:49
Depth to water: 17.72 ft (5.40m) below TOC
Water elevation: 215.78 ft (65.77m) msl

WELL BSW 8D3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:49
Depth to water: 17.72 ft (5.40m) below TOC
Water elevation: 215.68 ft (65.74m) msl

WELL FIW 1ID

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:33
Depth to water: 77.19 ft (23.53m) below TOC
Water elevation: 216.71 ft (66.05m) msl

WELL FIW 1MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:32
Depth to water: 82.1 ft (25.02m) below TOC
Water elevation: 211.6 ft (64.50m) msl

WELL FIW 2IC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:39
Depth to water: 79.3 ft (24.17m) below TOC
Water elevation: 211.2 ft (64.37m) msl

WELL FIW 2MA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:37
Depth to water: 142.35 ft (43.39m) below TOC
Water elevation: 150.35 ft (45.83m) msl

WELL FIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:33
Depth to water: 74.75 ft (22.78m) below TOC
Water elevation: 211.05 ft (64.33m) msl

WELL FIW 2MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:40
Depth to water: 74.7 ft (22.77m) below TOC
Water elevation: 216.1 ft (65.87m) msl

WELL FOB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:56
Depth to water: 64.5 ft (19.66m) below TOC
Water elevation: 194.3 ft (59.22m) msl

WELL FOB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:50
Depth to water: 145.7 ft (44.41m) below TOC
Water elevation: 152.2 ft (46.39m) msl

WELL FOB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:51
Depth to water: 89.75 ft (27.36m) below TOC
Water elevation: 208.65 ft (63.60m) msl

WELL FOB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:31
Depth to water: 83.85 ft (25.56m) below TOC
Water elevation: 211.15 ft (64.36m) msl

WELL FOB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:58
Depth to water: 50.6 ft (15.42m) below TOC
Water elevation: 213.1 ft (64.95m) msl

WELL FSB 0PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:24
Depth to water: 39.6 ft (12.07m) below TOC
Water elevation: 193.1 ft (58.86m) msl

WELL FSB 0PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:30
Depth to water: 52.96 ft (16.14m) below TOC
Water elevation: 201.74 ft (61.49m) msl

WELL FSB 25PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:23
Depth to water: 39.7 ft (12.10m) below TOC
Water elevation: 194.1 ft (59.16m) msl

WELL FSB 25PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:54
Depth to water: 53.1 ft (16.19m) below TOC
Water elevation: 201.5 ft (61.42m) msl

WELL FSB 50PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:23
Depth to water: 39.8 ft (12.13m) below TOC
Water elevation: 191.4 ft (58.34m) msl

WELL FSB 50PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:51
Depth to water: 55.7 ft (16.98m) below TOC
Water elevation: 202.3 ft (61.66m) msl

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:30
Depth to water: 77.7 ft (23.68m) below TOC
Water elevation: 216.5 ft (65.99m) msl

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:28
Depth to water: 139.82 ft (42.62m) below TOC
Water elevation: 154.08 ft (46.96m) msl

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:27
Depth to water: 143.53 ft (43.75m) below TOC
Water elevation: 150.27 ft (45.80m) msl

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:26
Depth to water: 82.15 ft (25.04m) below TOC
Water elevation: 211.45 ft (64.45m) msl

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:26
Depth to water: 62.15 ft (18.94m) below TOC
Water elevation: 211.15 ft (64.36m) msl

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:54
Depth to water: Not available
Water elevation: Not available

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:57
Depth to water: 117.8 ft (35.91m) below TOC
Water elevation: 154.8 ft (47.18m) msl

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:55
Depth to water: 119.7 ft (36.49m) below TOC
Water elevation: 153.1 ft (46.67m) msl

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:58
Depth to water: 71.2 ft (21.70m) below TOC
Water elevation: 202.3 ft (61.66m) msl

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:46
Depth to water: 26.82 ft (8.17m) below TOC
Water elevation: 190.98 ft (58.21m) msl

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:15
Depth to water: 61.5 ft (18.75m) below TOC
Water elevation: 156.6 ft (47.73m) msl

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:16
Depth to water: 61.4 ft (18.71m) below TOC
Water elevation: 156.8 ft (47.79m) msl

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:47
Depth to water: 25.25 ft (7.70m) below TOC
Water elevation: 193.15 ft (58.87m) msl

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:23
Depth to water: 135.2 ft (41.21m) below TOC
Water elevation: 152.6 ft (46.51m) msl

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:22
Depth to water: 138.25 ft (42.14m) below TOC
Water elevation: 149.25 ft (45.49m) msl

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:21
Depth to water: 80.7 ft (24.60m) below TOC
Water elevation: 206.8 ft (63.03m) msl

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:20
Depth to water: 76.28 ft (23.25m) below TOC
Water elevation: 211.02 ft (64.32m) msl

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:02
Depth to water: 71.65 ft (21.84m) below TOC
Water elevation: 211.35 ft (64.42m) msl

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:03
Depth to water: 66.95 ft (20.41m) below TOC
Water elevation: 215.45 ft (65.67m) msl

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:12
Depth to water: 70.5 ft (21.49m) below TOC
Water elevation: 210.8 ft (64.25m) msl

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:12
Depth to water: 66.4 ft (20.24m) below TOC
Water elevation: 214.8 ft (65.47m) msl

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:14
Depth to water: 69.35 ft (21.14m) below TOC
Water elevation: 209.05 ft (63.72m) msl

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:47
Depth to water: Not available
Water elevation: Not available

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:21
Depth to water: 69.9 ft (21.31m) below TOC
Water elevation: 209.4 ft (63.83m) msl

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:23
Depth to water: 66.9 ft (20.39m) below TOC
Water elevation: 212.3 ft (64.71m) msl

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:50
Depth to water: 68.7 ft (20.94m) below TOC
Water elevation: 207 ft (63.09m) msl

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:48
Depth to water: 66.03 ft (20.13m) below TOC
Water elevation: 209.87 ft (63.97m) msl

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:53
Depth to water: 70.95 ft (21.63m) below TOC
Water elevation: 205.25 ft (62.56m) msl

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:55
Depth to water: 68.25 ft (20.80m) below TOC
Water elevation: 207.85 ft (63.35m) msl

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:52
Depth to water: 77.95 ft (23.76m) below TOC
Water elevation: 203.15 ft (61.92m) msl

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:49
Depth to water: 74.31 ft (22.65m) below TOC
Water elevation: 206.19 ft (62.85m) msl

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:49
Depth to water: 82.55 ft (25.16m) below TOC
Water elevation: 201.45 ft (61.40m) msl

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:50
Depth to water: 71.85 ft (21.90m) below TOC
Water elevation: 212.25 ft (64.69m) msl

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:01
Depth to water: 129.5 ft (39.47m) below TOC
Water elevation: 151.7 ft (46.24m) msl

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:47
Depth to water: 135.55 ft (41.32m) below TOC
Water elevation: 150.55 ft (45.89m) msl

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:50
Depth to water: 81.61 ft (24.88m) below TOC
Water elevation: 204.49 ft (62.33m) msl

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:51
Depth to water: 78.15 ft (23.82m) below TOC
Water elevation: 207.85 ft (63.35m) msl

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:43
Depth to water: 134 ft (40.84m) below TOC
Water elevation: 150 ft (45.72m) msl

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:51
Depth to water: 78 ft (23.77m) below TOC
Water elevation: 206.5 ft (62.94m) msl

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:52
Depth to water: 74.45 ft (22.69m) below TOC
Water elevation: 210.05 ft (64.02m) msl

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:38
Depth to water: 138.4 ft (42.18m) below TOC
Water elevation: 149.2 ft (45.48m) msl

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:40
Depth to water: 79.27 ft (24.16m) below TOC
Water elevation: 208.43 ft (63.53m) msl

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:41
Depth to water: 74.4 ft (22.68m) below TOC
Water elevation: 213.2 ft (64.98m) msl

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:28
Depth to water: 135.85 ft (41.41m) below TOC
Water elevation: 150.15 ft (45.77m) msl

WELL FSB100PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:26
Depth to water: 38.38 ft (11.70m) below TOC
Water elevation: 191.62 ft (58.41m) msl

WELL FSB100PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:49
Depth to water: 51.45 ft (15.68m) below TOC
Water elevation: 201.45 ft (61.40m) msl

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:31
Depth to water: 134.8 ft (41.09m) below TOC
Water elevation: 150.4 ft (45.84m) msl

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:31
Depth to water: 7.7 ft (2.35m) below TOC
Water elevation: 193.4 ft (58.95m) msl

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:46
Depth to water: 47.8 ft (14.57m) below TOC
Water elevation: 194.6 ft (59.31m) msl

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:59
Depth to water: 24.47 ft (7.46m) below TOC
Water elevation: 194.63 ft (59.32m) msl

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:01
Depth to water: 22.65 ft (6.90m) below TOC
Water elevation: 196.55 ft (59.91m) msl

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:16
Depth to water: 82.9 ft (25.27m) below TOC
Water elevation: 202.9 ft (61.84m) msl

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:16
Depth to water: 78.1 ft (23.81m) below TOC
Water elevation: 207.5 ft (63.25m) msl

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:34
Depth to water: 37.6 ft (11.46m) below TOC
Water elevation: 197.5 ft (60.20m) msl

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:36
Depth to water: Not available
Water elevation: Not available

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:18
Depth to water: 62 ft (18.90m) below TOC
Water elevation: 208.9 ft (63.67m) msl

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:52
Depth to water: 58.35 ft (17.79m) below TOC
Water elevation: 212.65 ft (64.82m) msl

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:50
Depth to water: 81.9 ft (24.96m) below TOC
Water elevation: 216.1 ft (65.87m) msl

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:35
Depth to water: 78.7 ft (23.99m) below TOC
Water elevation: 214.4 ft (65.35m) msl

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:18
Depth to water: 38.7 ft (11.80m) below TOC
Water elevation: 195.8 ft (59.68m) msl

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:53
Depth to water: 36 ft (10.97m) below TOC
Water elevation: 198.5 ft (60.50m) msl

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:06
Depth to water: 65.55 ft (19.98m) below TOC
Water elevation: 210.75 ft (64.24m) msl

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 14:08
Depth to water: 62.3 ft (18.99m) below TOC
Water elevation: 214.3 ft (65.32m) msl

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:09
Depth to water: 77.35 ft (23.58m) below TOC
Water elevation: 151.75 ft (46.25m) msl

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:10
Depth to water: 33.5 ft (10.21m) below TOC
Water elevation: 195.6 ft (59.62m) msl

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:11
Depth to water: 31.05 ft (9.46m) below TOC
Water elevation: 198.55 ft (60.52m) msl

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:43
Depth to water: 64.35 ft (19.61m) below TOC
Water elevation: 158.85 ft (48.42m) msl

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:43
Depth to water: 23.68 ft (7.22m) below TOC
Water elevation: 199.22 ft (60.72m) msl

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:45
Depth to water: 19.02 ft (5.80m) below TOC
Water elevation: 203.48 ft (62.02m) msl

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:57
Depth to water: 97.95 ft (29.86m) below TOC
Water elevation: 154.05 ft (46.96m) msl

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:59
Depth to water: 41.65 ft (12.70m) below TOC
Water elevation: 210.55 ft (64.18m) msl

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:59
Depth to water: 37.25 ft (11.35m) below TOC
Water elevation: 214.95 ft (65.52m) msl

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:08
Depth to water: 23.85 ft (7.27m) below TOC
Water elevation: 183.95 ft (56.07m) msl

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:08
Depth to water: 19.15 ft (5.84m) below TOC
Water elevation: 189.35 ft (57.71m) msl

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:13
Depth to water: 14.6 ft (4.45m) below TOC
Water elevation: 187.9 ft (57.27m) msl

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:12
Depth to water: 13.4 ft (4.08m) below TOC
Water elevation: 189.5 ft (57.76m) msl

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:28
Depth to water: 31.65 ft (9.65m) below TOC
Water elevation: 199.05 ft (60.67m) msl

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:47
Depth to water: 34.4 ft (10.49m) below TOC
Water elevation: 208.9 ft (63.67m) msl

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:53
Depth to water: Not available
Water elevation: Not available

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:33
Depth to water: 118.15 ft (36.01m) below TOC
Water elevation: 161.95 ft (49.36m) msl

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:35
Depth to water: 78.3 ft (23.87m) below TOC
Water elevation: 201.4 ft (61.39m) msl

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:36
Depth to water: 75.28 ft (22.95m) below TOC
Water elevation: 205.22 ft (62.55m) msl

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:25
Depth to water: 57.68 ft (17.58m) below TOC
Water elevation: 198.82 ft (60.60m) msl

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:27
Depth to water: 53.85 ft (16.41m) below TOC
Water elevation: 201.65 ft (61.46m) msl

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:04
Depth to water: 23.53 ft (7.17m) below TOC
Water elevation: 194.47 ft (59.28m) msl

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:05
Depth to water: 20.28 ft (6.18m) below TOC
Water elevation: 197.32 ft (60.14m) msl

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:51
Depth to water: 30.05 ft (9.16m) below TOC
Water elevation: 208.05 ft (63.41m) msl

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:53
Depth to water: 28.5 ft (8.69m) below TOC
Water elevation: 209.6 ft (63.89m) msl

WELL FSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 15:16
Depth to water: 43.1 ft (13.14m) below TOC
Water elevation: 193.7 ft (59.04m) msl

WELL FSB150PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:57
Depth to water: 57.28 ft (17.46m) below TOC
Water elevation: 202.12 ft (61.61m) msl

WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:16
Depth to water: 89.66 ft (27.33m) below TOC
Water elevation: 221.14 ft (67.40m) msl

WELL FSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:28
Depth to water: 83.95 ft (25.59m) below TOC
Water elevation: 221.85 ft (67.62m) msl

WELL FSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:35
Depth to water: 82.62 ft (25.18m) below TOC
Water elevation: 219.38 ft (66.87m) msl

WELL FSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:48
Depth to water: 80.55 ft (24.55m) below TOC
Water elevation: 213.55 ft (65.09m) msl

WELL FSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:51
Depth to water: 74.1 ft (22.59m) below TOC
Water elevation: 217.7 ft (66.36m) msl

WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:55
Depth to water: 69.08 ft (21.06m) below TOC
Water elevation: 217.12 ft (66.18m) msl

WELL FSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:20
Depth to water: 71.2 ft (21.70m) below TOC
Water elevation: 216.4 ft (65.96m) msl

WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:38
Depth to water: 73.72 ft (22.47m) below TOC
Water elevation: 217.08 ft (66.17m) msl

WELL FSL 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 13:54
Depth to water: 70.5 ft (21.49m) below TOC
Water elevation: 215.4 ft (65.65m) msl

WELL FSL 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:30
Depth to water: 56.8 ft (17.31m) below TOC
Water elevation: 210 ft (64.01m) msl

WELL FSL 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 9:38
Depth to water: 90.25 ft (27.51m) below TOC
Water elevation: 210.45 ft (64.15m) msl

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 10:09
Depth to water: 45.9 ft (13.99m) below TOC
Water elevation: 220.1 ft (67.09m) msl

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 10:12
Depth to water: 41.97 ft (12.79m) below TOC
Water elevation: 219.63 ft (66.94m) msl

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 10:15
Depth to water: 40.6 ft (12.38m) below TOC
Water elevation: 217.6 ft (66.33m) msl

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: 10:04
Depth to water: 75.55 ft (23.03m) below TOC
Water elevation: 216.25 ft (65.91m) msl

WELL HIW 1MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:14
Depth to water: 36.1 ft (11.00m) below TOC
Water elevation: 238.5 ft (72.70m) msl

WELL HIW 1PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:15
Depth to water: 39.03 ft (11.90m) below TOC
Water elevation: 237.37 ft (72.35m) msl

WELL HIW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:15
Depth to water: 111.62 ft (34.02m) below TOC
Water elevation: 166.38 ft (50.71m) msl

WELL HIW 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:16
Depth to water: 43.53 ft (13.27m) below TOC
Water elevation: 234.27 ft (71.41m) msl

WELL HIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:16
Depth to water: 40.1 ft (12.22m) below TOC
Water elevation: 230.8 ft (70.35m) msl

WELL HIW 3MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:17
Depth to water: 44.07 ft (13.43m) below TOC
Water elevation: 229.93 ft (70.08m) msl

WELL HIW 5MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:18
Depth to water: 39.6 ft (12.07m) below TOC
Water elevation: 228.6 ft (69.68m) msl

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:27
Depth to water: 59.67 ft (18.19m) below TOC
Water elevation: 204.83 ft (62.43m) msl

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:16
Depth to water: 64.22 ft (19.57m) below TOC
Water elevation: 196.88 ft (60.01m) msl

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:09
Depth to water: 62.87 ft (19.16m) below TOC
Water elevation: 196.63 ft (59.93m) msl

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:49
Depth to water: 53.89 ft (16.43m) below TOC
Water elevation: 197.01 ft (60.05m) msl

WELL HSB 0PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:30
Depth to water: 18.86 ft (5.75m) below TOC
Water elevation: 210.94 ft (64.30m) msl

WELL HSB 0PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:49
Depth to water: 19.81 ft (6.04m) below TOC
Water elevation: 213.29 ft (65.01m) msl

WELL HSB 25PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:31
Depth to water: 18.61 ft (5.67m) below TOC
Water elevation: 210.89 ft (64.28m) msl

WELL HSB 25PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:48
Depth to water: 19.23 ft (5.86m) below TOC
Water elevation: 213.27 ft (65.01m) msl

WELL HSB 50PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:29
Depth to water: 20.76 ft (6.33m) below TOC
Water elevation: 210.94 ft (64.30m) msl

WELL HSB 50PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:52
Depth to water: 19.07 ft (5.81m) below TOC
Water elevation: 213.23 ft (64.99m) msl

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:18
Depth to water: 36.51 ft (11.13m) below TOC
Water elevation: 235.49 ft (71.78m) msl

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:18
Depth to water: 103.8 ft (31.64m) below TOC
Water elevation: 169.8 ft (51.76m) msl

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:19
Depth to water: 49.5 ft (15.09m) below TOC
Water elevation: 224.2 ft (68.34m) msl

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:19
Depth to water: 37.18 ft (11.33m) below TOC
Water elevation: 236.42 ft (72.06m) msl

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:19
Depth to water: 69.66 ft (21.23m) below TOC
Water elevation: 210.54 ft (64.17m) msl

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:04
Depth to water: 16.78 ft (5.11m) below TOC
Water elevation: 221.02 ft (67.37m) msl

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:00
Depth to water: 34.85 ft (10.62m) below TOC
Water elevation: 215.25 ft (65.61m) msl

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:03
Depth to water: 78.8 ft (24.02m) below TOC
Water elevation: 170.6 ft (52.00m) msl

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:02
Depth to water: 36.1 ft (11.00m) below TOC
Water elevation: 213.9 ft (65.20m) msl

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:03
Depth to water: 35.7 ft (10.88m) below TOC
Water elevation: 214.4 ft (65.35m) msl

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:54
Depth to water: 22.75 ft (6.93m) below TOC
Water elevation: 213.25 ft (65.00m) msl

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:53
Depth to water: 65.95 ft (20.10m) below TOC
Water elevation: 170.65 ft (52.01m) msl

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:20
Depth to water: 24.55 ft (7.48m) below TOC
Water elevation: 218.25 ft (66.52m) msl

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:20
Depth to water: 25 ft (7.62m) below TOC
Water elevation: 218.1 ft (66.48m) msl

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:13
Depth to water: Not available
Water elevation: Not available

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:17
Depth to water: 23.77 ft (7.25m) below TOC
Water elevation: 217.83 ft (66.40m) msl

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:32
Depth to water: 65.61 ft (20.00m) below TOC
Water elevation: 171.69 ft (52.33m) msl

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:33
Depth to water: 15.99 ft (4.87m) below TOC
Water elevation: 221.01 ft (67.36m) msl

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:34
Depth to water: 14.09 ft (4.29m) below TOC
Water elevation: 223.01 ft (67.97m) msl

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:35
Depth to water: 14.01 ft (4.27m) below TOC
Water elevation: 222.99 ft (67.97m) msl

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:45
Depth to water: 58.3 ft (17.77m) below TOC
Water elevation: 170.4 ft (51.94m) msl

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:47
Depth to water: 21 ft (6.40m) below TOC
Water elevation: 207.9 ft (63.37m) msl

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:47
Depth to water: 19.1 ft (5.82m) below TOC
Water elevation: 210 ft (64.01m) msl

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:47
Depth to water: 15.83 ft (4.83m) below TOC
Water elevation: 212.97 ft (64.91m) msl

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:30
Depth to water: 126.81 ft (38.65m) below TOC
Water elevation: 167.59 ft (51.08m) msl

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:30
Depth to water: 63.4 ft (19.32m) below TOC
Water elevation: 231.1 ft (70.44m) msl

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:32
Depth to water: 57.48 ft (17.52m) below TOC
Water elevation: 236.62 ft (72.12m) msl

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:20
Depth to water: 95.41 ft (29.08m) below TOC
Water elevation: 166.99 ft (50.90m) msl

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:22
Depth to water: 45.66 ft (13.92m) below TOC
Water elevation: 216.24 ft (65.91m) msl

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:25
Depth to water: 46.02 ft (14.03m) below TOC
Water elevation: 216.88 ft (66.11m) msl

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:20
Depth to water: 46.28 ft (14.11m) below TOC
Water elevation: 216.72 ft (66.06m) msl

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:27
Depth to water: 35.22 ft (10.74m) below TOC
Water elevation: 224.98 ft (68.57m) msl

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:27
Depth to water: 25.81 ft (7.87m) below TOC
Water elevation: 234.29 ft (71.41m) msl

WELL HSB100PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:32
Depth to water: 21.16 ft (6.45m) below TOC
Water elevation: 208.84 ft (63.66m) msl

WELL HSB100PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:50
Depth to water: 13.21 ft (4.03m) below TOC
Water elevation: 212.79 ft (64.86m) msl

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:21
Depth to water: 34.64 ft (10.56m) below TOC
Water elevation: 223.86 ft (68.23m) msl

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:22
Depth to water: 27.87 ft (8.49m) below TOC
Water elevation: 230.83 ft (70.36m) msl

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:11
Depth to water: 36.03 ft (10.98m) below TOC
Water elevation: 222.97 ft (67.96m) msl

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:11
Depth to water: 30.9 ft (9.42m) below TOC
Water elevation: 227.7 ft (69.40m) msl

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:06
Depth to water: 25.89 ft (7.89m) below TOC
Water elevation: 221.51 ft (67.52m) msl

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:04
Depth to water: 25.27 ft (7.70m) below TOC
Water elevation: 222.33 ft (67.77m) msl

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:00
Depth to water: 29.77 ft (9.07m) below TOC
Water elevation: 218.13 ft (66.49m) msl

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:02
Depth to water: 27.79 ft (8.47m) below TOC
Water elevation: 220.01 ft (67.06m) msl

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:02
Depth to water: 32.51 ft (9.91m) below TOC
Water elevation: 216.99 ft (66.14m) msl

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 5:58
Depth to water: 29.37 ft (8.95m) below TOC
Water elevation: 220.13 ft (67.10m) msl

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:23
Depth to water: 33.65 ft (10.26m) below TOC
Water elevation: 219.25 ft (66.83m) msl

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:23
Depth to water: 31.61 ft (9.63m) below TOC
Water elevation: 221.29 ft (67.45m) msl

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:24
Depth to water: 45.15 ft (13.76m) below TOC
Water elevation: 216.45 ft (65.97m) msl

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:25
Depth to water: 42.41 ft (12.93m) below TOC
Water elevation: 219.89 ft (67.02m) msl

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:30
Depth to water: 51.1 ft (15.58m) below TOC
Water elevation: 215.1 ft (65.56m) msl

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:30
Depth to water: 48.1 ft (14.66m) below TOC
Water elevation: 218.2 ft (66.51m) msl

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:31
Depth to water: 46.15 ft (14.07m) below TOC
Water elevation: 215.45 ft (65.67m) msl

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:33
Depth to water: 44.55 ft (13.58m) below TOC
Water elevation: 216.65 ft (66.04m) msl

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:33
Depth to water: 40.26 ft (12.27m) below TOC
Water elevation: 215.44 ft (65.67m) msl

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:36
Depth to water: 39.9 ft (12.16m) below TOC
Water elevation: 215.7 ft (65.75m) msl

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:39
Depth to water: Not available
Water elevation: Not available

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:41
Depth to water: 41.69 ft (12.71m) below TOC
Water elevation: 214.31 ft (65.32m) msl

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:41
Depth to water: 41.42 ft (12.62m) below TOC
Water elevation: 214.48 ft (65.37m) msl

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:49
Depth to water: 38.32 ft (11.68m) below TOC
Water elevation: 216.58 ft (66.01m) msl

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:48
Depth to water: 39.44 ft (12.02m) below TOC
Water elevation: 215.66 ft (65.73m) msl

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:45
Depth to water: 39.62 ft (12.08m) below TOC
Water elevation: 215.48 ft (65.68m) msl

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:36
Depth to water: 44.6 ft (13.59m) below TOC
Water elevation: 216.4 ft (65.96m) msl

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:40
Depth to water: 45.54 ft (13.88m) below TOC
Water elevation: 215.36 ft (65.64m) msl

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:30
Depth to water: 47.43 ft (14.46m) below TOC
Water elevation: 216.37 ft (65.95m) msl

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:31
Depth to water: 47.62 ft (14.51m) below TOC
Water elevation: 216.38 ft (65.95m) msl

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:15
Depth to water: 51.58 ft (15.72m) below TOC
Water elevation: 217.72 ft (66.36m) msl

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:15
Depth to water: 51.41 ft (15.67m) below TOC
Water elevation: 217.69 ft (66.35m) msl

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:02
Depth to water: 37.77 ft (11.51m) below TOC
Water elevation: 219.73 ft (66.97m) msl

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:00
Depth to water: 36.8 ft (11.22m) below TOC
Water elevation: 220 ft (67.06m) msl

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:18
Depth to water: 72.35 ft (22.05m) below TOC
Water elevation: 164.95 ft (50.28m) msl

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:20
Depth to water: 20.76 ft (6.33m) below TOC
Water elevation: 216.64 ft (66.03m) msl

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:21
Depth to water: 19.8 ft (6.04m) below TOC
Water elevation: 217.8 ft (66.39m) msl

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 10:09
Depth to water: 81.3 ft (24.78m) below TOC
Water elevation: 166 ft (50.60m) msl

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:57
Depth to water: 91.62 ft (27.93m) below TOC
Water elevation: 165.48 ft (50.44m) msl

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 9:53
Depth to water: 103.48 ft (31.54m) below TOC
Water elevation: 164.72 ft (50.21m) msl

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:50
Depth to water: 104.93 ft (31.98m) below TOC
Water elevation: 169.67 ft (51.72m) msl

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:46
Depth to water: 101.53 ft (30.95m) below TOC
Water elevation: 170.07 ft (51.84m) msl

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:44
Depth to water: 94.86 ft (28.91m) below TOC
Water elevation: 170.84 ft (52.07m) msl

WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:33
Depth to water: 96.58 ft (29.44m) below TOC
Water elevation: 170.22 ft (51.88m) msl

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:12
Depth to water: 10.44 ft (3.18m) below TOC
Water elevation: 221.46 ft (67.50m) msl

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:13
Depth to water: 13.44 ft (4.10m) below TOC
Water elevation: 218.26 ft (66.53m) msl

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:12
Depth to water: 8.91 ft (2.72m) below TOC
Water elevation: 203.69 ft (62.09m) msl

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:14
Depth to water: 8.07 ft (2.46m) below TOC
Water elevation: 204.63 ft (62.37m) msl

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:09
Depth to water: 17.7 ft (5.40m) below TOC
Water elevation: 208 ft (63.40m) msl

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:11
Depth to water: 16.67 ft (5.08m) below TOC
Water elevation: 209.43 ft (63.84m) msl

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:26
Depth to water: 11.11 ft (3.39m) below TOC
Water elevation: 203.99 ft (62.18m) msl

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:25
Depth to water: 7.91 ft (2.41m) below TOC
Water elevation: 206.79 ft (63.03m) msl

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:47
Depth to water: 18.97 ft (5.78m) below TOC
Water elevation: 199.33 ft (60.76m) msl

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:44
Depth to water: 19.23 ft (5.86m) below TOC
Water elevation: 199.37 ft (60.77m) msl

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:21
Depth to water: 8.29 ft (2.53m) below TOC
Water elevation: 203.41 ft (62.00m) msl

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:24
Depth to water: 7.29 ft (2.22m) below TOC
Water elevation: 204.81 ft (62.43m) msl

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:54
Depth to water: 20.71 ft (6.31m) below TOC
Water elevation: 219.79 ft (66.99m) msl

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:51
Depth to water: 21.11 ft (6.43m) below TOC
Water elevation: 219.59 ft (66.93m) msl

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:43
Depth to water: 65.98 ft (20.11m) below TOC
Water elevation: 189.62 ft (57.80m) msl

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:41
Depth to water: 40.15 ft (12.24m) below TOC
Water elevation: 215.15 ft (65.58m) msl

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:59
Depth to water: 19.63 ft (5.98m) below TOC
Water elevation: 218.77 ft (66.68m) msl

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:57
Depth to water: 20.65 ft (6.29m) below TOC
Water elevation: 217.45 ft (66.28m) msl

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:58
Depth to water: 26.62 ft (8.11m) below TOC
Water elevation: 205.38 ft (62.60m) msl

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:56
Depth to water: 19.61 ft (5.98m) below TOC
Water elevation: 212.69 ft (64.83m) msl

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:42
Depth to water: 17.08 ft (5.21m) below TOC
Water elevation: 210.82 ft (64.26m) msl

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:43
Depth to water: 14.61 ft (4.45m) below TOC
Water elevation: 213.39 ft (65.04m) msl

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:35
Depth to water: 22.7 ft (6.92m) below TOC
Water elevation: 213.3 ft (65.01m) msl

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:33
Depth to water: 21.52 ft (6.56m) below TOC
Water elevation: 215.08 ft (65.56m) msl

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 13:49
Depth to water: 32.85 ft (10.01m) below TOC
Water elevation: 219.55 ft (66.92m) msl

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:19
Depth to water: 61.7 ft (18.81m) below TOC
Water elevation: 172 ft (52.43m) msl

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:18
Depth to water: 21.8 ft (6.64m) below TOC
Water elevation: 212 ft (64.62m) msl

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:15
Depth to water: 18.3 ft (5.58m) below TOC
Water elevation: 215.5 ft (65.69m) msl

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:28
Depth to water: 62.33 ft (19.00m) below TOC
Water elevation: 173.57 ft (52.90m) msl

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:30
Depth to water: 30.52 ft (9.30m) below TOC
Water elevation: 205.08 ft (62.51m) msl

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:30
Depth to water: 24.16 ft (7.36m) below TOC
Water elevation: 212.04 ft (64.63m) msl

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:59
Depth to water: 80.69 ft (24.59m) below TOC
Water elevation: 173.91 ft (53.01m) msl

WELL HSB141CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:59
Depth to water: 28.91 ft (8.81m) below TOC
Water elevation: 225.39 ft (68.70m) msl

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:01
Depth to water: 22.51 ft (6.86m) below TOC
Water elevation: 232.29 ft (70.80m) msl

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:07
Depth to water: 5.75 ft (1.75m) below TOC
Water elevation: 198.25 ft (60.43m) msl

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:09
Depth to water: 6.39 ft (1.95m) below TOC
Water elevation: 197.81 ft (60.29m) msl

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:21
Depth to water: 15.08 ft (4.60m) below TOC
Water elevation: 207.12 ft (63.13m) msl

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:21
Depth to water: 20.6 ft (6.28m) below TOC
Water elevation: 202.3 ft (61.66m) msl

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:37
Depth to water: 66.62 ft (20.31m) below TOC
Water elevation: 168.98 ft (51.51m) msl

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:07
Depth to water: 24.46 ft (7.46m) below TOC
Water elevation: 211.24 ft (64.39m) msl

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:07
Depth to water: 22.37 ft (6.82m) below TOC
Water elevation: 213.83 ft (65.18m) msl

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:13
Depth to water: 66.62 ft (20.31m) below TOC
Water elevation: 184.98 ft (56.38m) msl

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:13
Depth to water: 43.76 ft (13.34m) below TOC
Water elevation: 208.54 ft (63.56m) msl

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 8:09
Depth to water: 34.79 ft (10.60m) below TOC
Water elevation: 218.31 ft (66.54m) msl

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 13:49
Depth to water: 41.34 ft (12.60m) below TOC
Water elevation: 225.96 ft (68.87m) msl

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

ample date: 12/20/00 Time: 6:36
Depth to water: 50.22 ft (15.31m) below TOC
Water elevation: 200.68 ft (61.17m) msl

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 6:37
Depth to water: 40.31 ft (12.29m) below TOC
Water elevation: 210.79 ft (64.25m) msl

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 15:13
Depth to water: 23.56 ft (7.18m) below TOC
Water elevation: 216.44 ft (65.97m) msl

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 7:29
Depth to water: 15.25 ft (4.65m) below TOC
Water elevation: 223.75 ft (68.20m) msl

WELL HSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:23
Depth to water: 19.52 ft (5.95m) below TOC
Water elevation: 212.18 ft (64.67m) msl

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:06
Depth to water: 6.83 ft (2.08m) below TOC
Water elevation: 206.77 ft (63.02m) msl

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:06
Depth to water: 7.51 ft (2.29m) below TOC
Water elevation: 206.09 ft (62.82m) msl

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 13:59
Depth to water: 16.08 ft (4.90m) below TOC
Water elevation: 198.02 ft (60.36m) msl

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: 14:00
Depth to water: 12.86 ft (3.92m) below TOC
Water elevation: 201.24 ft (61.34m) msl

WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: 11:30
Depth to water: 28.81 ft (8.78m) below TOC
Water elevation: 235.19 ft (71.69m) msl

WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:22
Depth to water: 24.9 ft (7.59m) below TOC
Water elevation: 240.6 ft (73.34m) msl

WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:22
Depth to water: 19.85 ft (6.05m) below TOC
Water elevation: 247.75 ft (75.52m) msl

WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:23
Depth to water: 13.75 ft (4.19m) below TOC
Water elevation: 259.45 ft (79.08m) msl

WELL HSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:24
Depth to water: 11.4 ft (3.47m) below TOC
Water elevation: 265.2 ft (80.83m) msl

WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:24
Depth to water: 23.77 ft (7.25m) below TOC
Water elevation: 256.23 ft (78.10m) msl

WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:24
Depth to water: 27.68 ft (8.44m) below TOC
Water elevation: 256.12 ft (78.07m) msl

WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:25
Depth to water: 31.45 ft (9.59m) below TOC
Water elevation: 257.25 ft (78.41m) msl

WELL HSL 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:25
Depth to water: 41.8 ft (12.74m) below TOC
Water elevation: 240.8 ft (73.40m) msl

WELL HSL 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:26
Depth to water: 46.58 ft (14.20m) below TOC
Water elevation: 239.32 ft (72.95m) msl

WELL HSL 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:26
Depth to water: 47.98 ft (14.62m) below TOC
Water elevation: 232.62 ft (70.90m) msl

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:46
Depth to water: 32.11 ft (9.79m) below TOC
Water elevation: 149.49 ft (45.57m) msl

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:46
Depth to water: 32.05 ft (9.77m) below TOC
Water elevation: 151.85 ft (46.28m) msl

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:46
Depth to water: 37.13 ft (11.32m) below TOC
Water elevation: 147.97 ft (45.10m) msl

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:47
Depth to water: 81.85 ft (24.95m) below TOC
Water elevation: 147.45 ft (44.94m) msl

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:27
Depth to water: 13.95 ft (4.25m) below TOC
Water elevation: 144.15 ft (43.94m) msl

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:27
Depth to water: 27.09 ft (8.26m) below TOC
Water elevation: 140.51 ft (42.83m) msl

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:28
Depth to water: 28.85 ft (8.79m) below TOC
Water elevation: 138.95 ft (42.35m) msl

WELL LFW 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:28
Depth to water: 29.2 ft (8.90m) below TOC
Water elevation: 138.9 ft (42.34m) msl

WELL LFW 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:28
Depth to water: 29.1 ft (8.87m) below TOC
Water elevation: 139.2 ft (42.43m) msl

WELL LFW 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:29
Depth to water: 13 ft (3.96m) below TOC
Water elevation: 139.2 ft (42.43m) msl

WELL LFW 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:29
Depth to water: 12.98 ft (3.96m) below TOC
Water elevation: 139.22 ft (42.43m) msl

WELL LFW 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:29
Depth to water: 9.07 ft (2.76m) below TOC
Water elevation: 136.93 ft (41.74m) msl

WELL LFW 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:30
Depth to water: 8.61 ft (2.62m) below TOC
Water elevation: 137.49 ft (41.91m) msl

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:00
Depth to water: 108.34 ft (33.02m) below TOC
Water elevation: 220.06 ft (67.08m) msl

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 14:50
Depth to water: 147.47 ft (44.95m) below TOC
Water elevation: 191.63 ft (58.41m) msl

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 14:56
Depth to water: 139.81 ft (42.61m) below TOC
Water elevation: 192.29 ft (58.61m) msl

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 14:46
Depth to water: 146.97 ft (44.80m) below TOC
Water elevation: 190.73 ft (58.14m) msl

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:13
Depth to water: 123.75 ft (37.72m) below TOC
Water elevation: 219.15 ft (66.80m) msl

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:26
Depth to water: 146.84 ft (44.76m) below TOC
Water elevation: 207.96 ft (63.39m) msl

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:27
Depth to water: 141.99 ft (43.28m) below TOC
Water elevation: 213.11 ft (64.96m) msl

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:27
Depth to water: 128.45 ft (39.15m) below TOC
Water elevation: 226.35 ft (68.99m) msl

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:52
Depth to water: 145.74 ft (44.42m) below TOC
Water elevation: 208.86 ft (63.66m) msl

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:52
Depth to water: 140.28 ft (42.76m) below TOC
Water elevation: 214.42 ft (65.36m) msl

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:54
Depth to water: 126.81 ft (38.65m) below TOC
Water elevation: 226.99 ft (69.19m) msl

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 12:14
Depth to water: Not available
Water elevation: 361 ft (110.03m) msl

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:08
Depth to water: 144.86 ft (44.15m) below TOC
Water elevation: 215.94 ft (65.82m) msl

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:02
Depth to water: 148.28 ft (45.20m) below TOC
Water elevation: 207.02 ft (63.10m) msl

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:02
Depth to water: 143.59 ft (43.77m) below TOC
Water elevation: 211.61 ft (64.50m) msl

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 8:03
Depth to water: 129.96 ft (39.61m) below TOC
Water elevation: 225.54 ft (68.75m) msl

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:59
Depth to water: 120.81 ft (36.82m) below TOC
Water elevation: 223.79 ft (68.21m) msl

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:00
Depth to water: 138.59 ft (42.24m) below TOC
Water elevation: 206.41 ft (62.91m) msl

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:00
Depth to water: 125.81 ft (38.35m) below TOC
Water elevation: 219.39 ft (66.87m) msl

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:07
Depth to water: 120.89 ft (36.85m) below TOC
Water elevation: 222.91 ft (67.94m) msl

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:07
Depth to water: 140.13 ft (42.71m) below TOC
Water elevation: 203.77 ft (62.11m) msl

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:08
Depth to water: 124.18 ft (37.85m) below TOC
Water elevation: 219.62 ft (66.94m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:22
Depth to water: 119.83 ft (36.52m) below TOC
Water elevation: 224.47 ft (68.42m) msl

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:22
Depth to water: 139.99 ft (42.67m) below TOC
Water elevation: 204.11 ft (62.21m) msl

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:23
Depth to water: 125.77 ft (38.34m) below TOC
Water elevation: 218.73 ft (66.67m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:02
Depth to water: Not available
Water elevation: 344.2 ft (104.91m) msl

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:03
Depth to water: 137.62 ft (41.95m) below TOC
Water elevation: 206.28 ft (62.87m) msl

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:03
Depth to water: Not available
Water elevation: 344 ft (104.85m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:45
Depth to water: 150.81 ft (45.97m) below TOC
Water elevation: 208.29 ft (63.49m) msl

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:45
Depth to water: 133.44 ft (40.67m) below TOC
Water elevation: 226.16 ft (68.93m) msl

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:24
Depth to water: 148.86 ft (45.37m) below TOC
Water elevation: 208.34 ft (63.50m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:25
Depth to water: 146.87 ft (44.77m) below TOC
Water elevation: 210.73 ft (64.23m) msl

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:25
Depth to water: 131.88 ft (40.20m) below TOC
Water elevation: 225.22 ft (68.65m) msl

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:22
Depth to water: 156.31 ft (47.64m) below TOC
Water elevation: 209.09 ft (63.73m) msl

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:22
Depth to water: 148.03 ft (45.12m) below TOC
Water elevation: 217.47 ft (66.29m) msl

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:23
Depth to water: 139.52 ft (42.53m) below TOC
Water elevation: 226.08 ft (68.91m) msl

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:06
Depth to water: 141.48 ft (43.12m) below TOC
Water elevation: 208.22 ft (63.47m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:15
Depth to water: 139.29 ft (42.46m) below TOC
Water elevation: 211.01 ft (64.32m) msl

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:15
Depth to water: 159.29 ft (48.55m) below TOC
Water elevation: 190.71 ft (58.13m) msl

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:32
Depth to water: 140.03 ft (42.68m) below TOC
Water elevation: 206.67 ft (62.99m) msl

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:31
Depth to water: 125.9 ft (38.37m) below TOC
Water elevation: 221 ft (67.36m) msl

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:32
Depth to water: 123.22 ft (37.56m) below TOC
Water elevation: 224.38 ft (68.39m) msl

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:56
Depth to water: 151.46 ft (46.17m) below TOC
Water elevation: 216.24 ft (65.91m) msl

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:56
Depth to water: 159.36 ft (48.57m) below TOC
Water elevation: 209.84 ft (63.96m) msl

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:57
Depth to water: 141.52 ft (43.14m) below TOC
Water elevation: 226.98 ft (69.18m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:41
Depth to water: 152.35 ft (46.44m) below TOC
Water elevation: 215.15 ft (65.58m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:42
Depth to water: 140.82 ft (42.92m) below TOC
Water elevation: 226.78 ft (69.12m) msl

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:22
Depth to water: 137.3 ft (41.85m) below TOC
Water elevation: 221.9 ft (67.64m) msl

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:23
Depth to water: 149.69 ft (45.63m) below TOC
Water elevation: 209.31 ft (63.80m) msl

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 4:54
Depth to water: 133.09 ft (40.57m) below TOC
Water elevation: 208.81 ft (63.65m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 4:55
Depth to water: 124.11 ft (37.83m) below TOC
Water elevation: 217.99 ft (66.44m) msl

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:51
Depth to water: 86.91 ft (26.49m) below TOC
Water elevation: 213.49 ft (65.07m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:53
Depth to water: 69.28 ft (21.12m) below TOC
Water elevation: 231.52 ft (70.57m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:22
Depth to water: 140.39 ft (42.79m) below TOC
Water elevation: 214.91 ft (65.51m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 12:14
Depth to water: Not available
Water elevation: 354.7 ft (108.11m) msl

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:41
Depth to water: 138.78 ft (42.30m) below TOC
Water elevation: 216.22 ft (65.90m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:41
Depth to water: 129.12 ft (39.36m) below TOC
Water elevation: 225.68 ft (68.79m) msl

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 10:42
Depth to water: 163.54 ft (49.85m) below TOC
Water elevation: 191.06 ft (58.24m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 13:29
Depth to water: 147.08 ft (44.83m) below TOC
Water elevation: 233.12 ft (71.06m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 13:26
Depth to water: 161.27 ft (49.16m) below TOC
Water elevation: 220.33 ft (67.16m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:37
Depth to water: 129.8 ft (39.56m) below TOC
Water elevation: 237.1 ft (72.27m) msl

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:37
Depth to water: 155 ft (47.24m) below TOC
Water elevation: 211.4 ft (64.44m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:48
Depth to water: 134.22 ft (40.91m) below TOC
Water elevation: 227.48 ft (69.34m) msl

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:49
Depth to water: 148.71 ft (45.33m) below TOC
Water elevation: 214.09 ft (65.26m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 13:38
Depth to water: Not available
Water elevation: 375.5 ft (114.45m) msl

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 13:43
Depth to water: 155.85 ft (47.50m) below TOC
Water elevation: 220.95 ft (67.35m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 13:41
Depth to water: 179.11 ft (54.59m) below TOC
Water elevation: 197.49 ft (60.20m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:39
Depth to water: 128.19 ft (39.07m) below TOC
Water elevation: 226.61 ft (69.07m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:39
Depth to water: 155.55 ft (47.41m) below TOC
Water elevation: 199.45 ft (60.79m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:47
Depth to water: 147.58 ft (44.98m) below TOC
Water elevation: 217.62 ft (66.33m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:48
Depth to water: 142.03 ft (43.29m) below TOC
Water elevation: 222.97 ft (67.96m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:48
Depth to water: 134.98 ft (41.14m) below TOC
Water elevation: 230.02 ft (70.11m) msl

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:48
Depth to water: 132.68 ft (40.44m) below TOC
Water elevation: 232.22 ft (70.78m) msl

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:49
Depth to water: 155.94 ft (47.53m) below TOC
Water elevation: 209.06 ft (63.72m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:57
Depth to water: 159.62 ft (48.65m) below TOC
Water elevation: 195.38 ft (59.55m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:28
Depth to water: 133.2 ft (40.60m) below TOC
Water elevation: 219.8 ft (67.00m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 11:28
Depth to water: 132.66 ft (40.44m) below TOC
Water elevation: 221.34 ft (67.47m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:23
Depth to water: 152.9 ft (46.60m) below TOC
Water elevation: 195.2 ft (59.50m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:24
Depth to water: 136.49 ft (41.60m) below TOC
Water elevation: 211.81 ft (64.56m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:24
Depth to water: 118.51 ft (36.12m) below TOC
Water elevation: 229.59 ft (69.98m) msl

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:25
Depth to water: 136.6 ft (41.64m) below TOC
Water elevation: 212 ft (64.62m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 17:01
Depth to water: 33.42 ft (10.19m) below TOC
Water elevation: 221.68 ft (67.57m) msl

WELL MSB 32B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 17:01
Depth to water: 46.6 ft (14.20m) below TOC
Water elevation: 208.8 ft (63.64m) msl

WELL MSB 32C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:56
Depth to water: 41.76 ft (12.73m) below TOC
Water elevation: 213.94 ft (65.21m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:06
Depth to water: Not available
Water elevation: 255.9 ft (78.00m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:00
Depth to water: 52.3 ft (15.94m) below TOC
Water elevation: 203.1 ft (61.91m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:02
Depth to water: 49.24 ft (15.01m) below TOC
Water elevation: 205.76 ft (62.72m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:03
Depth to water: 46.15 ft (14.07m) below TOC
Water elevation: 209.15 ft (63.75m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:04
Depth to water: Not available
Water elevation: 255.5 ft (77.88m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:45
Depth to water: 169.8 ft (51.76m) below TOC
Water elevation: 214.2 ft (65.29m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:43
Depth to water: 160.7 ft (48.98m) below TOC
Water elevation: 223.3 ft (68.06m) msl

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:40
Depth to water: 159.4 ft (48.59m) below TOC
Water elevation: 224.5 ft (68.43m) msl

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:37
Depth to water: 184.7 ft (56.30m) below TOC
Water elevation: 198.7 ft (60.56m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:42
Depth to water: 137.21 ft (41.82m) below TOC
Water elevation: 213.69 ft (65.13m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:43
Depth to water: 135.33 ft (41.25m) below TOC
Water elevation: 216.27 ft (65.92m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:49
Depth to water: Not available
Water elevation: 351.9 ft (107.26m) msl

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 16:43
Depth to water: 153.2 ft (46.70m) below TOC
Water elevation: 197.1 ft (60.08m) msl

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 15:44
Depth to water: 132.82 ft (40.48m) below TOC
Water elevation: 207.78 ft (63.33m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 15:46
Depth to water: 129.29 ft (39.41m) below TOC
Water elevation: 211.51 ft (64.47m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 15:49
Depth to water: 129.27 ft (39.40m) below TOC
Water elevation: 211.63 ft (64.51m) msl

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 15:50
Depth to water: 110.7 ft (33.74m) below TOC
Water elevation: 230.9 ft (70.38m) msl

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 15:52
Depth to water: 148.03 ft (45.12m) below TOC
Water elevation: 192.57 ft (58.70m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:15
Depth to water: 167.85 ft (51.16m) below TOC
Water elevation: 214.85 ft (65.49m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:21
Depth to water: 159.31 ft (48.56m) below TOC
Water elevation: 223.69 ft (68.18m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:24
Depth to water: Not available
Water elevation: 382.7 ft (116.65m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:28
Depth to water: 178.6 ft (54.44m) below TOC
Water elevation: 203.7 ft (62.09m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 14:06
Depth to water: 143.97 ft (43.88m) below TOC
Water elevation: 214.83 ft (65.48m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:10
Depth to water: 129.01 ft (39.32m) below TOC
Water elevation: 212.49 ft (64.77m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:10
Depth to water: 113.68 ft (34.65m) below TOC
Water elevation: 228.12 ft (69.53m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:23
Depth to water: 120.83 ft (36.83m) below TOC
Water elevation: 200.37 ft (61.07m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:23
Depth to water: 119.81 ft (36.52m) below TOC
Water elevation: 201.89 ft (61.54m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:24
Depth to water: 118.74 ft (36.19m) below TOC
Water elevation: 203.26 ft (61.95m) msl

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:24
Depth to water: 99.32 ft (30.27m) below TOC
Water elevation: 223.58 ft (68.15m) msl

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 13:22
Depth to water: 133.4 ft (40.66m) below TOC
Water elevation: 187.5 ft (57.15m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:21
Depth to water: 109.84 ft (33.48m) below TOC
Water elevation: 214.16 ft (65.28m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:19
Depth to water: 110.05 ft (33.54m) below TOC
Water elevation: 214.55 ft (65.40m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:17
Depth to water: 84.11 ft (25.64m) below TOC
Water elevation: 240.89 ft (73.42m) msl

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:23
Depth to water: 119.8 ft (36.52m) below TOC
Water elevation: 203.9 ft (62.15m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:03
Depth to water: 162.37 ft (49.49m) below TOC
Water elevation: 214.13 ft (65.27m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:05
Depth to water: 155.46 ft (47.38m) below TOC
Water elevation: 220.94 ft (67.34m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:07
Depth to water: Not available
Water elevation: Not available

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:07
Depth to water: Not available
Water elevation: 376.4 ft (114.73m) msl

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:09
Depth to water: 148.85 ft (45.37m) below TOC
Water elevation: 227.55 ft (69.36m) msl

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 10:00
Depth to water: 176.06 ft (53.66m) below TOC
Water elevation: 200.54 ft (61.13m) msl

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:50
Depth to water: 128.95 ft (39.30m) below TOC
Water elevation: 228.75 ft (69.72m) msl

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:50
Depth to water: 128.98 ft (39.31m) below TOC
Water elevation: 228.82 ft (69.75m) msl

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:50
Depth to water: 126.73 ft (38.63m) below TOC
Water elevation: 231.27 ft (70.49m) msl

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:51
Depth to water: 157.95 ft (48.14m) below TOC
Water elevation: 199.55 ft (60.82m) msl

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 14:20
Depth to water: 163.05 ft (49.70m) below TOC
Water elevation: 213.85 ft (65.18m) msl

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:50
Depth to water: 169.3 ft (51.60m) below TOC
Water elevation: 211.5 ft (64.47m) msl

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:55
Depth to water: 160.2 ft (48.83m) below TOC
Water elevation: 220.7 ft (67.27m) msl

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 11:53
Depth to water: Not available
Water elevation: 380.8 ft (116.07m) msl

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:59
Depth to water: 161.33 ft (49.17m) below TOC
Water elevation: 211.27 ft (64.40m) msl

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:55
Depth to water: 147.86 ft (45.07m) below TOC
Water elevation: 225.74 ft (68.81m) msl

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 10:00
Depth to water: 9.9 ft (3.02m) below TOC
Water elevation: 362.7 ft (110.55m) msl

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:31
Depth to water: Not available
Water elevation: Not available

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:30
Depth to water: 148.01 ft (45.11m) below TOC
Water elevation: 220.69 ft (67.27m) msl

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:32
Depth to water: 140.72 ft (42.89m) below TOC
Water elevation: 228.28 ft (69.58m) msl

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:34
Depth to water: 139.59 ft (42.55m) below TOC
Water elevation: 229.21 ft (69.86m) msl

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:28
Depth to water: 156.15 ft (47.60m) below TOC
Water elevation: 212.55 ft (64.79m) msl

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:56
Depth to water: Not available
Water elevation: 361.6 ft (110.22m) msl

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 15:51
Depth to water: 142.26 ft (43.36m) below TOC
Water elevation: 219.34 ft (66.86m) msl

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 11:54
Depth to water: 141.58 ft (43.15m) below TOC
Water elevation: 219.82 ft (67.00m) msl

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:03
Depth to water: 141.78 ft (43.22m) below TOC
Water elevation: 220.52 ft (67.22m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:06
Depth to water: 133.86 ft (40.80m) below TOC
Water elevation: 228.74 ft (69.72m) msl

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:00
Depth to water: 143.43 ft (43.72m) below TOC
Water elevation: 218.47 ft (66.59m) msl

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:05
Depth to water: 140.37 ft (42.79m) below TOC
Water elevation: 194.33 ft (59.23m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:06
Depth to water: 134.09 ft (40.87m) below TOC
Water elevation: 200.01 ft (60.96m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:07
Depth to water: 109.58 ft (33.40m) below TOC
Water elevation: 224.72 ft (68.50m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:20
Depth to water: 22.76 ft (6.94m) below TOC
Water elevation: 200.94 ft (61.25m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 10:29
Depth to water: 60.01 ft (18.29m) below TOC
Water elevation: 203.19 ft (61.93m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 10:31
Depth to water: 54.23 ft (16.53m) below TOC
Water elevation: 207.97 ft (63.39m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:58
Depth to water: 102.23 ft (31.16m) below TOC
Water elevation: 219.47 ft (66.90m) msl

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:00
Depth to water: 88.02 ft (26.83m) below TOC
Water elevation: 233.58 ft (71.20m) msl

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 13:20
Depth to water: 126.32 ft (38.50m) below TOC
Water elevation: 217.98 ft (66.44m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 13:28
Depth to water: 126.34 ft (38.51m) below TOC
Water elevation: 218.86 ft (66.71m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 13:26
Depth to water: 115.39 ft (35.17m) below TOC
Water elevation: 229.41 ft (69.93m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:37
Depth to water: 154.6 ft (47.12m) below TOC
Water elevation: 218.8 ft (66.69m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:38
Depth to water: 150.49 ft (45.87m) below TOC
Water elevation: 222.91 ft (67.94m) msl

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:38
Depth to water: 144.61 ft (44.08m) below TOC
Water elevation: 228.99 ft (69.80m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:39
Depth to water: 157 ft (47.85m) below TOC
Water elevation: 216.5 ft (65.99m) msl

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 9:10
Depth to water: 150.78 ft (45.96m) below TOC
Water elevation: 217.92 ft (66.42m) msl

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 9:17
Depth to water: 143.98 ft (43.89m) below TOC
Water elevation: 225.42 ft (68.71m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 9:05
Depth to water: 135.05 ft (41.16m) below TOC
Water elevation: 232.65 ft (70.91m) msl

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 9:13
Depth to water: 139.6 ft (42.55m) below TOC
Water elevation: 229.1 ft (69.83m) msl

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 9:15
Depth to water: 158.28 ft (48.24m) below TOC
Water elevation: 210.42 ft (64.14m) msl

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 8:50
Depth to water: 62.01 ft (18.90m) below TOC
Water elevation: 217.49 ft (66.29m) msl

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 9:35
Depth to water: 133.38 ft (40.65m) below TOC
Water elevation: 225.92 ft (68.86m) msl

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:50
Depth to water: 141.43 ft (43.11m) below TOC
Water elevation: 207.67 ft (63.30m) msl

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:50
Depth to water: 129.41 ft (39.44m) below TOC
Water elevation: 219.69 ft (66.96m) msl

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 7:51
Depth to water: 124.39 ft (37.91m) below TOC
Water elevation: 225.11 ft (68.61m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 10:48
Depth to water: 139.66 ft (42.57m) below TOC
Water elevation: 207.24 ft (63.17m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 10:49
Depth to water: 129.97 ft (39.62m) below TOC
Water elevation: 217.03 ft (66.15m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 10:49
Depth to water: 121.03 ft (36.89m) below TOC
Water elevation: 225.77 ft (68.82m) msl

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:43
Depth to water: 129.38 ft (39.44m) below TOC
Water elevation: 219.02 ft (66.76m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 6:43
Depth to water: 124.21 ft (37.86m) below TOC
Water elevation: 224.39 ft (68.39m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 9:30
Depth to water: 121.01 ft (36.88m) below TOC
Water elevation: 228.19 ft (69.55m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:05
Depth to water: 168.55 ft (51.37m) below TOC
Water elevation: 214.85 ft (65.49m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:02
Depth to water: 159.1 ft (48.49m) below TOC
Water elevation: 224.3 ft (68.37m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 16:05
Depth to water: Not available
Water elevation: 365 ft (111.25m) msl

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 16:06
Depth to water: 141.29 ft (43.07m) below TOC
Water elevation: 215.61 ft (65.72m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 16:06
Depth to water: 135.81 ft (41.40m) below TOC
Water elevation: 220.89 ft (67.33m) msl

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:40
Depth to water: 164.34 ft (50.09m) below TOC
Water elevation: 217.16 ft (66.19m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:40
Depth to water: 158.2 ft (48.22m) below TOC
Water elevation: 223.4 ft (68.09m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:41
Depth to water: 152.39 ft (46.45m) below TOC
Water elevation: 229.61 ft (69.99m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:41
Depth to water: 169.31 ft (51.61m) below TOC
Water elevation: 212.09 ft (64.65m) msl

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:09
Depth to water: 147.86 ft (45.07m) below TOC
Water elevation: 213.94 ft (65.21m) msl

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:09
Depth to water: 144.52 ft (44.05m) below TOC
Water elevation: 217.68 ft (66.35m) msl

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:46
Depth to water: 131.45 ft (40.07m) below TOC
Water elevation: 213.25 ft (65.00m) msl

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:53
Depth to water: 130.88 ft (39.89m) below TOC
Water elevation: 197.32 ft (60.14m) msl

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 15:48
Depth to water: 141.38 ft (43.09m) below TOC
Water elevation: 198.22 ft (60.42m) msl

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:32
Depth to water: 106.24 ft (32.38m) below TOC
Water elevation: 208.26 ft (63.48m) msl

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:32
Depth to water: 106.32 ft (32.41m) below TOC
Water elevation: 208.68 ft (63.61m) msl

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:33
Depth to water: 86.7 ft (26.43m) below TOC
Water elevation: 228.4 ft (69.62m) msl

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:23
Depth to water: 119.47 ft (36.41m) below TOC
Water elevation: 207.23 ft (63.16m) msl

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:24
Depth to water: 119.85 ft (36.53m) below TOC
Water elevation: 207.65 ft (63.29m) msl

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:38
Depth to water: 135.32 ft (41.25m) below TOC
Water elevation: 217.08 ft (66.17m) msl

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:59
Depth to water: 139.82 ft (42.62m) below TOC
Water elevation: 217.38 ft (66.26m) msl

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 13:01
Depth to water: 137.34 ft (41.86m) below TOC
Water elevation: 219.86 ft (67.01m) msl

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 13:03
Depth to water: 127.7 ft (38.92m) below TOC
Water elevation: 229.7 ft (70.01m) msl

WELL MSB 78DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: 5:31
Depth to water: 143.51 ft (43.74m) below TOC
Water elevation: 220.19 ft (67.11m) msl

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:32
Depth to water: 143.21 ft (43.65m) below TOC
Water elevation: 204.69 ft (62.39m) msl

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:33
Depth to water: 140.82 ft (42.92m) below TOC
Water elevation: 206.98 ft (63.09m) msl

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 12:47
Depth to water: 50.27 ft (15.32m) below TOC
Water elevation: 216.73 ft (66.06m) msl

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:42
Depth to water: 155.87 ft (47.51m) below TOC
Water elevation: 218.43 ft (66.58m) msl

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:43
Depth to water: 158.08 ft (48.18m) below TOC
Water elevation: 216.12 ft (65.87m) msl

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:43
Depth to water: 149.76 ft (45.65m) below TOC
Water elevation: 224.14 ft (68.32m) msl

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:43
Depth to water: 144.02 ft (43.90m) below TOC
Water elevation: 229.58 ft (69.98m) msl

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:44
Depth to water: 163.62 ft (49.87m) below TOC
Water elevation: 210.08 ft (64.03m) msl

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:46
Depth to water: 153.43 ft (46.77m) below TOC
Water elevation: 218.37 ft (66.56m) msl

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:46
Depth to water: 147.21 ft (44.87m) below TOC
Water elevation: 224.79 ft (68.52m) msl

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:47
Depth to water: 159.02 ft (48.47m) below TOC
Water elevation: 212.68 ft (64.83m) msl

WELL MSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:48
Depth to water: 177.02 ft (53.96m) below TOC
Water elevation: 184.48 ft (56.23m) msl

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:48
Depth to water: 135.78 ft (41.39m) below TOC
Water elevation: 226.12 ft (68.92m) msl

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:33
Depth to water: 163.16 ft (49.73m) below TOC
Water elevation: 217.14 ft (66.19m) msl

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:38
Depth to water: 160.56 ft (48.94m) below TOC
Water elevation: 220.34 ft (67.16m) msl

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:30
Depth to water: 151.91 ft (46.30m) below TOC
Water elevation: 228.89 ft (69.77m) msl

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:34
Depth to water: 163.49 ft (49.83m) below TOC
Water elevation: 216.91 ft (66.11m) msl

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 12:15
Depth to water: 135.95 ft (41.44m) below TOC
Water elevation: 221.05 ft (67.38m) msl

WELL MSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 15:26
Depth to water: 121.01 ft (36.88m) below TOC
Water elevation: 214.99 ft (65.53m) msl

WELL MSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 15:24
Depth to water: 100.3 ft (30.57m) below TOC
Water elevation: 236.3 ft (72.03m) msl

WELL MSB 88B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:40
Depth to water: 38.95 ft (11.87m) below TOC
Water elevation: 199.15 ft (60.70m) msl

WELL MSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 12:41
Depth to water: 35.39 ft (10.79m) below TOC
Water elevation: 201.81 ft (61.51m) msl

WELL MSB 89B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:41
Depth to water: 135.38 ft (41.26m) below TOC
Water elevation: 204.02 ft (62.19m) msl

WELL MSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/29/00 Time: 16:38
Depth to water: 113.98 ft (34.74m) below TOC
Water elevation: 225.82 ft (68.83m) msl

WELL MSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:45
Depth to water: 117.33 ft (35.76m) below TOC
Water elevation: 228.07 ft (69.52m) msl

WELL MSB 90TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/28/00 Time: 17:45
Depth to water: 140.63 ft (42.86m) below TOC
Water elevation: 204.37 ft (62.29m) msl

WELL MSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 11:33
Depth to water: 108.15 ft (32.96m) below TOC
Water elevation: 226.65 ft (69.08m) msl

WELL MSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/31/00 Time: 8:35
Depth to water: 113.68 ft (34.65m) below TOC
Water elevation: 226.12 ft (68.92m) msl

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:53
Depth to water: 106.99 ft (32.61m) below TOC
Water elevation: 208.21 ft (63.46m) msl

WELL SRW 1BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:54
Depth to water: 113.41 ft (34.57m) below TOC
Water elevation: 202.89 ft (61.84m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:50
Depth to water: 118.61 ft (36.15m) below TOC
Water elevation: 201.99 ft (61.57m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:48
Depth to water: 117.67 ft (35.87m) below TOC
Water elevation: 202.93 ft (61.85m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:38
Depth to water: 122.96 ft (37.48m) below TOC
Water elevation: 209.14 ft (63.75m) msl

WELL SRW 3BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:46
Depth to water: 128.29 ft (39.10m) below TOC
Water elevation: 204.01 ft (62.18m) msl

WELL SRW 4BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 18:07
Depth to water: 118 ft (35.97m) below TOC
Water elevation: 202.6 ft (61.75m) msl

WELL SRW 8BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:47
Depth to water: 89.95 ft (27.42m) below TOC
Water elevation: 199.55 ft (60.82m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:52
Depth to water: 59.74 ft (18.21m) below TOC
Water elevation: 193.66 ft (59.03m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:11
Depth to water: 59.18 ft (18.04m) below TOC
Water elevation: 194.12 ft (59.17m) msl

WELL SRW 10BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 18:00
Depth to water: 102.02 ft (31.10m) below TOC
Water elevation: 200.78 ft (61.20m) msl

WELL SRW 11BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 18:03
Depth to water: 95.48 ft (29.10m) below TOC
Water elevation: 201.02 ft (61.27m) msl

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:02
Depth to water: 47.01 ft (14.33m) below TOC
Water elevation: 189.29 ft (57.70m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:00
Depth to water: 46.8 ft (14.26m) below TOC
Water elevation: 189.5 ft (57.76m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:40
Depth to water: 100.69 ft (30.69m) below TOC
Water elevation: 197.01 ft (60.05m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:39
Depth to water: 98.97 ft (30.17m) below TOC
Water elevation: 198.73 ft (60.57m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:39
Depth to water: 92.26 ft (28.12m) below TOC
Water elevation: 205.44 ft (62.62m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:31
Depth to water: 128.18 ft (39.07m) below TOC
Water elevation: 198.82 ft (60.60m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 16:30
Depth to water: 126.13 ft (38.44m) below TOC
Water elevation: 200.77 ft (61.20m) msl

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 18:17
Depth to water: 114.33 ft (34.85m) below TOC
Water elevation: 204.77 ft (62.41m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 18:22
Depth to water: 114.29 ft (34.84m) below TOC
Water elevation: 204.81 ft (62.43m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 18:20
Depth to water: 110.89 ft (33.80m) below TOC
Water elevation: 208.21 ft (63.46m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:26
Depth to water: 137.34 ft (41.86m) below TOC
Water elevation: 209.46 ft (63.84m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:22
Depth to water: 136.71 ft (41.67m) below TOC
Water elevation: 210.09 ft (64.04m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/30/00 Time: 17:20
Depth to water: 136.03 ft (41.46m) below TOC
Water elevation: 210.57 ft (64.18m) msl

Go to Appendix B, Analytical Results Tables.

Appendix C. Sampling Blanks Results

This section presents the analytical results for sampling blanks analyzed during fourth quarter 2000.

NOTES

WELL QA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/03/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	440				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	1.94E-10±4.08E-10	U			9.28E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.21E-09±8.74E-10	U			1.79E-09	µCi/mL	GP	EPIA-001
0	Tritium	-3.78E-07±3.06E-07	U			5.68E-07	µCi/mL	GP	EPIA-002

WELL QA 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/03/00 Time: 12:03
Water temperature: 24°C
Air temperature: 29.9°C
pH: 5.7 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 2 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<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	Lead, 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	pH	5.85	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.08				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	-1.02E-10±2.50E-10	U			9.14E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.13E-10±6.63E-10	U			1.43E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.91E-07±3.40E-07	U			5.70E-07	µCi/mL	GP	EPIA-002

WELL QA 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/00 Time: 15:15
Water temperature: 24.8°C
Air temperature: 32.5°C
pH: 6.6 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 4 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 1 NTU
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	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Lead, 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	pH	5.93	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.04				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	2.66E-10±4.11E-10	U			8.79E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-3.08E-10±6.59E-10	U			1.70E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.14E-07±3.56E-07	U			6.15E-07	µCi/mL	GP	EPIA-002

WELL QA 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/04/00 Time: 12:15
Water temperature: 24.8°C
Air temperature: 38.5°C
pH: 6.6 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 4 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 1 NTU

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				0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Lead, 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	pH	5.75	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.27				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	5.15E-10±4.75E-10	U			7.31E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	8.33E-09±1.27E-09				1.45E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.71E-08±3.51E-07	U			6.17E-07	µCi/mL	GP	EPIA-002

WELL QA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/09/00 Time: 14:40
Water temperature: 23.7°C
Air temperature: 24.3°C
pH: 8.1 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 0 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU
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	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	0.510	J	I		1.00	µg/L	GE	EPA6020
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.78	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.33				1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.72E-10±4.40E-10	U			8.70E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.78E-09±7.75E-10	J	I		1.42E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2.96E-07±3.31E-07	U			6.02E-07	µCi/mL	GP	EPIA-002

WELL QA 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/10/00 Time: 15:13
Water temperature: 24°C
Air temperature: 23.9°C
pH: 7.3 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 4 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.62	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.54				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.500	R	L	C	0.500	µg/L	GE	EPA6020
0	Gross alpha	-6.70E-11±2.28E-10	U			8.08E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-4.62E-10±5.82E-10	U			1.57E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.11E-06±4.03E-07	U			7.74E-07	µCi/mL	GP	EPIA-002

WELL QA 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/11/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.77	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.28				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	JU	L	CI	0.500	µg/L	GE	EPA6020
0	Gross alpha	4.13E-10±7.17E-10	U			1.58E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-1.20E-10±1.21E-09	U			2.97E-09	µCi/mL	GP	EPIA-001
0	Tritium	3.96E-08±3.97E-07	U			6.90E-07	µCi/mL	GP	EPIA-002

WELL QA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	20.0	J	I		50.0	µg/L	GE	EPA353.1
0	pH	5.55	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.12				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.500	R	L	C	0.500	µg/L	GE	EPA6020
0	Gross alpha	4.77E-11±2.83E-10	U			7.89E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.05E-11±6.15E-10	U			1.48E-09	µCi/mL	GP	EPIA-001
0	Tritium	4.17E-08±3.53E-07	U			6.14E-07	µCi/mL	GP	EPIA-002

WELL QA 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/00 Time: 11:02
Water temperature: 24.4°C
Air temperature: 33.1°C
pH: 8.7 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 4 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
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	5.59	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.51				0.100	pH	GE	EPA9040B
0	Specific conductance	1.62				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.500	R	L	C	0.500	µg/L	GE	EPA6020
0	Gross alpha	-6.97E-11±2.81E-10	U			9.13E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-5.15E-10±6.18E-10	U			1.67E-09	µCi/mL	GP	EPIA-001
0	Tritium	1.64E-07±3.59E-07	U			6.14E-07	µCi/mL	GP	EPIA-002

WELL QA 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/16/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
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	5.63	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.21				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	JU	L	CI	0.500	µg/L	GE	EPA6020
0	Gross alpha	-1.91E-10±3.16E-10	U			1.37E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.83E-11±1.39E-09	U			3.34E-09	µCi/mL	GP	EPIA-001
0	Tritium	-7.59E-07±3.73E-07	U			7.05E-07	µCi/mL	GP	EPIA-002

WELL QA 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/16/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
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	5.62	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.21				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	JU	L	CI	0.500	µg/L	GE	EPA6020
0	Gross alpha		U			1.78E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	5.16E-10±1.49E-09	U			3.45E-09	µCi/mL	GP	EPIA-001
0	Tritium	-6.58E-07±3.73E-07	U			6.98E-07	µCi/mL	GP	EPIA-002

WELL QA 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/17/00 Time: 13:56
Water temperature: 23°C
Air temperature: 25.5°C
pH: 5.4 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 3 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Beryllium, total recoverable	0.200				0.200	µg/L	GE	EPA6020
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	5.23	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.40				1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	0.500	J	L	I	0.500	µg/L	GE	EPA6020
0	Gross alpha	1.95E-10±5.34E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-2.81E-10±7.12E-10	U			1.79E-09	µCi/mL	GP	EPIA-001
0	Tritium	2.94E-07±3.50E-07	U			5.89E-07	µCi/mL	GP	EPIA-002

WELL QA 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/00 Time: 10:21
Water temperature: 22.6°C
Air temperature: 23.8°C
pH: 6.6 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 0 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 1 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<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	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	<9.00	U	V		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	<170	U	V		340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	8,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.48E-09±5.02E-09	U			8.89E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-3.00E-11±3.30E-10	U			6.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-1.33E-09±8.40E-10	U			1.45E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	7.00E-10±5.00E-10	U	V		6.60E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	-4.87E-11±2.84E-10	U			6.34E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.07E-10±5.64E-10	U			1.04E-09	µCi/mL	GP	EPIA-009
0	Radium-228	2.00E-09±7.00E-10	U	V		9.80E-10	µCi/mL	TM	EPA904.0M
0	Strontium-90	-2.71E-10±4.06E-10	U			9.56E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.30E-10±7.00E-10	JU	L	C	1.22E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-2.70E-07±7.10E-07	U			1.28E-06	µCi/mL	TM	EPA906.0M

WELL QA 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/00 Time: 10:21
Water temperature: 22.6°C
Air temperature: 23.8°C
pH: 6.6 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 0 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 1 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	6.30	J	I	6	6,700	mg/L	WA	EPA310.1

WELL QA 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/18/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well QA 34D collected on 12/18/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<0.960	U	V		6,700	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.320	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	<2.00	U	V		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	53.0	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	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	125	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<133	U			133	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	8.99E-09±1.80E-08	U			3.05E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	2.50E-10±5.10E-10	U			8.30E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-6.80E-10±9.20E-10	U			1.51E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	9.10E-10±4.90E-10	U	V		1.90E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	2.96E-10±2.53E-10	U			3.80E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.75E-10±6.06E-10	U			1.03E-09	µCi/mL	GP	EPIA-009
0	Radium-228	4.31E-10±7.18E-10	U			1.22E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.41E-11±1.71E-10	U			3.93E-10	µCi/mL	GP	EPIA-004
0	Tritium	5.00E-08±7.00E-07	U			1.23E-06	µCi/mL	TM	EPA906.0M

WELL QA 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/28/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<6.70	U			6,700	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.720	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<0.980	JU		4	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<1.50	U	V		15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	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	<0.960	JU		4	5.00	µg/L	WA	EPA6010B
0	Sulfate	176	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	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-8.32E-09±6.24E-09	U			1.13E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	7.60E-10±4.80E-10	J	I	6	5.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	5.68E-09±1.24E-09			6	1.47E-09	µCi/mL	TM	EPA900.0M

Well QA 36D collected on 11/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Radium, total alpha-emitting	1.11E-09±6.70E-10	U	V		8.30E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	1.12E-09±6.19E-10	J	IK	I6	7.88E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.94E-10±4.90E-10	U			9.92E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.88E-10±2.08E-10	U			3.75E-10	µCi/mL	GP	EPIA-004
0	Tritium	-2.80E-07±7.30E-07	U			1.31E-06	µCi/mL	TM	EPA906.0M

WELL QA 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/16/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<6.70	U			6,700	mg/L	WA	EPA310.1
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	1.10	J	I	6	1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	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	256	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	<50,000	U			50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<281	U	V		1,000	µg/L	WA	EPA9060
0	Total organic halogens	<133	U			133	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	1.45E-08±1.82E-08	U			3.07E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	8.50E-10±4.20E-10	J	I	6	1.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	3.24E-09±6.40E-10			6	9.00E-11	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	2.27E-09±9.70E-10	U	V		1.10E-09	µCi/mL	TM	EPA903.0M
0	Radium-226	-1.30E-10±2.55E-10	U			6.12E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.29E-10±5.44E-10	U			1.05E-09	µCi/mL	GP	EPIA-009
0	Radium-228	1.06E-09±5.50E-10	U	V		8.40E-10	µCi/mL	TM	EPA904.0M
0	Strontium-90	-2.39E-10±2.69E-10	U			6.47E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	9.00E-10±1.06E-09	JU	L	C	1.77E-09	µCi/mL	TM	EMLSR02M
0	Tritium	3.40E-07±8.10E-07	U			1.38E-06	µCi/mL	TM	EPA906.0M

WELL QA 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/00 Time: 11:55
Water temperature: 22.9°C
Air temperature: 29.1°C
pH: 6.3 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	2.10	J	I	6	6,700	mg/L	WA	EPA310.1
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

Well QA 40D collected on 11/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	<8.00	U	V		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	<168	U	V		340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	10,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	10,000	J	I	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.14E-10±5.21E-09	U			9.02E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	2.00E-11±3.20E-10	U			6.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-4.00E-11±8.60E-10	U			1.37E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	1.59E-09±7.70E-10	U	V		9.60E-10	µCi/mL	TM	EPA903.0M
0	Radium, total alpha-emitting	2.01E-09±7.70E-10	J	I	6	8.30E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	1.42E-09±7.16E-10	J	I	6	8.72E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.31E-10±5.04E-10	U			9.33E-10	µCi/mL	GP	EPIA-009
0	Radium-228	8.20E-10±6.50E-10	U			1.05E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	1.67E-09±6.80E-10	U	V		9.90E-10	µCi/mL	TM	EPA904.0M
0	Strontium-90	2.51E-11±4.11E-10	U			9.17E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.14E-09±2.15E-09	JU	L	C	4.02E-09	µCi/mL	TM	EMLSR02M
0	Tritium	1.00E-07±7.60E-07	U			1.33E-06	µCi/mL	TM	EPA906.0M

WELL QA 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/06/00 Time: 10:53
Water temperature: 19.9°C
Air temperature: 20.4°C
pH: 6.7 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 3 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<6.70	U			6,700	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.490	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	<10.0	U	V		40.0	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	201	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	<34,000	U	V		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	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	5.27E-10±5.56E-09	U			9.60E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-8.00E-11±5.90E-10	U			1.05E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.90E-10±1.01E-09	U			1.59E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	5.00E-10±4.10E-10	U			5.60E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	7.60E-11±2.79E-10	U			5.36E-10	µCi/mL	GP	EPIA-008
0	Radium-228	2.13E-10±4.30E-10	JU	L	C	9.32E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.89E-11±4.02E-10	U			9.83E-10	µCi/mL	GP	EPIA-004
0	Tritium	-1.10E-07±7.50E-07	U			1.32E-06	µCi/mL	TM	EPA906.0M

WELL QA 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/00 Time: 15:07
Water temperature: 22.6°C
Air temperature: 17.8°C
pH: 5 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	2.05	J	I	6	6,700	mg/L	WA	EPA310.1
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	JU	Q		15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<0.300	U	V		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	226	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	<12,000	JU	QV		50,000	µg/L	WA	EPA160.1
0	Total dissolved solids	<11,000	JU	QV		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	107	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	5.14E-09±5.57E-09	U			9.32E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	1.00E-10±4.60E-10	U			8.10E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-4.00E-11±9.30E-10	U			1.50E-09	µCi/mL	TM	EPA900.0M
1	Radium, total alpha-emitting	4.08E-09±1.69E-09	J	I	6	1.52E-09	µCi/mL	TM	EPA903.0M
1	Radium, total alpha-emitting	2.60E-09±1.39E-09	J	I	6	1.52E-09	µCi/mL	TM	EPA903.0M
0	Radium-226	9.22E-10±5.06E-10	J	I	6	5.37E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.13E-10±5.80E-10	U			1.23E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	5.09E-10±4.77E-10	U			9.78E-10	µCi/mL	GP	EPIA-004
0	Tritium	4.40E-07±8.00E-07	U			1.36E-06	µCi/mL	TM	EPA906.0M

WELL QA 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/07/00 Time: 10:29
Water temperature: 24.3°C
Air temperature: 27.2°C
pH: 5.3 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 18 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13,400	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.740	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	JU	L	I	15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	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	225	J	I	6	340	µg/L	WA	EPA9056

Well QA 46D collected on 11/07/00 (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	Total dissolved solids	<31,000	JU	QV		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	144	J	IQ	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.15E-10±5.64E-09	U			9.75E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-3.30E-10±4.40E-10	U			9.00E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.20E-10±7.70E-10	U			1.20E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	1.99E-09±9.30E-10	U	V		1.15E-09	µCi/mL	TM	EPA903.0M
0	Radium-226	1.02E-09±4.74E-10	J	I	6	5.54E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-3.82E-10±4.05E-10	JU	L	C	9.93E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.30E-10±6.20E-10	U			1.09E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	5.82E-10±5.47E-10	U			1.14E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	-4.60E-10±6.30E-10	U			1.20E-09	µCi/mL	TM	EMLSR02M
0	Tritium	6.00E-08±7.80E-07	U			1.36E-06	µCi/mL	TM	EPA906.0M

WELL QA 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/00 Time: 13:26
Water temperature: 25.1°C
Air temperature: 25.7°C
pH: 5.3 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	25.0			6	13,400	mg/L	WA	EPA310.1
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	2.60			6	1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.20	J	I	6	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	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<1.40	U	V		2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	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	674			6	340	µg/L	WA	EPA9056
0	Tin, total recoverable	<70.0	U			70.0	µg/L	WA	EPA6010B
0	Total dissolved solids	52,000	J	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	156	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	JU	Q		120	µg/L	WA	EPA9020B
0	Total organic halogens	<120	JU	Q		120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	3.93E-09±5.02E-09	U			8.45E-09	µCi/mL	GP	EPIA-003
0	Radium-226	1.22E-09±5.17E-10	J	IK	I6	4.56E-10	µCi/mL	GP	EPIA-008
0	Radium-228	8.33E-10±6.17E-10	U			1.20E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	3.53E-10±3.24E-10	U			6.64E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	2.98E-10±3.07E-10	U			6.32E-10	µCi/mL	GP	EPIA-004

WELL QA 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well QA 48D collected on 11/10/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	1.60E-10±5.30E-10	U			8.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	2.30E-10±1.01E-09	U			1.59E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	1.93E-09±8.40E-10	U	V		8.30E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	1.50E-09±1.19E-09	U			1.91E-09	µCi/mL	TM	EPA904.0M
0	Radium-228	-4.60E-10±1.05E-09	U			1.95E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	-4.00E-11±8.20E-10	U			1.48E-09	µCi/mL	TM	EMLSR02M
0	Tritium	2.00E-07±7.90E-07	U			1.37E-06	µCi/mL	TM	EPA906.0M

WELL QA 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/07/00 Time: 10:07
Water temperature: 24.2°C
Air temperature: 25°C
pH: 7.9 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	6.06	J	I	6	13,400	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.190	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	1.50	J	I	6	7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	JU	L	I	15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	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	226	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	<15,000	JU	QV		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	105	J	IQ	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-9.26E-11±5.52E-09	U			9.56E-09	µCi/mL	GP	EPIA-003
0	Gross alpha	-3.00E-11±3.30E-10	U			6.40E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-1.01E-09±8.40E-10	U			1.43E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	2.00E-10±3.50E-10	U			6.80E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	-1.76E-10±2.44E-10	U			6.21E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.89E-10±6.37E-10	U			1.33E-09	µCi/mL	GP	EPIA-009
0	Radium-228	7.70E-10±5.20E-10	U			8.30E-10	µCi/mL	TM	EPA904.0M
0	Strontium-90	-1.35E-10±4.62E-10	U			1.16E-09	µCi/mL	GP	EPIA-004
0	Strontium-90	3.00E-11±7.20E-10	U			1.29E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-4.20E-07±7.30E-07	U			1.32E-06	µCi/mL	TM	EPA906.0M

WELL QA 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/00 Time: 10:40
Water temperature: 23.8°C
Air temperature: 24.4°C
pH: 5 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 22 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<13.4	U			13,400	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	0.420	J	I	6	1.80	µg/L	WA	EPA6010B

Well QA 52D collected on 11/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<0.410	U	V		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	218	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	50,000	J	Q	6	50,000	µg/L	WA	EPA160.1
0	Total organic carbon	369	J	I	6	1,000	µg/L	WA	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Carbon-14	-2.07E-09±5.07E-09	U			8.94E-09	µCi/mL	GP	EPIA-003
0	Radium-226	1.76E-10±2.56E-10	U			4.29E-10	µCi/mL	GP	EPIA-008
0	Radium-228	3.14E-10±5.44E-10	U			1.12E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-7.91E-11±3.42E-10	U			7.81E-10	µCi/mL	GP	EPIA-004

WELL QA 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/11/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	8.10E-10±6.80E-10	U			9.60E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.15E-09±1.09E-09	U			1.62E-09	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	8.30E-10±6.10E-10	U			9.00E-10	µCi/mL	TM	EPA903.0M
0	Radium-228	1.60E-10±1.21E-09	U			2.14E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	3.00E-11±6.80E-10	U			1.21E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-2.00E-08±7.10E-07	U			1.25E-06	µCi/mL	TM	EPA906.0M

WELL QA 53D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/05/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	3.73E-08±2.72E-08	U			4.47E-08	µCi/mL	GP	EPIA-003
0	Radium-226	3.12E-11±1.62E-10	U			3.36E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.18E-09±7.36E-10	U			1.43E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.26E-11±1.75E-10	U			3.01E-10	µCi/mL	GP	EPIA-004

WELL QA 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/05/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO3)	<6.70	U			6,700	mg/L	WA	EPA310.1
0	Antimony, total recoverable	<27.0	U			27.0	µg/L	WA	EPA6010B
0	Arsenic, total recoverable	<40.0	U			40.0	µg/L	WA	EPA6010B
0	Barium, total recoverable	<0.280	U	V		1.80	µg/L	WA	EPA6010B
0	Boron, total recoverable	<266	U			266	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lithium, total recoverable	<2.70	U			2.70	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	Nitrate-nitrite as nitrogen	3.00	J	I	6	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	147	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	<50,000	JU	Q		50,000	µg/L	WA	EPA160.1
0	Total organic carbon	<1,000	U			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	9.28E-09±2.60E-08	U			4.45E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	-3.00E-11±3.40E-10	U			3.80E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-7.00E-10±7.50E-10	U			7.60E-10	µCi/mL	TM	EPA900.0M
0	Radium, total alpha-emitting	4.62E-09±1.30E-09	U	V		9.90E-10	µCi/mL	TM	EPA903.0M
0	Radium, total alpha-emitting	3.11E-09±1.03E-09	U	V		9.40E-10	µCi/mL	TM	EPA903.0M
0	Radium-226	7.49E-10±2.87E-10	J	I	6	1.96E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.24E-10±4.83E-10	U			9.89E-10	µCi/mL	GP	EPIA-009
0	Radium-228	7.60E-10±6.60E-10	U			1.08E-09	µCi/mL	TM	EPA904.0M
0	Strontium-90	-3.23E-10±2.01E-10	U			3.65E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-3.44E-10±2.21E-10	U			4.00E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.23E-09±1.09E-09	U			2.07E-09	µCi/mL	TM	EMLSR02M
0	Tritium	1.30E-07±7.30E-07	U			1.27E-06	µCi/mL	TM	EPA906.0M

WELL QA 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Gross alpha	-5.04E-10±1.62E-09	U			8.55E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	-9.48E-11±1.47E-09	U			6.56E-09	µCi/mL	ML	EPIA-001
0	Tritium	-2.86E-08±3.25E-07	U			5.78E-07	µCi/mL	ML	EPIA-002

WELL QA 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Chromium, total recoverable	<6.13	JU		4	10.0	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Gross alpha	1.16E-09±1.99E-09	U			8.49E-09	µCi/mL	ML	EPIA-001
0	Nonvolatile beta	3.99E-09±2.02E-09	U			6.55E-09	µCi/mL	ML	EPIA-001
0	Tritium	2.69E-07±3.20E-07	U			5.36E-07	µCi/mL	ML	EPIA-002

WELL QA 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Actinium-228	8.31E-09±7.68E-09	U			1.46E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	-1.71E-09±5.38E-09	U			9.04E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.62E-09±2.78E-08	U			2.89E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	6.82E-09±9.67E-09	U			8.99E-09	µCi/mL	GP	EPIA-013
0	Cerium-144	2.66E-09±1.34E-08	U			2.31E-08	µCi/mL	GP	EPIA-013
0	Cesium-134	5.45E-10±2.32E-09	U			3.47E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.07E-10±1.92E-09	U			3.31E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-6.88E-10±1.83E-09	U			3.16E-09	µCi/mL	GP	EPIA-013
0	Europium-152	4.38E-10±5.88E-09	U			1.01E-08	µCi/mL	GP	EPIA-013
0	Europium-154	-4.83E-10±5.16E-09	U			9.20E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.18E-10±7.20E-09	U			1.24E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-1.82E-10±2.42E-10	U			4.97E-10	µCi/mL	GP	EPIA-001
0	Lead-212	1.88E-09±5.61E-09	U			6.89E-09	µCi/mL	GP	EPIA-013
0	Potassium-40	5.13E-08±4.07E-08	J	I		3.28E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-6.99E-10±2.63E-09	U			4.41E-09	µCi/mL	GP	EPIA-013
0	Radium-226	-5.93E-11±3.86E-10	U			8.38E-10	µCi/mL	GP	EPIA-008
0	Thallium-208	3.01E-09±4.24E-09	U			4.40E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	1.09E-10±1.07E-10	U			1.83E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	-1.63E-10±7.60E-11	U			2.45E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-2.82E-11±3.74E-11	U			1.31E-10	µCi/mL	GP	EPIA-012
0	Uranium-233/234	3.60E-11±5.89E-11	U			1.08E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-1.48E-11±1.72E-11	U			1.43E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.05E-11±4.10E-11	U			6.14E-11	µCi/mL	GP	EPIA-011

WELL QA 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/30/00 Time: 11:13
Water temperature: 22.3°C
Air temperature: 21.9°C
pH: 5.6 Total alkalinity (as CaCO3): 2 mg/L
Sp. conductance: 33 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU Field Qualifier(s): B

Well QA 62D collected on 10/30/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	2.30E-10±3.90E-10	U			6.30E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	8.50E-10±9.90E-10	U			1.48E-09	µCi/mL	TM	EPA900.0M
0	Strontium-90	2.00E-10±8.80E-10	U			1.56E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-5.20E-07±7.90E-07	U			1.43E-06	µCi/mL	TM	EPA906.0M

WELL QA 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/11/00 Time: 10:18
Water temperature: 19.5°C
Air temperature: 15.3°C
pH: 6.6 Total alkalinity (as CaCO3): 0 mg/L
Sp. conductance: 0 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-2.90E-10±4.70E-10	U			9.40E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-1.00E-11±9.60E-10	U			1.52E-09	µCi/mL	TM	EPA900.0M
0	Strontium-90	-3.40E-10±8.60E-10	U			1.58E-09	µCi/mL	TM	EMLSR02M
0	Tritium	-7.80E-07±9.10E-07	U			1.64E-06	µCi/mL	TM	EPA906.0M

WELL QA 72D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/05/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate-nitrite as nitrogen	<1,000	U			1,000	µg/L	EX	EPA300.0
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Actinium-228	7.17E-09±1.12E-08	U			1.32E-08	µCi/mL	GP	EPIA-013
0	Americium-241	0.00E+00±2.00E-09	U			9.24E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	-2.85E-10±4.72E-09	U			8.01E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.59E-08±1.50E-08	U			2.71E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.52E-09±5.71E-09	U			7.10E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	3.03E-10±1.97E-09	U			2.92E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	4.21E-09±4.96E-09	R		4	3.09E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.24E-10±2.11E-09	U			3.31E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			1.02E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	-6.26E-11±9.84E-11	U			3.42E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.57E-11±7.16E-11	U			1.07E-10	µCi/mL	GP	EPIA-011
0	Europium-152	2.54E-09±5.98E-09	U			9.02E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-4.05E-09±4.86E-09	U			7.96E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-3.72E-09±6.40E-09	U			1.09E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	-1.05E-10±2.91E-10	U			7.33E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-1.48E-10±2.70E-10	U			4.78E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.01E-09±6.42E-09	U			6.29E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	-9.28E-12±1.86E-11	U			2.04E-10	µCi/mL	GP	EPIA-032
0	Plutonium-238	-4.99E-11±1.79E-10	U			5.33E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	4.99E-11±1.15E-10	U			2.71E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	4.59E-08±2.17E-08	R		4	4.36E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-2.86E-10±2.25E-09	U			3.80E-09	µCi/mL	GP	EPIA-013
0	Radium-226	5.42E-10±2.92E-10	J	I	6	2.65E-10	µCi/mL	GP	EPIA-008
0	Radium-226	3.05E-10±2.40E-10	U			3.29E-10	µCi/mL	GP	EPIA-008
0	Radium-228	4.08E-10±4.87E-10	U			1.00E-09	µCi/mL	GP	EPIA-009
0	Radon-222	2.82E-08±3.25E-08	U			5.45E-08	µCi/mL	GP	EPIA-007
0	Strontium-90	-1.30E-10±2.17E-10	U			3.79E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	7.06E-10±8.68E-09	U			2.11E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	3.49E-09±2.02E-09	U			3.72E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-8.96E-11±1.51E-10	U			3.59E-10	µCi/mL	GP	EPIA-012

Well QA 72D collected on 12/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Thorium-230	-2.18E-11±6.51E-11	U			1.82E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	6.99E-12±3.17E-11	U			8.91E-11	µCi/mL	GP	EPIA-012
0	Uranium-233/234	1.08E-11±4.39E-11	U			1.29E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-2.50E-11±2.26E-11	U			1.69E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	2.08E-11±4.16E-11	U			6.23E-11	µCi/mL	GP	EPIA-011

WELL QA 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/02/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	38.6	J	I	6	200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cadmium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Iron, total recoverable	<46.5	U	V		200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<20.0	U			20.0	µg/L	EX	EPA6010B
0	Gross alpha	1.16E-09±1.99E-09	JU	L	C	8.50E-09	µCi/mL	ML	EPIA-001
0	Tritium	5.06E-08±3.98E-07	U			5.72E-07	µCi/mL	ML	EPIA-002

WELL QA 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/00 Time: 11:43
Water temperature: 22.8°C
Air temperature: 14.1°C
pH: 7.2 Total alkalinity (as CaCO3): 1 mg/L
Sp. conductance: 1 µS/cm Phenolphthalein alkalinity: 0 mg/L
Turbidity: 0 NTU

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-1.60E-10±4.50E-10	U			8.70E-10	µCi/mL	TM	EPA900.0M

WELL QA 76D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<32.3	U	V		200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nitrate-nitrite as nitrogen	<1,000	U			1,000	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<1,000	U			1,000	µg/L	EX	EPA300.0
0	Gross alpha	-3.70E-10±5.90E-10	U			1.11E-09	µCi/mL	TM	EPA900.0M

WELL QA 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon-14	7.32E-09±5.38E-09	U			8.85E-09	µCi/mL	GP	EPIA-003
0	Nonvolatile beta	1.70E-09±1.16E-09	J	I	6	1.69E-09	µCi/mL	TM	EPA900.0M
0	Tritium	2.70E-07±8.10E-07	U			1.38E-06	µCi/mL	TM	EPA906.0M

WELL QA 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/12/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

WELL TRP100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/10/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.59	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

WELL TRP101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/12/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.69	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

WELL TRP102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP102D collected on 11/03/00 (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 TRP103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/15/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B

Well TRP104D collected on 11/15/00 (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 TRP106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well TRP113D collected on 11/08/00 (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
0	Dichloromethane	<1.70	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 TRP114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/09/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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
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	<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

Well TRP114D collected on 10/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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 TRP115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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
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
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
0	Trichloroethylene	<1.00	JU	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 TRP117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/06/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP117D collected on 10/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/24/00 — Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available — Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available — Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B

WELL TRP119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/00 — Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available — Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available — Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B

WELL TRP120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/25/00 — Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available — Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available — Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B

WELL TRP122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/31/00 — Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available — Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available — Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B

WELL TRP135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/00 — Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available — Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available — Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<5.01	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

Well TRP135C collected on 11/03/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/19/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Chloroform	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	EX	EPA8021B
0	Trichloroethylene	<1.00	U			1.00	µg/L	EX	EPA8021B

WELL TRP175D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

Well TRP175D collected on 11/02/00 (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	<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	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 TRP176D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/03/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

Well TRP176D collected on 11/03/00 (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
0	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

WELL TRP177D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/06/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

Well TRP177D collected on 11/06/00 (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	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 TRP178D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

Well TRP178D collected on 11/10/00 (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	<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	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 TRP179D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

Well TRP179D collected on 11/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	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	Isobutyl alcohol	<500	U			500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	U			200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	U			200	µg/L	EX	EPA8260B
0	Propionitrile	<200	U			200	µg/L	EX	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

WELL TRP182D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

Well TRP182D collected on 11/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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 TRP183D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/10/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	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

Well TRP183D collected on 11/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<4.19	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 TRP185D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP185D collected on 11/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Dichloromethane	<4.71	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
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 TRP186D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	JU	L	O	20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	JU	L	O	20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroprene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dibromo-3-chloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dibromoethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromomethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	JU	L	O	20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<9.01	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	JU	L	O	100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B

Well TRP186D collected on 11/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Methyl ethyl ketone	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	JU	L	O	50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

WELL TRP187D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/28/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<6.21	U	V		10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	13.2	J	IK	Q8	20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.88	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

Well TRP187D collected on 11/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP188D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<8.21	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 TRP189D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/01/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	10.0	µg/L	WA	EPA8260B

Well TRP189D collected on 12/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<6.30	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 TRP190D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/04/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.68	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

Well TRP190D collected on 12/04/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP191D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/05/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<9.02	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	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

Well TRP191D collected on 12/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP192D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/07/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.34	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 TRP193D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/18/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<14.3	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP194D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane	6.70				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 TRP195D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane	8.24				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 TRP196D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/21/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<6.00	U	V		10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	20.0	R		4	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	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Dichlorodifluoromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.10	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP202D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<8.91	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP203C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/01/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<5.24	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP203C collected on 11/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP204D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/27/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP205D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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

Well TRP205D collected on 11/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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
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
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
0	Trichloroethylene	<1.00	JU	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 TRP206D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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
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
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
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B

Well TRP206D collected on 11/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL TRP207D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/21/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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
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
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
0	Trichloroethylene	<1.00	JU	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 TRP208D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/05/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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

Well TRP208D collected on 12/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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
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
0	Trichloroethylene	<1.00	JU	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 TRP209D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	3.78	J	IL	O8	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
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
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
0	Trichloroethylene	<1.00	JU	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 TRP219D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/16/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP220D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/20/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP220D collected on 11/20/00 (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 TRP227D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/30/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP228C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/03/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Acetonitrile (Methyl cyanide)	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrolein	<20.0	U			20.0	µg/L	WA	EPA8260B
0	Acrylonitrile	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Allyl chloride	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP228C collected on 10/03/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	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
2	Dichloromethane	8.31			8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Isobutyl alcohol	<100	U			100	µg/L	WA	EPA8260B
0	Methacrylonitrile	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Propionitrile	<50.0	U			50.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP228D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/12/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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

Well TRP228D collected on 12/12/00 (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	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	<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
0	Trichloroethylene	<1.00	JU	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 TRP229D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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
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	<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
0	Trichloroethylene	<1.00	JU	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 TRP230D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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
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	<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
0	Trichloroethylene	<1.00	JU	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 TRP231D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/15/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	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

Well TRP231D collected on 12/15/00 (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	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	<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
0	Trichloroethylene	<1.00	JU	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 TRP232C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<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
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP233D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/07/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<5.94	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	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 TRP233D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	LO	10.0	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	LO	10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R	L	O4	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R	L	O4	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

Well TRP233D collected on 11/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.7	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.03	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

WELL TRP234D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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

Well TRP234D collected on 11/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP234D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/14/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	LO	10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R	L	O4	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<14.1	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

WELL TRP235D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/08/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B

Well TRP235D collected on 11/08/00 (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	Dibromomethane	<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
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP235D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/29/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	IO	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	Dibromomethane	<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	IO	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
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B

WELL TRP236D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/09/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<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
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP236D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/17/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<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-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP236D collected on 11/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	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	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP238D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	2.00	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 TRP239D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP239D collected on 12/14/00 (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	1.70	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 TRP240D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	2.10	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 TRP246D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/13/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.19	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

WELL TRP247D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/18/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP247D collected on 12/18/00 (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	JU	L	I	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	JU	L	I	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP248C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/09/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP250B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	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

Well TRP250B collected on 10/26/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<6.76	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	3.38	J	I	8	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	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP250D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/08/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R	L	O4	10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	JU	L	O	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.13	JU	LV	O	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

WELL TRP251B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 10/26/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<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 TRP252D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

Well TRP252D collected on 12/06/00 (cont.)

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	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.70	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 TRP253D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/05/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.60	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 TRP262D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/06/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well TRP262D collected on 12/06/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<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
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP263D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/18/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<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	JU	L	I	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	JU	L	I	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

Well TRP263D collected on 12/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP266D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/11/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<4.49	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 TRP267D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/11/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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

Well TRP267D collected on 12/11/00 (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	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.2	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 TRP268D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/14/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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	<8.18	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 TRP269D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Well TRP269D collected on 12/19/00 (cont.)

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	R		4	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
2	Dichloromethane	8.91			8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP270D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/19/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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
2	Dichloromethane	5.33			8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP271D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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
2	Dichloromethane	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	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 TRP272D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/27/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	10.0	R		4	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
1	Dichloromethane	4.04	J	I	8	5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

Well TRP272D collected on 12/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP274D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 12/20/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<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	JU	L	I	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	JU	L	I	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP292C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 11/02/00 Time: Not available
Water temperature: Not available
Air temperature: Not available
pH: Not available Total alkalinity (as CaCO3): Not available
Sp. conductance: Not available Phenolphthalein alkalinity: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B

Well TRP292C collected on 11/02/00 (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	R		4	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	<11.8	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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