

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

The Savannah River Site's
Groundwater Monitoring Program

THIRD QUARTER 2000 (U)
(July through September 2000)

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808



This Quarter at a Glance . . .

Executive Summary—table of all analytes detected at or above Flag 2 criteria

Flagging Criteria—standards for flagging results

Sample Scheduling—description of the sampling schedule

Field Notes—comments from the field-data books

Analytical Data Review—discrepancies in each laboratory's analytical data; laboratory-specific methods and estimated quantitation limits

Quality Control Samples—discussion of the quality of the analytical data in terms of precision, accuracy, representativeness, comparability, and completeness

Site Index—table of the well series and their site locations; also discusses the history of the sites

Appendices:

A. Water-Level Data—tables listing field data obtained for hydrogeologic studies

B. Analytical Results—tables listing all verified and validated analytical results and field data for the quarter

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

Addendum

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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

Exploration Resources, 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 third 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 third 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 third quarter 2000 in 46 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 8 of those 46 monitoring well series.

Table 1, organized alphabetically by well series, lists those well series with analytical results above Flag 2 criteria during third quarter 2000. Results from all laboratory analyses that underwent the standard verification and validation process are used to generate this table. Specific conductance and pH data from field measurements also are included in this table.

Table 1. Analytes above Flag 2 Criteria

<i>Site</i>	<i>Well Series</i>	<i>Analytes above Flag 2 Criteria</i>
A-Area Metals Burning Pit	ABP	Aluminum, iron, lead, pH, specific conductance, tetrachloroethylene, trichloroethylene
A-Area Coal Pile Runoff Containment Basin	ACB	Aluminum, gross alpha, manganese
Metallurgical Laboratory Seepage Basin	AMB	Aluminum, iron, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene
Motor Shop Oil Basin	AOB	Iron, tetrachloroethylene, trichloroethylene
A-Area Burning/Rubble Pits	ARP	Aluminum, boron, dichloromethane, iron, manganese, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene, uranium
C-Area Burning/Rubble Pit	AS	1,2-dichloroethylene, trichloroethylene
Savannah River Laboratory (SRL) Seepage Basins	ASB	Aluminum, iron, tetrachloroethylene, total organic halogens, trichloroethylene
Mixed Waste Management Facility (Site 643-28E) and Low-Level Radioactive Waste Disposal Facility (643-7E)	BGO	Aluminum, 1,1-dichloroethane, 1,1-dichloroethylene, dichloromethane, gross alpha, iron, manganese, mercury, tetrachloroethylene, total organic halogens, trichloroethylene, tritium
Chemical, Metals, and Pesticides Pits	CMP	Carbon tetrachloride, dichloromethane, tetrachloroethylene, trichloroethylene
C-Area Burning/Rubble Pit	CRP	Aluminum, antimony , beryllium , cadmium , chloroethene, 1,2-dichloroethylene, iron, lead, manganese, tetrachloroethylene, thallium, trichloroethylene, tritium

<i>Site</i>	<i>Well Series</i>	<i>Analytes above Flag 2 Criteria</i>
D-Area Oil Seepage Basin	DOB	Chloroethene, iron, tetrachloroethylene, total organic carbon, trichloroethylene
F-Area Seepage Basins Remediation Extraction Well	FEX	Aluminum, cadmium, cobalt, curium-243/244, iodine-129, radium-226, radium-228, specific conductance, strontium-89/90, uranium-233/234, uranium-235, uranium-238
F-Area Seepage Basins Remediation Injection Tank	FIN	Aluminum, iodine-129, specific conductance, strontium-89/90, uranium-233/234, uranium-238
Old F-Area Seepage Basin	FNB	Aluminum, gross alpha, iodine-129, manganese, nitrate-nitrite as nitrogen, nonvolatile beta, radium-226, strontium-90, tritium
F-Area Retention Basin	FRB	Aluminum, chromium, iron, manganese
F-Area Seepage Basins	FSB	Aluminum, americium-241, beryllium, cadmium, cobalt, curium-243/244, curium-245/246, gross alpha, iodine-129, iron, lithium, manganese, mercury, nickel, nitrate-nitrite as nitrogen, nonvolatile beta, pH, radium-226, radium-228, selenium, specific conductance, strontium-90, thallium, total organic carbon, trichloroethylene, tritium, uranium-233/234, uranium-235, uranium-238
F-Area Inactive Process Sewer Line	FSL	Aluminum, cadmium, gross alpha, iron, lithium, manganese, nitrate-nitrite as nitrogen, nonvolatile beta, specific conductance, trichloroethylene, tritium
F-Area Tank Farm	FTF	Aluminum, nonvolatile beta, pH, specific conductance
H-Area Seepage Basins Remediation Extraction Well	HEX	Aluminum, 1,2-dichloroethane , iodine-129, mercury, radium-226, strontium-89/90
H-Area Seepage Basins Remediation Injection Tank	HIN	Iodine-129, radium-226
H-Area Seepage Basins	HSB	Aluminum, bis(2-ethylhexyl) phthalate, boron, cadmium, gross alpha, iodine-129, iron, lead, lithium, manganese, mercury, nickel-63, nitrate-nitrite as nitrogen, nonvolatile beta, pH, plutonium-238, radium-226, radium-228, specific conductance, strontium-90, tetrachloroethylene, tritium, uranium-233/234, uranium-238
H-Area Inactive Process Sewer Line	HSL	Aluminum, iron, nonvolatile beta, total organic carbon, tritium
H-Area Tank Farm	HTF	Aluminum, gross alpha
K-Area Disassembly Basin	KDB	Tritium
K-Area Tritium Sump Monitoring Well	KSM	Tritium
L-Area Acid/Caustic Basin	LAC	Aluminum, iron
L-Area Research Wells	LAW	Tetrachloroethylene, tritium
L-Area Disassembly Basin	LDB	Tritium

Executive Summary

<i>Site</i>	<i>Well Series</i>	<i>Analytes above Flag 2 Criteria</i>
Interim Sanitary Landfill	LFW	Aluminum, benzene, boron, chloroethene, 1,1-dichloroethane, dichloromethane, gross alpha, iron, mercury, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene, trichlorofluoromethane, tritium
L-Area Reactor Seepage Basin	LSB	Aluminum, iron, total organic halogens, tritium
Miscellaneous Chemical Basin	MCB	Aluminum, carbon tetrachloride, lead, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF)	MSB	Aluminum, 1,1-dichloroethylene, dichloromethane, iron, lead, manganese, nitrate as nitrogen, nitrate-nitrite as nitrogen, nonvolatile beta, pH, radium, total alpha-emitting, specific conductance, tetrachloroethylene, thallium, trichloroethylene
Production Wells	PW	Tetrachloroethylene, trichloroethylene
R-Area Acid/Caustic Basin	RAC	Aluminum, iron
A/M-Area Recovery Well Network	RWM	Carbon tetrachloride, 1,2-dichloroethylene , tetrachloroethylene, trichloroethylene
Silverton Road Waste Site	SRW	Aluminum, iron, trichloroethylene
M-Area Southern Sector	SSM	1,2-dichloroethylene, nitrate as nitrogen , pH, tetrachloroethylene, trichloroethylene
C-Area Burning/Rubble Pit	SVE	Trichloroethylene
TNX Burying Ground	TBG	Gross alpha, radium-226, radium-228, radon-222, trichloroethylene
TNX-Area Operable Unit	TCM	Gross alpha, trichloroethylene
TNX-Area Operable Unit	TIR	Trichloroethylene
TNX-Area Assessment Wells	TNX	Gross alpha, trichloroethylene
TNX-Area Recovery Wells	TRW	Trichloroethylene
New TNX Seepage Basin	XSB	Aluminum, boron, curium-243/244 , manganese, trichloroethylene
Z-Area Saltstone Facility Background Wells	ZBG	Total organic carbon, total organic halogens
Z-Area Low Point	ZDT	Aluminum, total organic carbon

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.

Executive Summary

NOTES

Introduction

This report summarizes the Groundwater Monitoring Program conducted by SRS during third 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 third quarter 2000, EMAX Laboratories, Inc. (EX), of Torrance, CA; General Engineering Laboratories (GE), of Charleston, SC; GE Mobile Laboratory (ML) at SRS; and Recra LabNet Philadelphia (WA), of Lionville, PA, were the primary off-site laboratories. Radionuclide analyses were conducted by Environmental

Physics, Inc. (GP), for GE, and Thermo NUtech (TM), a subcontractor for WA. Microseeps, Inc. (MS), of Pittsburgh, PA, performed several analyses for the D-Area Oil Seepage Basin sampling project; however, the MS results weren't available for publication in this report.

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

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

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

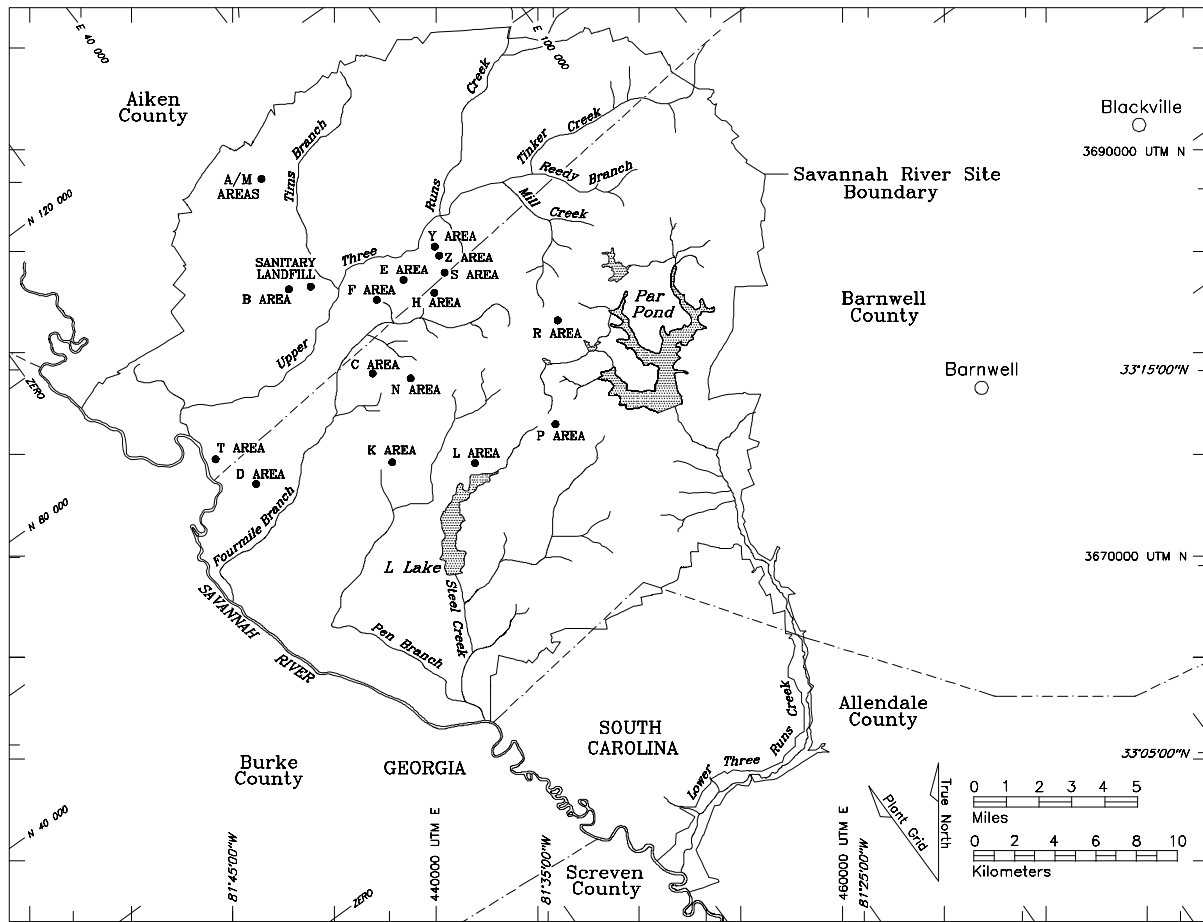


Figure 1. Areas and Locations Monitored for Groundwater Quality

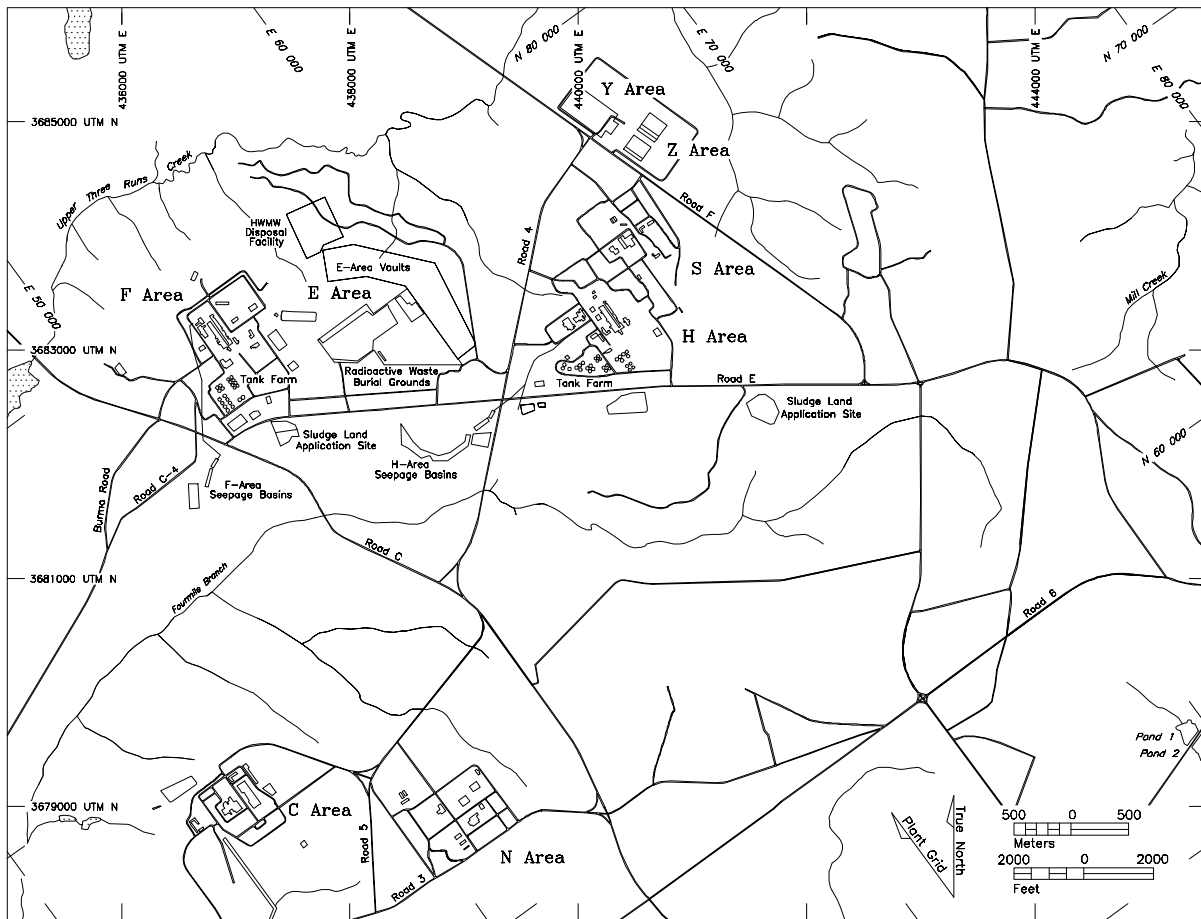


Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

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
Beryllium	µg/L	2.0	4.0	Final PDWS (EPA, 2000a)

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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
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

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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)
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)

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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
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)

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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
Kepon	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
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)

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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
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)

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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
Sulfotep	µg/L	81	162	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,4,5-T	µg/L	0.25	0.5	EPA Method 8150
2,3,7,8-TCDD	µg/L	0.007	0.014	Final PDWS (EPA, 2000a)
2,3,7,8-TCDF	µg/L	0.00425	0.0085	EPA Method 8280
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)

Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source†
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)
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)

Flagging Criteria

† 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 third quarter 2000 follows:

Laboratory	Number of Analyses
EM	608
EMAX Laboratories, Inc.	25,099
Environmental Physics	9,321
General Engineering Laboratories	24,042
General Engineering Mobile Laboratory	13,579
Recra LabNet Philadelphia	7,412
Thermo NUtech	1,369

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

Sample Scheduling

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 third 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 third quarter 2000:

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

CERCLA Projects

The following Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) projects were scheduled for sampling during third quarter 2000:

- C-Area Burning/Rubble Pit
- Chemicals, Metals, and Pesticides Pits
- D-Area Oil Seepage Basin
- F-Area Retention Basin
- Miscellaneous Chemical Basin
- Old F-Area Seepage Basin
- R-Area Acid/Caustic Basin
- Southern Sector
- TNX Area
- Z-Area Saltstone

MAINTENANCE, ACCESS, OR OTHER PROBLEMS

Well HTF 27 was not sampled due to safety issues.

Wells AS 9 (July and August); HTF 1, 2, 4, 5, 6, 7, 8, 10, 11, 24; KDB 1 (July and August), 2 (August); and SVE 19A (August), 21A (August) were inaccessible.

Wells MSB 23B, 23TA; and RWM 2 were removed from the sampling schedule because they were dismantled.

Wells FTF 3, 13; HTF 9, 25, 26, 28, 29, 34; RSC 5; RSD 1; and RSE 7 had water-level measurements only taken.

Wells AS 1 (July), 2 (July); SVE 1A (July), 2A (July and August), 9A (July), and 14A (August) could not be accessed due to mud.

Wells FSB119D and TNX 35D could not be sampled due to turbidity.

Well PW 68A was not sampled because it is no longer in service.

Well MSB 19A was abandoned.

Wells AMB 6, 14D; MSB 42D; SVE 9A (August); and TRW 4 were not sampled because there was no water to the surface.

Wells RWM 16, 16PA, and 16PB were not sampled because the system was not operating.

Well CMP 50D was not sampled due to a pump problem.

In July, SVE 21A was out of service.

DRY WELLS

The following wells were dry during third quarter 2000: ABP 9B; AS 2 (August), 3 (July and August), 8 (July); FSB 106D; FSL 4D; FTF 1, 2, 4, 6, 8, 9, 10, 11, 12, 14, 24A, 25A, 26, and 27; HSB109D, 113D; HTF 13, 14, 17; MSB 8A, 9C, 14C, 16C, 36D, 46C, 67D, 87C; RSA 9; RSC 4, 6, 8; RSD 3; RSE 1A; SVE 1A (August), 3A (August), 14A (July), 19A (July); and ZBG 1A.

NEW WELLS

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

CRP 18C, 18D, 19C, 19D, 20CL, 20CU, 21, 22CL, 22CU, 40A, 40B, 41A, 41B, 42A, 42B, 43A, 43B, 44A, 44B, 45A, 45B, 46A, 46B, 47A, 47B, 48A, 48B, 49A, 49B, 50A, 50B, 51A, 51B, 52A, 52B, 53; FNB 9, 10, 11, 12, 13, 14, 15; FSL 10C, 11C; HSL 9C, 10C, 11C; RWM 17B, 17D; and XSB 6.

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 third quarter 2000. Each sampler maintained a field notebook. These notebooks are in the third quarter 2000 section of the EPD/EMS Groundwater Monitoring Library. All well visitations were routine during third 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 third quarter 2000 were pumped. Bailed wells are listed in table 92 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.

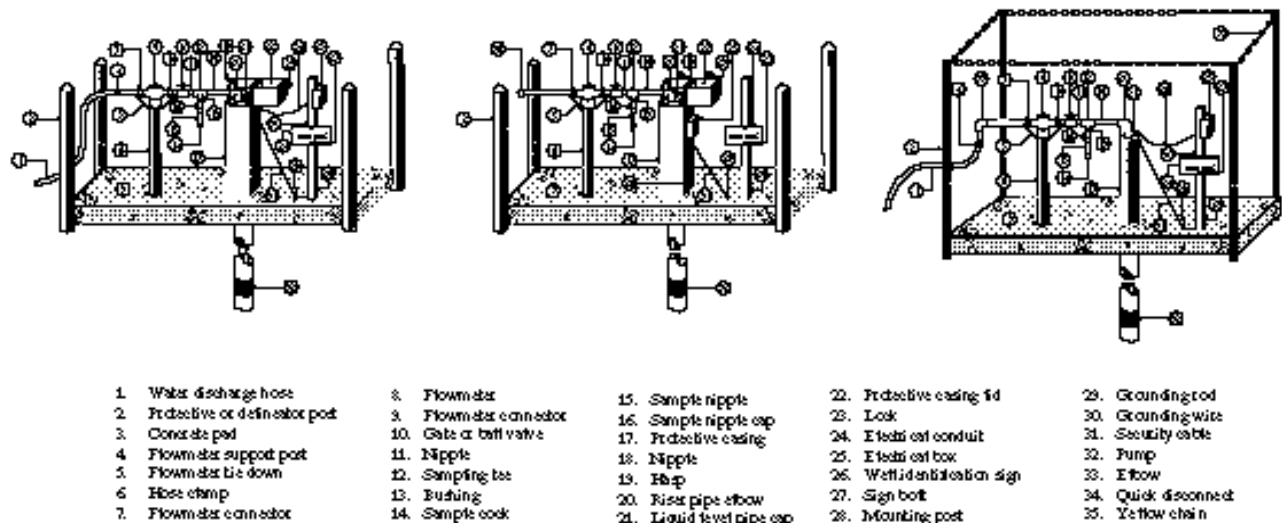


Figure 3. Three Types of Groundwater Monitoring Wellheads

Table 3. Comments from the Field Data

Well	Date	Comments
ABP Series		
ABP 8C	08/16/00	Dry after 3 gal
ABP 9B	09/07/00	Variable box overload
AMB Series		
AMB 4D	07/25/00	Pump runs; no water to surface
AMB 6	09/28/00	Not enough water to sample
AMB 14D	09/28/00	Not enough water to sample
AMB 15D	09/25/00	Dry after 3 gal; variable box overload
	09/26/00	Dry after 2 gal
	09/27/00	High turbidity
AOB Series		
AOB 1	09/19/00	Sample volume was insufficient to turn flowmeter; volume purged through sample port
AOB 2	09/19/00	No water in standpipe
ASB Series		
ASB 1A	09/26/00	Pump not working
ASB 6A	09/26/00	Purged through sample port; flowmeter broken
ASB 6TA	07/27/00	Dry after 81 gal
ASB 8	09/26/00	No water in standpipe
BGO Series		
BGO 20D	09/21/00	Dry after 14 gal
BGO 33D	09/11/00	Dry after 5 gal
BGO 34D	09/11/00	Dry after 12 gal
BGO 35D	09/11/00	Dry after 7 gal
	09/12/00	Dry after 6 gal
BGO 36D	09/11/00	Dry after 5 gal
	09/12/00	Dry after 5 gal
BGO 37D	09/11/00	Dry after 5 gal
BGO 38D	09/11/00	Dry after 7 gal
BGO 39D	09/12/00	Dry after 4 gal
BGO 49C	09/11/00	Pumped dry
BGO 49D	09/11/00	Dry after 7 gal
BGO 51D	09/13/00	Dry after 4 gal
BGO 52D	09/12/00	Purged through sample port
CMP Series		
CMP 50D	07/27/00	Pumped dry
CRP Series		
CRP 3C	09/27/00	Purged through sample port
CRP 3D	07/13/00	Dry after 2 gal
CRP 5D	08/10/00	Dry after 1 gal
CRP 11D	09/27/00	9 gal through sample port
CRP 17DU	08/08/00	Dry after 2 gal
	07/10/00	Pumped dry
CRP 18D	08/28/00	Dry after 1 gal
CRP 20CU	08/29/00	Dry after 9 gal
CRP 22CU	08/29/00	Purged through sample port

Well	Date	Comments
FEX Series		
FEX 1TK	07/01/00 09/18/00	Well is continuously pumping Well is continuously pumping
FIN Series		
FIN 2TK	07/01/00 08/08/00	Well is continuously pumping Well is continuously pumping
FNB Series		
FNB 3	09/05/00	Not working
FRB Series		
FRB 3	09/05/00	Sample collection could not be completed because of inaccessibility or mechanical failure
FSB Series		
FSB 76A	07/05/00	Volume purged at 18
FSB 78C	08/14/00	Dry after 16 gal
FSB 87D	08/24/00	No water in standpipe
FSB 90D	07/07/00	No water in standpipe
FSB 93C	07/05/00	Flowmeter not working properly
FSB 93D	07/17/00	Pumped dry
FSB 94C	07/12/00	Pumped dry; water purged through sample port
FSB 97D	07/10/00	Pumped dry
FSB 98C	07/25/00	Pumped dry
FSB 98D	07/25/00	Dry after 8 gal
FSB106D	07/18/00	Dry well
FSB108D	07/24/00	Flowmeter not operating properly
FSB112D	07/24/00	No water in standpipe
FSB113D	07/31/00	Purged through sample port
FSB116D	07/31/00	Purged through sample port
FSB118D	07/31/00	Purged through sample port
	08/16/00	Pumped dry
FSB119D	08/15/00	Dry after 4 gal
FSB120A	08/01/00	Dry after 22 gal
FSB120C	08/01/00	Pumped dry
FSB120D	08/01/00	Dry after 6 gal
FSB122C	08/01/00	Purged through sample port
FSB122D	08/01/00	Purged through sample port
FSB123C	08/01/00	Purged through sample port
FSL Series		
FSL 1D	08/28/00	Dry after 1 gal
FSL 2D	08/23/00	Pumped dry
FSL 3D	08/23/00	Pumped dry
FSL 4D	08/23/00	Dry well; no water in standpipe
FSL 7D	07/26/00	Volume purged 8 gal
FTF Series		
FTF 1	08/23/00	Dry well
FTF 2	08/23/00	Pumped dry
FTF 3	08/23/00	Pumped dry
FTF 4	08/23/00	Dry well
FTF 5	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
FTF 6	08/23/00	Dry well
FTF 7	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
FTF 8	08/23/00	Dry well

Field Notes

<i>Well</i>	<i>Date</i>	<i>Comments</i>
FTF 9	08/23/00	Dry well
FTF 10	08/23/00	Dry well
FTF 11	08/23/00	Dry well
FTF 12	08/23/00	Dry well
FTF 13	08/23/00	Pumped dry
FTF 14	08/23/00	Dry well
FTF 16	08/30/00	Dry well
FTF 24A	08/23/00	Dry well
FTF 25A	08/23/00	Dry well
FTF 26	08/23/00	Dry well
FTF 27	08/23/00	Dry well
HEX Series		
HEX500TK	07/01/00	Well is continuously pumping
HIN Series		
HIN600TK	07/01/00	Well is continuously pumping
	08/08/00	Well is continuously pumping
HSB Series		
HSB 68	07/20/00	No water in standpipe; dry after 1 gal
	07/21/00	Pumped dry
	08/08/00	No water in standpipe
HSB 68C	no date	Pumped dry
HSB 70C	08/21/00	Pumped dry
HSB 71C	08/20/00	Pumped dry
HSB 84C	07/29/00	Dry after 12 gal
HSB 85B	07/28/00	Dry after 43 gal
HSB 86D	07/24/00	No water in standpipe
HSB 87D	08/20/00	No water in standpipe
HSB101D	08/29/00	Dry after 14 gal
HSB102D	08/09/00	Dry after 13 gal
HSB105D	07/19/00	No water in standpipe
HSB109D	07/19/00	No water in standpipe; no water to surface; dry well
HSB110D	08/15/00	No water in standpipe
HSB112E	no date	Pumped dry; no water in standpipe
HSB113D	07/18/00	No water to surface; variable box read "no current"
HSB115D	07/18/00	No water in standpipe; dry after 1 gal
HSB116D	08/09/00	No water in standpipe; dry after 7 gal
	08/10/00	No water in standpipe
HSB120A	08/21/00	Flowmeter was spinning but the numbers were not moving
HSB123A	08/11/00	Pumped dry
HSB126D	08/16/00	Dry after 7 gal
HSB136C	08/29/00	Dry after 21 gal
HSB138D	08/19/00	Pumped dry
HSB139C	08/29/00	Dry after 29 gal
HSB139D	08/11/00	Pumped dry
HSB141D	08/08/00	Dry after 8 gal
HSB142C	08/10/00	Purged through sample port
HSB142D	08/10/00	Purged through sample port
HSB146D	08/09/00	Pumped dry
HSB147D	08/19/00	Pumped dry
HSB148C	08/19/00	Dry after 28 gal
HSB148D	08/19/00	Dry after 2 gal
HSB150D	09/07/00	Pumped dry
HSB152D	08/21/00	No water in standpipe; pumped dry
	09/11/00	Pumped dry

Field Notes

Well	Date	Comments
HSL Series		
HSL 8D	08/24/00	Pumped dry
	08/26/00	Pumped dry
	08/27/00	Pumped dry
HTF Series		
HTF 1	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 2	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 4	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 5	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 6	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 7	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 8	09/20/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 9	09/20/00	Pumped dry
HTF 13	09/20/00	Dry well
HTF 14	09/20/00	Dry well
HTF 17	09/14/00	Dry well
HTF 21	09/20/00	Muddy
HTF 22	09/14/00	Muddy; unable to sample well because of stabilization or sampling equipment failure; however, water-level measurements obtained
HTF 23	09/14/00	Muddy
HTF 25	09/14/00	Pumped dry
HTF 26	09/14/00	Pumped dry
HTF 27	09/14/00	Sample collection could not be completed because of inaccessibility or mechanical failure
HTF 28	09/14/00	Pumped dry
HTF 29	09/14/00	Pumped dry
HTF 34	09/14/00	Pumped dry
KDB Series		
KDB 1	08/25/00	Skid pan blocking access; sample collection could not be completed because of inaccessibility or mechanical failure
	09/21/00	19 gal through sample port
KDB 3	09/21/00	10 gal through sample port
KDB 4	08/25/00	No water in standpipe
	09/21/00	No water in standpipe; dry after 2 gal
KDB 5	08/25/00	Dry after 7 gal
	09/21/00	Dry after 6 gal
KSM Series		
KSM 1D	09/21/00	7.5 gal through sample port
LAC Series		
LAC 5DU	09/27/00	Pump produced a half gal of water, then went dry
	09/28/00	Sample collection could not be completed because of inaccessibility or mechanical failure
LAC 7DU	09/28/00	Dry after 12 gal

Field Notes

Well	Date	Comments
LAW Series		
LAW 1F	09/25/00	No water in standpipe; could not get depth of water; cap on standpipe will not turn
LCO Series		
LCO 8DU	09/26/00	Dry well; no water in standpipe
LDB Series		
LDB 1	08/28/00 09/21/00	22 gal pumped through sample port 40 gal purged through standpipe
LDB 2	08/28/00 09/21/00	23 gal through sample port Sample collection could not be completed due to inaccessibility or mechanical failure
LDB 4	08/28/00 09/21/00	No water in standpipe; dry after 3 gal No water in standpipe; dry after 1 gal
LFW Series		
LFW 41R	09/28/00	Purge through sample port; flowmeter broken
LFW 58D	09/22/00	Sample collection could not be completed due to inaccessibility or mechanical failure
LFW 78	09/29/00	Dry after 1 gal
LSB Series		
LSB 1	09/26/00	No water in standpipe
MCB Series		
MCB 7C	08/16/00	Flowmeter doesn't reflect gallons; had to pump really slow through sample port
MSB Series		
MSB 1D	08/08/00	Trips generator; sample collection could not be completed due to inaccessibility or pump failure
MSB 2B	08/08/00	Dry after 33 gal
MSB 3C	08/08/00	Dry after 11 gal
MSB 8A	08/09/00	Dry well; no water in standpipe
MSB 9C	08/09/00	No water in standpipe
MSB 10C	08/18/00	Dry well; no water in standpipe
	08/18/00	Sample collection could not be completed because of mechanical failure; flowmeter leaks from bottom
MSB 13D	08/24/00	Pumped dry
	08/18/00	Pumped dry
	09/27/00	Used sample port, water initially aerated
MSB 14C	09/08/00	Wired backwards
MSB 15D	08/21/00	Dry after 12 gal
MSB 16A	08/21/00	Kept kicking breaker on generator; never got any water to surface
MSB 16C	08/22/00	Well is not operable; waited with maintenance to fix it, they were not successful
	08/21/00	Couldn't get water to surface
	08/21/00	Well didn't produce any water to surface
MSB 17B	08/21/00	Well didn't produce any water to surface
MSB 20C	09/19/00	Sample collection could not be completed because of inaccessibility or mechanical failure
MSB 21C	09/20/00	Pumped dry
	08/24/00	Broken; sample collection could not be completed because of inaccessibility or mechanical failure
MSB 23B	08/22/00	Inside a roped-off area with plumbing removed
MSB 24	08/25/00	Dry after 3 gal
MSB 24C	08/24/00	Electrical problem; broken
MSB 27	08/24/00	No water in standpipe

Field Notes

Well	Date	Comments
MSB 29D	08/25/00	Mechanical failure
	09/09/00	Sample collection could not be completed because of inaccessibility or mechanical failure
	09/21/00	Sample collection could not be completed because of inaccessibility or mechanical failure
MSB 30AA	08/24/00	Dry after 71 gal
MSB 32	08/27/00	Flowmeter partially operated
MSB 36D	08/30/00	Dry well
MSB 39A	08/27/00	Volume of water wasn't sufficient to turn flowmeter.
MSB 39D	09/11/00	Sample collection could not be completed because of inaccessibility or mechanical failure
MSB 42D	09/20/00	Not enough water to bring to surface
	08/27/00	Pumped dry
MSB 46A	08/27/00	Dry after 42 gal
MSB 49D	09/11/00	Dry after 13 gal
MSB 54D	08/27/00	Not purged
MSB 55D	09/10/00	No water to surface; no pull power in generator
MSB 55HC	09/01/00	17 gal through sample port
MSB 62D	08/23/00	Purged part of the volume through the sample port; dry after 10 gal
MSB 66D	09/20/00	No pump in well
	09/28/00	High turbidity
MSB 67D	09/05/00	No water in standpipe
MSB 68B	09/05/00	Filled 69 bottles; changed bottles before bringing them back
MSB 72B	09/12/00	Sample collection could not be completed because of inaccessibility or mechanical failure
MSB 75C	09/12/00	Dry after 5 gal
MSB 78DR	09/27/00	Pumped dry
MSB 84A	09/10/00	Dry after 50 gal
MSB 85TA	09/09/00	Dry after 34 gal
MSB 87C	09/11/00	Dry well
MSB 89B	09/06/00	Pump not working
RSA Series		
RSA 9	08/31/00	Dry well
RSC Series		
RCS 4	08/31/00	Dry well
RSC 5	08/31/00	Pumped dry
RSC 6	08/31/00	Dry well
RSC 8	08/31/00	Dry well
RSD Series		
RSD 1	08/31/00	Pumped dry
RSD 3	08/31/00	Dry well
RSE Series		
RSE 1A	08/31/00	Dry well
RSE 7	08/31/00	Dry after 7 gal
RWM Series		
RWM 1	07/19/00	Well is continuously pumping
	09/13/00	Well is continuously pumping
RWM 3	08/14/00	Probe got stuck
	09/12/00	Well is continuously pumping
RWM 4	09/12/00	Well is continuously pumping
RWM 5	09/12/00	Well is continuously pumping
RWM 6	09/12/00	Well is continuously pumping

Field Notes

Well	Date	Comments
RWM 7	07/19/00	Well is continuously pumping
	09/13/00	Well is continuously pumping
RWM 8	09/12/00	Well is continuously pumping
RWM 9	09/12/00	Well is continuously pumping
RWM 10	09/12/00	Well is continuously pumping
RWM 11	09/12/00	Well is continuously pumping
RWM 12	07/19/00	Well is continuously pumping
	09/14/00	Well is continuously pumping
RWM 13B	09/13/00	Well is continuously pumping
RWM 13C	09/13/00	Well is continuously pumping
RWM 14B	07/19/00	Well is continuously pumping
	09/14/00	Well is continuously pumping
RWM 14C	07/19/00	Well is continuously pumping
	09/14/00	Well is continuously pumping
RWM 15B	09/13/00	Well is continuously pumping
RWM 17B	09/14/00	Well is continuously pumping
RWM 17D	09/14/00	Well is continuously pumping
SRW Series		
SRW 16A	09/28/00	High turbidity
TBG Series		
TBG 3	08/03/00	Dry after 5 gal
TBG 5	07/31/00	Purged 12 gal
TCM Series		
TCM 3	08/16/00	Hand pump
TCM 7	08/28/00	Pumped dry
TNX Series		
TNX 3D	08/02/00	Dry after 4 gal
TNX 4D	08/25/00	Pumped dry
TNX 5D	08/25/00	Pumped dry
TNX 6D	08/25/00	Pumped dry
TNX 7D	08/28/00	Pumped dry
TNX 18D	08/31/00	Dry well
TNX 26D	08/23/00	Unable to sample well because of stabilization or sampling equipment failure; however, water-level measurements obtained
TNX 35D	8/30/00	Turbidity problems
TRW Series		
TRW 1	08/02/00	Well is continuously pumping
TRW 2	08/02/00	Well is continuously pumping
TRW 3	08/02/00	Well is continuously pumping
XSB Series		
XSB 6	08/31/00	8 gal purged

Field 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.

EM, 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 D-Area Oil Seepage Basin sampling project; however, the MS results weren't available for publication in this report.
- GP conducted radionuclide analyses for GE, and TM conducted radionuclide analyses for WA. GP and TM conducted gross alpha, nonvolatile beta, tritium, and selected radionuclide analyses. 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, cesium-137, cobalt-60, europium-154, europium-155, iodine-129, lead-212, potassium-40, promethium-146, thorium-230, and uranium-238.

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

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

Review of ML's Analytical Data

A technical review of the quarter's analytical data identified at least one reported result for each of the analyses in table 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 third quarter 2000 were conducted using EPA and other methods as noted in tables 12–18 at the end of this section. EM, 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, table 14 for WA, and table 15 for EM.

GP, ML, and TM performed the radionuclide analyses during third quarter 2000. Radionuclide methods generally are modified by the laboratories performing the analyses. Their methods and EQLs are listed in table 16 for GP, table 17 for ML, and table 18 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)
Acetone	LFW 74D
Aluminum	AMB15D†; ASB 3AR†; HTF 23†; LFW 21†, 59D†; MSB 20C, 40A†, 53B†
Chromium	FRB 2†; LFW 76
Iron	AOB 1; LFW 41R, 59D; MSB20C†, 26B†, 39C, 47D†, 68C†, 85TA
Lead	LFW 67B†; MCB 5C†
Mercury	LFW 6R, 63D
Nitrate-nitrite as nitrogen	AMB 17A, 18A
Sulfate	MSB 43A
Total organic carbon	ZBG 2❖
Trichloroethylene	TBG 1

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

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

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

Analyte	Well(s)
Aluminum	FSB 79A†, 91D, 99D, 120D, 123D†; KCB 1
Barium	FSB 79A, 123D†
Beryllium	FSB123D†; FSL 3D
Bis(2-ethylhexyl) phthalate	HSB117C❖
Cadmium	FSB 79A†, 87D, 107D
Chromium	FSB118D†; KCB 1
Cobalt	FSB 79A†
Copper	HSB108D†, 126D
1,2-Dichloroethylene	FSB111D; HEX500TK❖
Iron	HSB100C†, 137C; KCB 1
Lead	FSB 76A†, 93D†, 113D; FSL 6D; HSB108D†
Mercury	FSB 99C❖
Nickel	FSB118D†
Nitrate-nitrite as nitrogen	ABP4; FSB 91D, 99D, 109D; HSB121A, 133D, 136C
PH	HSB150D
Specific conductance	FSB 99A, 109D; HSB144A, 102D, 150D❖, 152D❖
Thallium	HSB102D, 111E
Vanadium	HEX500TK
Zinc	FSB 79A, 89C, 123D†; HSB108D

Analytical Data Review

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

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

Analyte	Well(s)
Barium	FSB106C
Specific conductance	FSB 98C, 104C, 120A; FSL 7D; HSB 67

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

Analyte	Well(s)
Dichloromethane (Methylene chloride)	HSB105C, 124AR; MSB 75B
Manganese	FSB 91D
Trichloroethylene	TBG 1

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

Analyte	Well(s)
Actinium-228	FSB 91D
Americium-241	FSB 99A; HSB103C, 112C
Carbon-14	FSB107D
Curium-245/246	FSB 91D†, 95CR, 105C†, 107D†, 112C; HSB 70C
Gross alpha	FSB109D; HSB145C
Nickel-63	HSB110C†
Nonvolatile beta	FSB115D†; HSB 85C, 102C, 112D
Plutonium-238	HSB100C†, 119A†, 120A, 125D, 124AR
Radium-226	FSB 91D, 99D†; HSB101D†, 103C†, 104C, 107C†, 107D, 134D, 137C;
Radium-228	FEX 1TK; FSB 91D, 98AR
Strontium-90	FSB107D, 111D
Thorium-230	FSB 99C, 107C†; HSB 84D, 101D, 104D, 108C†, 109C, 110D 111C, 111E, 112C†, 113C, 115C 122A, 123A, 126D†, 127D
Thallium-208	HSB150D
Tritium	FSB109D†, 118D; HSB135D

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

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

Analyte	Well(s)
Uranium-233/234	FEX 1TK

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

Analyte	Well(s)
Acetone	SSM 14B, 15B†, 15C†
Aluminum	MSB 1D❖, 64C❖
Copper	MSB 6B❖
1,2-Dichloroethylene	CRP 11D
Lead	MSB 6B❖
Manganese	MSB 4B❖
Trichloroethylene	CRP 3D†; SSM 13C
Zinc	MSB 6B❖, 62B†

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

❖ The questioned value was at least 10 times higher than historical data. Because of insufficient sample for reanalysis, the laboratory was unable to reanalyze the sample.

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

Analyte	Well(s)
Gross alpha	BGO 38D; HSB124AR; HTF 22, 23❖
Nonvolatile beta	BGO 37C; HSB105C, 124AR
Tritium	BGO 20B†; KDB 1; LAW 2C; LDB 2†, 3, 4❖

❖ The questioned value was at least 10 times higher than historical data. Because of insufficient sample for reanalysis, the laboratory was unable to reanalyze the sample.

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

Table 12. Methods and Estimated Quantitation Limits Used by EX

Analyte	Unit	Method	Minimum/Maximum EQLs
Acenaphthene	µg/L	EPA8270C	9.3/10.0
Acenaphthylene	µg/L	EPA8270C	9.3/10.0
Acetone	µg/L	EPA8260B	20.0/1,000
Acetonitrile	µg/L	EPA8260B	200/10,000
Acetophenone	µg/L	EPA8270C	9.3/10.0
2-Acetylaminofluorene	µg/L	EPA8270C	9.3/10.0
Acrolein	µg/L	EPA8260B	50.0/2,500
Acrylonitrile	µg/L	EPA8260B	10.0/500
Aldrin	µg/L	EPA8081A	0.094/0.1
Allyl chloride	µg/L	EPA8260B	5.0/250
Aluminum	µg/L	EPA6010B	200
4-Aminobiphenyl	µg/L	EPA8270C	9.3/10.0

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Aniline	µg/L	EPA8270C	23.0/25.0
Anthracene	µg/L	EPA8270C	9.3/10.0
Antimony	µg/L	EPA6010B	100
Aramite	µg/L	EPA8270C	9.3/10.0
Arsenic	µg/L	EPA6010B	10.0
Barium	µg/L	EPA6010B	10.0
Benzene	µg/L	EPA8260B	5.0/500
alpha-Benzene hexachloride	µg/L	EPA8081A	0.094/0.1
beta-Benzene hexachloride	µg/L	EPA8081A	0.094/0.1
delta-Benzene hexachloride	µg/L	EPA8081A	0.094/0.1
Benzidine	µg/L	EPA8270C	10.0
Benzo[a]anthracene	µg/L	EPA8270C	9.3/10.0
Benzo[b]fluoranthene	µg/L	EPA8270C	9.3/10.0
Benzo[k]fluoranthene	µg/L	EPA8270C	9.3/10.0
Benzo[g,h,i]perylene	µg/L	EPA8270C	9.3/10.0
Benzo[a]pyrene	µg/L	EPA8270C	9.3/10.0
Beryllium	µg/L	EPA6010B	1.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	9.3/10.0
Bis(2-chloroethyl) ether	µg/L	EPA8270C	9.3/10.0
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	9.3/10.0
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	9.3/10.0
Boron	µg/L	EPA6010B	100
Bromochloromethane	µg/L	EPA8260B	5.0/25.0
Bromodichloromethane	µg/L	EPA8260B	5.0/500
Bromoform	µg/L	EPA8260B	5.0/500
Bromomethane	µg/L	EPA8260B	5.0/500
4-Bromophenyl phenyl ether	µg/L	EPA8270C	9.3/10.0
Butylbenzyl phthalate	µg/L	EPA8270C	9.3/10.0
2-sec-Butyl-4,6-dinitrophenol	µg/L	EPA8151A	0.2
Cadmium	µg/L	EPA6010B	10.0
Calcium	µg/L	EPA6010B	1,000
Carbon disulfide	µg/L	EPA8260B	5.0/250
Carbon tetrachloride	µg/L	EPA8260B	1.0/500
alpha-Chlordane	µg/L	EPA8081A	0.094/0.1
gamma-Chlordane	µg/L	EPA8081A	0.094/0.1
Chloride	µg/L	EPA300.0	200/400
4-Chloroaniline	µg/L	EPA8270C	9.3/10.0
Chlorobenzene	µg/L	EPA8260B	5.0/500
Chlorobenzilate	µg/L	EPA8270C	9.3/10.0
4-Chloro-m-cresol	µg/L	EPA8270C	9.3/10.0
Chloroethane	µg/L	EPA8260B	5.0/500
Chloroethene	µg/L	EPA8260B	5.0/500
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/500
Chloroform	µg/L	EPA8260B	1.0/500
Chloromethane	µg/L	EPA8260B	5.0/500
2-Chloronaphthalene	µg/L	EPA8270C	9.3/10.0
2-Chlorophenol	µg/L	EPA8270C	9.3/10.0
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	9.3/10.0
Chloroprene	µg/L	EPA8260B	20.0/1,000
Chromium	µg/L	EPA6010B	10.0
Chrysene	µg/L	EPA8270C	9.3/10.0
Cobalt	µg/L	EPA6010B	20.0
Copper	µg/L	EPA6010B	20.0
o-Cresol	µg/L	EPA8270C	9.3/10.0
p-Cresol	µg/L	EPA8270C	9.3/10.0
Cyanide	µg/L	EPA9014	10.0
p,p'-DDD	µg/L	EPA8081A	0.19/0.2
p,p'-DDE	µg/L	EPA8081A	0.19/0.2
p,p'-DDT	µg/L	EPA8081A	0.19/0.2
Diallate	µg/L	EPA8270C	9.3/10.0
Dibenz[a,h]anthracene	µg/L	EPA8270C	9.3/10.0

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Dibenzofuran	µg/L	EPA8270C	9.3/10.0
Dibromochloromethane	µg/L	EPA8260B	5.0/500
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	10.0/500
1,2-Dibromoethane	µg/L	EPA8260B	5.0/250
Dibromomethane	µg/L	EPA8260B	5.0/250
Di-n-butyl phthalate	µg/L	EPA8270C	9.3/11.0
1,2-Dichlorobenzene	µg/L	EPA8260B	5.0/25.0
	µg/L	EPA8270C	9.3/10.0
1,3-Dichlorobenzene	µg/L	EPA8260B	5.0/250
	µg/L	EPA8270C	9.3/10.0
1,4-Dichlorobenzene	µg/L	EPA8260B	5.0/250
	µg/L	EPA8270C	9.3/10.0
3,3'-Dichlorobenzidine	µg/L	EPA8270C	9.3/10.0
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	20.0/1,000
Dichlorodifluoromethane	µg/L	EPA8260B	5.0/250
1,1-Dichloroethane	µg/L	EPA8260B	5.0/500
1,2-Dichloroethane	µg/L	EPA8260B	5.0/500
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/500
1,2-Dichloroethylene	µg/L	EPA8260B	5.0
cis-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/500
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/500
Dichloromethane	µg/L	EPA8260B	10.0/1,000
2,4-Dichlorophenol	µg/L	EPA8270C	9.3/10.0
2,6-Dichlorophenol	µg/L	EPA8270C	23.0/25.0
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	0.2
1,2-Dichloropropane	µg/L	EPA8260B	5.0/500
1,3-Dichloropropane	µg/L	EPA8260B	5.0/25.0
2,2-Dichloropropane	µg/L	EPA8260B	5.0/25.0
1,1-Dichloropropene	µg/L	EPA8260B	5.0/25.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0/500
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/500
Dieldrin	µg/L	EPA8081A	0.19/0.2
Diethyl phthalate	µg/L	EPA8270C	9.3/10.0
Dimethoate	µg/L	EPA8270C	9.3/10.0
2,4-Dimethyl phenol	µg/L	EPA8270C	9.3/10.0
Dimethyl phthalate	µg/L	EPA8270C	9.3/10.0
p-Dimethylaminoazobenzene	µg/L	EPA8270C	9.3/10.0
7,12-Dimethylbenz[a]anthracene	µg/L	EPA8270C	9.3/10.0
3,3'-Dimethylbenzidine	µg/L	EPA8270C	19.0/20.0
a,a-Dimethylphenethylamine	µg/L	EPA8270C	9.3/10.0
1,3-Dinitrobenzene	µg/L	EPA8270C	47.0/50.0
2,4-Dinitrophenol	µg/L	EPA8270C	23.0/25.0
2,4-Dinitrotoluene	µg/L	EPA8270C	9.3/10.0
2,6-Dinitrotoluene	µg/L	EPA8270C	9.3/10.0
Di-n-octyl phthalate	µg/L	EPA8270C	9.3/10.0
1,4-Dioxane	µg/L	EPA8260B	500/25,000
Diphenylamine	µg/L	EPA8270C	9.3/10.0
1,2-Diphenylhydrazine	µg/L	EPA8270C	10.0
Disulfoton	µg/L	EPA8270C	9.3/10.0
Endosulfan sulfate	µg/L	EPA8081A	0.19/0.2
Endosulfan I	µg/L	EPA8081A	0.094/0.1
Endosulfan II	µg/L	EPA8081A	0.19/0.2
Endrin	µg/L	EPA8081A	0.19/0.2
Endrin aldehyde	µg/L	EPA8081A	0.19/0.2
Ethyl methacrylate	µg/L	EPA8260B	5.0/250
Ethyl methanesulfonate	µg/L	EPA8270C	9.3/10.0
Ethylbenzene	µg/L	EPA8260B	5.0/500
Famphur	µg/L	EPA8270C	190/200
Fluoranthene	µg/L	EPA8270C	9.3/10.0
Fluorene	µg/L	EPA8270C	9.3/10.0
Fluoride	µg/L	EPA300.0	100/200

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Heptachlor	µg/L	EPA8081A	0.094/0.1
Heptachlor epoxide	µg/L	EPA8081A	0.094/0.1
Hexachlorobenzene	µg/L	EPA8270C	9.3/10.0
Hexachlorobutadiene	µg/L	EPA8270C	9.3/10.0
Hexachlorocyclopentadiene	µg/L	EPA8270C	9.3/10.0
Hexachloroethane	µg/L	EPA8270C	9.3/10.0
Hexachlorophene	µg/L	EPA8270C	47.0/50.0
Hexachloropropene	µg/L	EPA8270C	47.0/50.0
2-Hexanone	µg/L	EPA8260B	20.0/1,000
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	9.3/10.0
Iodomethane	µg/L	EPA8260B	5.0/250
Iron	µg/L	EPA6010B	200
Isobutyl alcohol	µg/L	EPA8260B	500/25,000
Isodrin	µg/L	EPA8270C	9.3/10.0
Isophorone	µg/L	EPA8270C	9.3/10.0
Isosafrole	µg/L	EPA8270C	9.3/10.0
Kepone	µg/L	EPA8270C	9.3/10.0
Lead	µg/L	EPA6010B	10.0
Lindane	µg/L	EPA8081A	0.092/0.11
Lithium	µg/L	EPA7430	2.0/20.0
Magnesium	µg/L	EPA6010B	1,000
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.5/2.0
Methacrylonitrile	µg/L	EPA8260B	200/10,000
Methapyrilene	µg/L	EPA8270C	9.3/10.0
Methoxychlor	µg/L	EPA8081A	0.94/1.0
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	23.0/25.0
Methyl ethyl ketone	µg/L	EPA8260B	20.0/1,000
Methyl isobutyl ketone	µg/L	EPA8260B	10.0/500
Methyl methacrylate	µg/L	EPA8260B	20.0/1,000
Methyl methanesulfonate	µg/L	EPA8270C	9.3/10.0
3-Methylcholanthrene	µg/L	EPA8270C	9.3/10.0
2-Methylnaphthalene	µg/L	EPA8270C	9.3/10.0
Naphthalene	µg/L	EPA8270C	9.3/10.0
1,4-Naphthoquinone	µg/L	EPA8270C	9.3/10.0
1-Naphthylamine	µg/L	EPA8270C	9.3/10.0
2-Naphthylamine	µg/L	EPA8270C	9.3/10.0
Nickel	µg/L	EPA6010B	50.0
Nitrate-nitrite as nitrogen	µg/L	EPA300.0	100/2,000
m-Nitroaniline	µg/L	EPA8270C	23.0/25.0
o-Nitroaniline	µg/L	EPA8270C	23.0/25.0
p-Nitroaniline	µg/L	EPA8270C	9.3/10.0
Nitrobenzene	µg/L	EPA8270C	9.3/10.0
2-Nitrophenol	µg/L	EPA8270C	9.3/10.0
4-Nitrophenol	µg/L	EPA8270C	23.0/25.0
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	47.0/50.0
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	9.3/10.0
N-Nitrosodiethylamine	µg/L	EPA8270C	9.3/10.0
N-Nitrosodimethylamine	µg/L	EPA8270C	23.0/25.0
N-Nitrosodiphenylamine	µg/L	EPA8270C	9.3/10.0
N-Nitrosodipropylamine	µg/L	EPA8270C	9.3/10.0
N-Nitrosomethylethylamine	µg/L	EPA8270C	9.3/10.0
N-Nitrosomorpholine	µg/L	EPA8270C	9.3/10.0
N-Nitrosopiperidine	µg/L	EPA8270C	9.3/10.0
N-Nitrosopyrrolidine	µg/L	EPA8270C	9.3/10.0
5-Nitro-o-toluidine	µg/L	EPA8270C	9.3/10.0
Parathion	µg/L	EPA8270C	9.3/10.0
Parathion methyl	µg/L	EPA8270C	9.3/10.0
PCB 1016	µg/L	EPA8082	0.94/1.0
PCB 1221	µg/L	EPA8082	0.94/1.0
PCB 1232	µg/L	EPA8082	0.94/1.0

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
PCB 1242	µg/L	EPA8082	1.9/2.0
PCB 1248	µg/L	EPA8082	0.94/1.0
PCB 1254	µg/L	EPA8082	0.94/1.0
PCB 1260	µg/L	EPA8082	0.94/1.0
Pentachlorobenzene	µg/L	EPA8270C	47.0/50.0
Pentachloroethane	µg/L	EPA8260B	200/10,000
Pentachloronitrobenzene	µg/L	EPA8270C	9.3/10.0
Pentachlorophenol	µg/L	EPA8270C	23.0/25.0
pH	pH	EPA150.1	0.1
Phenacetin	µg/L	EPA8270C	9.3/10.0
Phenanthrene	µg/L	EPA8270C	9.3/10.0
Phenol	µg/L	EPA8270C	9.3/11.0
p-Phenylenediamine	µg/L	EPA8270C	9.3/10.0
Phorate	µg/L	EPA8270C	9.3/10.0
2-Picoline	µg/L	EPA8270C	9.3/10.0
Potassium	µg/L	EPA6010B	5,000
Pronamid	µg/L	EPA8270C	9.3/10.0
Propionitrile	µg/L	EPA8260B	200/10,000
Pyrene	µg/L	EPA8270C	9.3/10.0
Pyridine	µg/L	EPA8270C	23.0/25.0
Safrole	µg/L	EPA8270C	9.3/10.0
Selenium	µg/L	EPA6010B	10.0
Silica	µg/L	EPA370.1	100/5,000
Silver	µg/L	EPA6010B	20.0
Sodium	µg/L	EPA6010B	1,000
Specific conductance	µS/cm	EPA120.1	1.0
Styrene	µg/L	EPA8260B	5.0/250
Sulfate	µg/L	EPA300.0	500/50,000
Sulfide	µg/L	EPA376.1	1,000
Sulfotepp	µg/L	EPA8270C	9.3/10.0
2,4,5-T	µg/L	EPA8151A	0.2
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	47.0/50.0
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0/250
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0/500
Tetrachloroethylene	µg/L	EPA8260B	1.0/1,200
2,3,4,6-Tetrachlorophenol	µg/L	EPA8270C	9.3/10.0
Thallium	µg/L	EPA6010B	10.0
Thionazin	µg/L	EPA8270C	9.3/10.0
Tin	µg/L	EPA6010B	200
Toluene	µg/L	EPA8260B	5.0/500
o-Toluidine	µg/L	EPA8270C	9.3/10.0
Total dissolved solids	µg/L	EPA160.1	10,000
Total organic carbon	µg/L	EPA9060	5,000
	µg/L	EPA415.1	5,000
Total phosphates (as P)	µg/L	EPA300.0	500/5,000
Toxaphene	µg/L	EPA8081A	1.9/2.0
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.2
1,2,4-Trichlorobenzene	µg/L	EPA8270C	9.3/10.0
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/500
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/500
Trichloroethylene	µg/L	EPA8260B	1.0/1,200
Trichlorofluoromethane	µg/L	EPA8260B	5.0/500
2,4,5-Trichlorophenol	µg/L	EPA8270C	9.3/10.0
2,4,6-Trichlorophenol	µg/L	EPA8270C	23.0/25.0
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0/250
O,O,O-Triethyl phosphorothioate	µg/L	EPA8270C	9.3/10.0
1,3,5-Trinitrobenzene	µg/L	EPA8270C	9.3/10.0
Vanadium	µg/L	EPA6010B	10.0
Vinyl acetate	µg/L	EPA8260B	5.0/250
Xylenes	µg/L	EPA8260B	10.0/500
Zinc	µg/L	EPA6010B	20.0

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Table 13. Methods and Estimated Quantitation Limits Used by GE

Analyte	Unit	Method	Minimum/Maximum EQLs
Acenaphthene	µg/L	EPA8270C	0.971/1.82
Acenaphthylene	µg/L	EPA8270C	0.971/1.82
Acetone	µg/L	EPA8260B	5.0
Acetonitrile	µg/L	EPA8260B	25.0
Acetophenone	µg/L	EPA8270C	9.71/18.2
2-Acetylaminofluorene	µg/L	EPA8270C	9.71/18.2
Acrolein	µg/L	EPA8260B	10.0
Acrylonitrile	µg/L	EPA8260B	10.0
Aldrin	µg/L	EPA8081A	0.0194/0.0533
Alkalinity (as CaCO ₃)	meq/L	EPA310.1	2,000
Allyl chloride	µg/L	EPA8260B	5.0
Aluminum	µg/L	EPA6020	15.0
	µg/L	EPA6010B	50.0
4-Aminobiphenyl	µg/L	EPA8270C	9.71/18.2
Aniline	µg/L	EPA8270C	9.71/18.2
Anthracene	µg/L	EPA8270C	0.971/1.82
Antimony	µg/L	EPA6020	2.0
	µg/L	EPA6010B	10.0
Aramite	µg/L	EPA8270C	9.71/18.2
Arsenic	µg/L	EPA6020	3.0
	µg/L	EPA6010B	5.0
Barium	µg/L	EPA6020	2.0
	µg/L	EPA6010B	5.0
Benzene	µg/L	EPA8260B	1.0/2.0
alpha-Benzene hexachloride	µg/L	EPA8081A	0.0194/0.0267
beta-Benzene hexachloride	µg/L	EPA8081A	0.0194/0.0267
delta-Benzene hexachloride	µg/L	EPA8081A	0.0194/0.0267
Benzo[a]anthracene	µg/L	EPA8270C	0.971/1.82
Benzo[b]fluoranthene	µg/L	EPA8270C	0.971/1.82
Benzo[k]fluoranthene	µg/L	EPA8270C	0.971/1.82
Benzo[g,h,i]perylene	µg/L	EPA8270C	0.971/1.82
Benzo[a]pyrene	µg/L	EPA8270C	0.971/1.82
Benzyl alcohol	µg/L	EPA8270C	9.71/18.2
Beryllium	µg/L	EPA6020	0.2
	µg/L	EPA6010B	5.0
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	9.71/18.2
Bis(2-chloroethyl) ether	µg/L	EPA8270C	9.71/18.2
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	9.71/18.2
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	0.952/2.0
Boron	µg/L	EPA6010B	50.0
Bromodichloromethane	µg/L	EPA8260B	1.0/2.0
Bromoform	µg/L	EPA8260B	1.0/2.0
Bromomethane	µg/L	EPA8260B	1.0/2.0
4-Bromophenyl phenyl ether	µg/L	EPA8270C	9.71/18.2
Butylbenzyl phthalate	µg/L	EPA8270C	9.71/18.2
2-sec-Butyl-4,6-dinitrophenol	µg/L	EPA8151A	0.2/0.235
Cadmium	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Calcium	µg/L	EPA6010B	100
Carbazole	µg/L	EPA8270C	9.8/10.0
Carbon disulfide	µg/L	EPA8260B	5.0
Carbon tetrachloride	µg/L	EPA8260B	1.0/2.0
Chlordane	µg/L	EPA8081A	0.243/0.333
alpha-Chlordane	µg/L	EPA8081A	0.0194/0.02
gamma-Chlordane	µg/L	EPA8081A	0.0194/0.02
Chloride	µg/L	EPA9056	100
4-Chloroaniline	µg/L	EPA8270C	9.71/18.2
Chlorobenzene	µg/L	EPA8260B	1.0/2.0
Chlorobenzilate	µg/L	EPA8270C	9.71/18.2

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
4-Chloro-m-cresol	µg/L	EPA8270C	9.71/18.2
Chloroethane	µg/L	EPA8260B	1.0/2.0
Chloroethene	µg/L	EPA8260B	1.0/2.0
2-Chloroethyl vinyl ether	µg/L	EPA8260B	5.0/10.0
Chloroform	µg/L	EPA8260B	1.0/2.0
Chloromethane	µg/L	EPA8260B	1.0/2.0
2-Chloronaphthalene	µg/L	EPA8270C	0.971/1.82
2-Chlorophenol	µg/L	EPA8270C	9.71/18.2
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	9.71/18.2
Chloroprene	µg/L	EPA8260B	1.0
Chromium	µg/L	EPA6020	3.0
	µg/L	EPA6010B	5.0
Chrysene	µg/L	EPA8270C	0.971/1.82
Cobalt	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Copper	µg/L	EPA6020	2.0
	µg/L	EPA6010B	5.0
m/p-Cresol	µg/L	EPA8270C	9.71/18.2
o-Cresol	µg/L	EPA8270C	9.71/18.2
Cyanide	µg/L	EPA9012A	5.0
p,p'-DDD	µg/L	EPA8081A	0.0388/0.0533
p,p'-DDE	µg/L	EPA8081A	0.0388/0.0533
p,p'-DDT	µg/L	EPA8081A	0.0388/0.0533
Diallate	µg/L	EPA8270C	9.71/18.2
Dibenz[a,h]anthracene	µg/L	EPA8270C	0.971/1.82
Dibenzofuran	µg/L	EPA8270C	9.71/18.2
Dibromochloromethane	µg/L	EPA8260B	1.0/2.0
1,2-Dibromo-3-chloropropane	µg/L	EPA8260B	1.0
1,2-Dibromoethane	µg/L	EPA8260B	1.0
Dibromomethane	µg/L	EPA8260B	1.0
Di-n-butyl phthalate	µg/L	EPA8270C	9.71/18.2
1,2-Dichlorobenzene	µg/L	EPA8270C	9.71/18.2
1,3-Dichlorobenzene	µg/L	EPA8270C	9.71/18.2
1,4-Dichlorobenzene	µg/L	EPA8270C	9.71/18.2
3,3'-Dichlorobenzidine	µg/L	EPA8270C	9.71/18.2
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	5.0
Dichlorodifluoromethane	µg/L	EPA8260B	1.0
1,1-Dichloroethane	µg/L	EPA8260B	1.0/2.0
1,2-Dichloroethane	µg/L	EPA8260B	1.0/2.0
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/2.0
1,2-Dichloroethylene	µg/L	EPA8260B	2.0
cis-1,2-Dichloroethylene	µg/L	EPA8260B	1.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/2.0
Dichloromethane	µg/L	EPA8260B	5.0/10.0
2,4-Dichlorophenol	µg/L	EPA8270C	9.71/18.2
2,6-Dichlorophenol	µg/L	EPA8270C	9.71/18.2
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	0.2/0.235
1,2-Dichloropropane	µg/L	EPA8260B	1.0/2.0
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/2.0
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/2.0
Dieldrin	µg/L	EPA8081A	0.0388/0.0533
Diethyl phthalate	µg/L	EPA8270C	9.71/18.2
Dimethoate	µg/L	EPA8270C	9.71/18.2
2,4-Dimethyl phenol	µg/L	EPA8270C	9.71/18.2
Dimethyl phthalate	µg/L	EPA8270C	9.71/18.2
p-Dimethylaminoazobenzene	µg/L	EPA8270C	9.71/18.2
7,12-Dimethylbenz[a]anthracene	µg/L	EPA8270C	9.71/18.2
3,3'-Dimethylbenzidine	µg/L	EPA8270C	19.4/36.4
a,a-Dimethylphenethylamine	µg/L	EPA8270C	9.71/18.2
1,3-Dinitrobenzene	µg/L	EPA8270C	9.71/18.2
2,4-Dinitrophenol	µg/L	EPA8270C	19.4/36.4

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
2,4-Dinitrotoluene	µg/L	EPA8270C	9.71/18.2
2,6-Dinitrotoluene	µg/L	EPA8270C	9.71/18.2
Di-n-octyl phthalate	µg/L	EPA8270C	9.71/18.2
1,4-Dioxane	µg/L	EPA8270C	9.71/18.2
Diphenylamine	µg/L	EPA8270C	9.71/18.2
Disulfoton	µg/L	EPA8270C	9.71/18.2
Endosulfan sulfate	µg/L	EPA8081A	0.0388/0.0533
Endosulfan I	µg/L	EPA8081A	0.0194/0.0267
Endosulfan II	µg/L	EPA8081A	0.0388/0.0533
Endrin	µg/L	EPA8081A	0.0388/0.0533
Endrin aldehyde	µg/L	EPA8081A	0.0388/0.0533
Endrin ketone	µg/L	EPA8081A	0.0388/0.04
Ethyl methacrylate	µg/L	EPA8270C	9.71/18.2
Ethyl methanesulfonate	µg/L	EPA8270C	9.71/18.2
Ethylbenzene	µg/L	EPA8260B	1.0/2.0
Famphur	µg/L	EPA8270C	9.71/18.2
Fluoranthene	µg/L	EPA8270C	0.971/1.82
Fluorene	µg/L	EPA8270C	0.971/1.82
Fluoride	µg/L	EPA9056	50.0
Heptachlor	µg/L	EPA8081A	0.0194/0.0267
Heptachlor epoxide	µg/L	EPA8081A	0.0194/0.0267
Heptachlorodibenzo-p-dioxins	µg/L	EPA8280	0.01
Heptachlorodibenzo-p-furans	µg/L	EPA8280	0.01
Hexachlorobenzene	µg/L	EPA8270C	9.71/18.2
Hexachlorobutadiene	µg/L	EPA8270C	9.71/18.2
Hexachlorocyclopentadiene	µg/L	EPA8270C	9.71/18.2
Hexachlorodibenzo-p-dioxins	µg/L	EPA8280	0.01
Hexachlorodibenzo-p-furans	µg/L	EPA8280	0.01
Hexachloroethane	µg/L	EPA8270C	9.71/18.2
Hexachlorophene	µg/L	EPA8270C	485/909
Hexachloropropene	µg/L	EPA8270C	9.71/18.2
2-Hexanone	µg/L	EPA8260B	5.0
1,2,3,4,6,7,8-HPCDD	µg/L	EPA8280	0.01
1,2,3,4,6,7,8-HPCDF	µg/L	EPA8280	0.01
1,2,3,4,7,8-HXCDD	µg/L	EPA8280	0.01
1,2,3,4,7,8-HXCDF	µg/L	EPA8280	0.01
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	0.971/1.82
Iodomethane	µg/L	EPA8260B	5.0
Iron	µg/L	EPA6020	25.0/500
	µg/L	EPA6010B	50.0
Isobutyl alcohol	µg/L	EPA8260B	50.0
Isodrin	µg/L	EPA8270C	9.71/18.2
Isophorone	µg/L	EPA8270C	9.71/18.2
Isosafrole	µg/L	EPA8270C	9.71/18.2
Kepone	µg/L	EPA8270C	9.71/18.2
Lead	µg/L	EPA6020	2.0/40.0
	µg/L	EPA6010B	5.0
Lindane	µg/L	EPA8081A	0.0194/0.0267
Lithium	µg/L	EPA6020	10.0
Magnesium	µg/L	EPA6010B	20.0
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.2/0.4
Methacrylonitrile	µg/L	EPA8260B	5.0
Methapyrilene	µg/L	EPA8270C	9.71/18.2
Methoxychlor	µg/L	EPA8081A	0.194/0.267
Methyl tert-butyl ether	µg/L	EPA8260B	5.0
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	9.71/18.2
Methyl ethyl ketone	µg/L	EPA8260B	5.0
Methyl isobutyl ketone	µg/L	EPA8260B	5.0
Methyl methacrylate	µg/L	EPA8260B	5.0
Methyl methanesulfonate	µg/L	EPA8270C	9.71/18.2

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
3-Methylcholanthrene	µg/L	EPA8270C	9.71/18.2
2-Methylnaphthalene	µg/L	EPA8270C	0.971/1.82
Naphthalene	µg/L	EPA8270C	0.971/1.82
	µg/L	EPA8260B	1.0
1,4-Naphthoquinone	µg/L	EPA8270C	9.71/18.2
1-Naphthylamine	µg/L	EPA8270C	9.71/18.2
2-Naphthylamine	µg/L	EPA8270C	9.71/18.2
Nickel	µg/L	EPA6020	2.0
	µg/L	EPA6010B	5.0
Nitrate as nitrogen	µg/L	EPA9056	50.0
Nitrate-nitrite as nitrogen	µg/L	EPA353.1	50.0/10,000
m-Nitroaniline	µg/L	EPA8270C	9.71/18.2
o-Nitroaniline	µg/L	EPA8270C	9.71/18.2
p-Nitroaniline	µg/L	EPA8270C	9.71/18.2
Nitrobenzene	µg/L	EPA8270C	9.71/18.2
2-Nitrophenol	µg/L	EPA8270C	9.71/18.2
4-Nitrophenol	µg/L	EPA8270C	9.71/18.2
4-Nitroquinoline-1-oxide	µg/L	EPA8270C	9.71/18.2
N-Nitrosodi-n-butylamine	µg/L	EPA8270C	9.71/18.2
N-Nitrosodiethylamine	µg/L	EPA8270C	9.71/18.2
N-Nitrosodimethylamine	µg/L	EPA8270C	9.71/18.2
N-Nitrosodipropylamine	µg/L	EPA8270C	9.71/18.2
N-Nitrosomethylethylamine	µg/L	EPA8270C	9.71/18.2
N-Nitrosomorpholine	µg/L	EPA8270C	9.71/18.2
N-Nitrosopiperidine	µg/L	EPA8270C	9.71/18.2
N-Nitrosopyrrolidine	µg/L	EPA8270C	9.71/18.2
5-Nitro-o-toluidine	µg/L	EPA8270C	9.71/18.2
Octachlorodibenzo-p-dioxin	µg/L	EPA8280	0.01
Octachlorodibenzo-p-furan	µg/L	EPA8280	0.01
Parathion	µg/L	EPA8270C	9.71/18.2
Parathion methyl	µg/L	EPA8270C	9.71/18.2
PCB 1016	µg/L	EPA8082	0.0971/0.143
PCB 1221	µg/L	EPA8082	0.0971/0.143
PCB 1232	µg/L	EPA8082	0.0971/0.143
PCB 1242	µg/L	EPA8082	0.0971/0.143
PCB 1248	µg/L	EPA8082	0.0971/0.143
PCB 1254	µg/L	EPA8082	0.0971/0.143
PCB 1260	µg/L	EPA8082	0.0971/0.143
1,2,3,7,8-PCDD	µg/L	EPA8280	0.01
1,2,3,7,8-PCDF	µg/L	EPA8280	0.01
Pentachlorobenzene	µg/L	EPA8270C	9.71/18.2
Pentachlorodibenzo-p-dioxins	µg/L	EPA8280	0.01
	µg/L	EPA8280	0.01
Pentachloroethane	µg/L	EPA8270C	9.71/18.2
Pentachloronitrobenzene	µg/L	EPA8270C	9.71/18.2
Pentachlorophenol	µg/L	EPA8270C	9.71/18.2
pH	pH	EPA9040B	0.1
	pH	EPA9045C	0.1
Phenacetin	µg/L	EPA8270C	9.71/18.2
Phenanthrene	µg/L	EPA8270C	0.971/1.82
Phenol	µg/L	EPA8270C	9.71/18.2
Phenols	µg/L	EPA9066	5.0
p-Phenylenediamine	µg/L	EPA8270C	19.4/36.4
Phorate	µg/L	EPA8270C	9.71/18.2
2-Picoline	µg/L	EPA8270C	9.71/18.2
Potassium	µg/L	EPA6010B	100
Pronamid	µg/L	EPA8270C	9.71/18.2
Propionitrile	µg/L	EPA8260B	5.0
Pyrene	µg/L	EPA8270C	0.971/1.82
Pyridine	µg/L	EPA8270C	9.71/18.2
Safrole	µg/L	EPA8270C	9.71/18.2

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Analyte	Unit	Method	Minimum/Maximum EQLs
Selenium	µg/L	EPA6020	3.0
	µg/L	EPA6010B	5.0
Silver	µg/L	EPA6020	1.0
	µg/L	EPA6010B	5.0
Sodium	µg/L	EPA6010B	100
Specific conductance	µS/cm	EPA9050A	1.0
Styrene	µg/L	EPA8260B	1.0
Sulfate	µg/L	EPA9056	200
Sulfide	µg/L	EPA9034	1,000
Sulfotep	µg/L	EPA8270C	9.71/18.2
2,4,5-T	µg/L	EPA8151A	0.2/0.235
2,3,7,8-TCDD	µg/L	EPA8280	0.01
2,3,7,8-TCDF	µg/L	EPA8280	0.01
1,2,4,5-Tetrachlorobenzene	µg/L	EPA8270C	9.71/18.2
Tetrachlorodibenzo-p-dioxins	µg/L	EPA8280	0.01
Tetrachlorodibenzo-p-furans	µg/L	EPA8280	0.01
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	1.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/2.0
Tetrachloroethylene	µg/L	EPA8260B	1.0/2.0
2,3,4,6-Tetrachlorophenol	µg/L	EPA8270C	9.71/18.2
Thallium	µg/L	EPA6020	0.5/10.0
	µg/L	EPA6010B	10.0
Thionazin	µg/L	EPA8270C	9.71/18.2
Tin	µg/L	EPA6020	2.0
	µg/L	EPA6010B	10.0
Toluene	µg/L	EPA8260B	1.0/2.0
o-Toluidine	µg/L	EPA8270C	9.71/18.2
Total dissolved solids	µg/L	EPA160.1	10,000
Total organic carbon	µg/L	EPA9060	200
Total organic halogens	µg/L	EPA9020B	10.0
Total petroleum hydrocarbons	µg/L	EPA418.1	1,000
Total phosphates (as P)	µg/L	EPA365.4	50.0
Toxaphene	µg/L	EPA8081A	0.971/1.33
2,4,5-TP (Silvex)	µg/L	EPA8151A	0.2/0.235
1,2,4-Trichlorobenzene	µg/L	EPA8270C	9.71/18.2
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/2.0
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/2.0
Trichloroethylene	µg/L	EPA8260B	1.0/25.0
Trichlorofluoromethane	µg/L	EPA8260B	1.0/2.0
2,4,5-Trichlorophenol	µg/L	EPA8270C	9.71/18.2
2,4,6-Trichlorophenol	µg/L	EPA8270C	9.71/18.2
1,2,3-Trichloropropane	µg/L	EPA8260B	1.0
O,O,O-Triethyl phosphorothioate	µg/L	EPA8270C	9.71/18.2
1,3,5-Trinitrobenzene	µg/L	EPA8270C	9.71/18.2
Uranium	µg/L	EPA6020	0.2
	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	EPA6020	10.0
	µg/L	EPA6010B	5.0

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

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Table 14. Methods and Estimated Quantitation Limits Used by WA

Analyte	Unit	Method	Minimum/Maximum EQLs
Acenaphthene	µg/L	EPA8270C	10.0/10.6
Acenaphthylene	µg/L	EPA8270C	10.0/10.6
Acetone	µg/L	EPA8260B	10.0/50.0
Acetonitrile	µg/L	EPA8260B	20.0
Acrolein	µg/L	EPA8260B	20.0
Acrylonitrile	µg/L	EPA8260B	5.0
Aldrin	µg/L	EPA8081A	0.05/0.053
Alkalinity (as CaCO ₃)	meq/L	EPA310.1	6,700
Allyl chloride	µg/L	EPA8260B	10.0
Aluminum	µg/L	EPA6010B	146
Anthracene	µg/L	EPA8270C	10.0/10.6
Antimony	µg/L	EPA6010B	27.0
Arsenic	µg/L	EPA6010B	40.0
Barium	µg/L	EPA6010B	1.8
Benzene	µg/L	EPA8260B	5.0/1,000
alpha-Benzene hexachloride	µg/L	EPA8081A	0.05/0.053
beta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.053
delta-Benzene hexachloride	µg/L	EPA8081A	0.05/0.053
Benzo[a]anthracene	µg/L	EPA8270C	10.0/10.6
Benzo[b]fluoranthene	µg/L	EPA8270C	10.0/10.6
Benzo[k]fluoranthene	µg/L	EPA8270C	10.0/10.6
Benzo[g,h,i]perylene	µg/L	EPA8270C	10.0/10.6
Benzo[a]pyrene	µg/L	EPA8270C	10.0/10.6
Beryllium	µg/L	EPA6010B	1.6
Bis(2-chloroethoxy) methane	µg/L	EPA8270C	10.0/10.6
Bis(2-chloroethyl) ether	µg/L	EPA8270C	10.0/10.6
Bis(2-chloroisopropyl) ether	µg/L	EPA8270C	10.0/10.6
Bis(2-ethylhexyl) phthalate	µg/L	EPA8270C	10.0/15.2
Boron	µg/L	EPA6010B	266
Bromodichloromethane	µg/L	EPA8260B	5.0/1,000
Bromoform	µg/L	EPA8260B	5.0/1,000
Bromomethane	µg/L	EPA8260B	10.0/2,000
4-Bromophenyl phenyl ether	µg/L	EPA8270C	10.0/10.6
Butylbenzyl phthalate	µg/L	EPA8270C	10.0/10.6
Cadmium	µg/L	EPA6010B	4.7
Calcium	µg/L	EPA6010B	471
Carbazole	µg/L	EPA8270C	10.0/10.6
Carbon disulfide	µg/L	EPA8260B	5.0/25.0
Carbon tetrachloride	µg/L	EPA8260B	5.0/1,000
	µg/L	EPA8021B	0.5/2.5
alpha-Chlordane	µg/L	EPA8081A	0.1/0.106
gamma-Chlordane	µg/L	EPA8081A	0.1/0.106
Chloride	µg/L	EPA9056	210/340
4-Chloroaniline	µg/L	EPA8270C	10.0/10.6
Chlorobenzene	µg/L	EPA8260B	5.0/1,000
4-Chloro-m-cresol	µg/L	EPA8270C	10.0/10.6
Chloroethane	µg/L	EPA8260B	10.0/2,000
Chloroethene	µg/L	EPA8260B	10.0/2,000
2-Chloroethyl vinyl ether	µg/L	EPA8260B	10.0/2,000
Chloroform	µg/L	EPA8260B	5.0/1,000
	µg/L	EPA8021B	0.5/2.5
Chloromethane	µg/L	EPA8260B	10.0/2,000
2-Chloronaphthalene	µg/L	EPA8270C	10.0/10.6
2-Chlorophenol	µg/L	EPA8270C	10.0/10.6
4-Chlorophenyl phenyl ether	µg/L	EPA8270C	10.0/10.6
Chloroprene	µg/L	EPA8260B	5.0
Chromium	µg/L	EPA6010B	7.0
Chrysene	µg/L	EPA8270C	10.0/10.6
Cobalt	µg/L	EPA6010B	4.5

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Copper	µg/L	EPA6010B	15.0
o-Cresol	µg/L	EPA8270C	10.0/10.6
p-Cresol	µg/L	EPA8270C	10.0/21.2
Cyanide	µg/L	EPA9014	15.2
	µg/L	EPA9012A	15.2
	µg/L	EPA9010B	15.2/100
p,p'-DDD	µg/L	EPA8081A	0.1/0.1065
p,p'-DDE	µg/L	EPA8081A	0.1/0.1065
p,p'-DDT	µg/L	EPA8081A	0.1/0.1065
Dibenz[a,h]anthracene	µg/L	EPA8270C	10.0/10.6
Dibenzofuran	µg/L	EPA8270C	10.0/10.6
Dibromochloromethane	µg/L	EPA8260B	5.0/1,000
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	10.0/10.6
1,2-Dichlorobenzene	µg/L	EPA8270C	10.0/10.6
1,3-Dichlorobenzene	µg/L	EPA8270C	10.0/10.6
1,4-Dichlorobenzene	µg/L	EPA8270C	10.0/10.6
	µg/L	EPA8260B	5.0
3,3'-Dichlorobenzidine	µg/L	EPA8270C	20.0/21.2
trans-1,4-Dichloro-2-butene	µg/L	EPA8260B	20.0
Dichlorodifluoromethane	µg/L	EPA8260B	10.0
1,1-Dichloroethane	µg/L	EPA8260B	5.0/1,000
1,2-Dichloroethane	µg/L	EPA8260B	5.0/1,000
1,1-Dichloroethylene	µg/L	EPA8260B	5.0/1,000
1,2-Dichloroethylene	µg/L	EPA8260B	5.0/1,000
cis-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/25.0
trans-1,2-Dichloroethylene	µg/L	EPA8260B	5.0/1,000
Dichloromethane	µg/L	EPA8260B	5.0/1,000
2,4-Dichlorophenol	µg/L	EPA8270C	10.0/10.6
2,4-Dichlorophenoxyacetic acid	µg/L	EPA8151A	1.0/1.67
1,2-Dichloropropane	µg/L	EPA8260B	5.0/1,000
cis-1,3-Dichloropropene	µg/L	EPA8260B	5.0/1,000
trans-1,3-Dichloropropene	µg/L	EPA8260B	5.0/1,000
Dieldrin	µg/L	EPA8081A	0.1/0.1065
Diethyl phthalate	µg/L	EPA8270C	10.0/10.6
2,4-Dimethyl phenol	µg/L	EPA8270C	10.0/10.6
Dimethyl phthalate	µg/L	EPA8270C	10.0/10.6
2,4-Dinitrophenol	µg/L	EPA8270C	25.0/26.6
2,4-Dinitrotoluene	µg/L	EPA8270C	10.0/10.6
2,6-Dinitrotoluene	µg/L	EPA8270C	10.0/10.6
Di-n-octyl phthalate	µg/L	EPA8270C	10.0/10.6
Endosulfan sulfate	µg/L	EPA8081A	0.1/0.1065
Endosulfan I	µg/L	EPA8081A	0.05/0.053
Endosulfan II	µg/L	EPA8081A	0.1/0.1065
Endrin	µg/L	EPA8081A	0.1/0.1065
Endrin aldehyde	µg/L	EPA8081A	0.1/0.1065
Endrin ketone	µg/L	EPA8081A	0.1/0.1065
Ethylbenzene	µg/L	EPA8260B	5.0/1,000
Fluoranthene	µg/L	EPA8270C	10.0/10.6
Fluorene	µg/L	EPA8270C	10.0/10.6
Fluoride	µg/L	EPA340.2	40.0
Heptachlor	µg/L	EPA8081A	0.05/0.053
Heptachlor epoxide	µg/L	EPA8081A	0.05/0.053
Hexachlorobenzene	µg/L	EPA8270C	10.0/10.6
Hexachlorobutadiene	µg/L	EPA8270C	10.0/10.6
Hexachlorocyclopentadiene	µg/L	EPA8270C	10.0/10.6
Hexachlorodibenzo-p-dioxins	ng/L	EPA8280A	1.5
Hexachlorodibenzo-p-furans	ng/L	EPA8280A	1.6
Hexachloroethane	µg/L	EPA8270C	10.0/10.6

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
2-Hexanone	µg/L	EPA8260B	10.0/50.0
Indeno[1,2,3-c,d]pyrene	µg/L	EPA8270C	10.0/10.6
Iodomethane	µg/L	EPA8260B	5.0
Iron	µg/L	EPA6010B	74.0
Isobutyl alcohol	µg/L	EPA8260B	100
Isophorone	µg/L	EPA8270C	10.0/10.6
Lead	µg/L	EPA6010B	47.0
Lindane	µg/L	EPA8081A	0.05/0.1
Lithium	µg/L	EPA6010B	2.7
Magnesium	µg/L	EPA6010B	74.0
Manganese	µg/L	EPA6010B	7.8
Mercury	µg/L	EPA7470A	0.7
Methacrylonitrile	µg/L	EPA8260B	10.0
Methoxychlor	µg/L	EPA8081A	0.5/0.53
2-Methyl-4,6-dinitrophenol	µg/L	EPA8270C	25.0/26.6
Methyl ethyl ketone	µg/L	EPA8260B	10.0/50.0
Methyl isobutyl ketone	µg/L	EPA8260B	10.0/50.0
2-Methylnaphthalene	µg/L	EPA8270C	10.0/10.6
Naphthalene	µg/L	EPA8270C	10.0/10.6
Nickel	µg/L	EPA6010B	26.0
Nitrate as nitrogen	µg/L	EPA353.2	20.0/100
Nitrate-nitrite as nitrogen	µg/L	EPA353.2	20.0/1,000
Nitrite as nitrogen	µg/L	EPA353.1	20.0
m-Nitroaniline	µg/L	EPA8270C	25.0/26.6
o-Nitroaniline	µg/L	EPA8270C	25.0/26.6
p-Nitroaniline	µg/L	EPA8270C	25.0/26.6
Nitrobenzene	µg/L	EPA8270C	10.0/10.6
2-Nitrophenol	µg/L	EPA8270C	10.0/10.6
4-Nitrophenol	µg/L	EPA8270C	25.0/26.6
N-Nitrosodiphenylamine	µg/L	EPA8270C	10.0/10.6
N-Nitrosodipropylamine	µg/L	EPA8270C	10.0/10.6
PCB 1016	µg/L	EPA8082	1.0/2.0
PCB 1221	µg/L	EPA8082	2.0/4.0
PCB 1232	µg/L	EPA8082	1.0/2.0
PCB 1242	µg/L	EPA8082	1.0/2.0
PCB 1248	µg/L	EPA8082	1.0/2.0
PCB 1254	µg/L	EPA8082	1.0/2.0
PCB 1260	µg/L	EPA8082	1.0/2.0
Pentachlorodibenzo-p-dioxins	ng/L	EPA8280A	2.2
	ng/L	EPA8280A	1.7
Pentachlorophenol	µg/L	EPA8270C	25.0/26.6
pH	pH	EPA9040B	0.1
Phenanthrene	µg/L	EPA8270C	10.0/10.6
Phenol	µg/L	EPA8270C	10.0/20.0
Phenols	µg/L	EPA9066	37.0
Potassium	µg/L	EPA6010B	187
Propionitrile	µg/L	EPA8260B	50.0
Pyrene	µg/L	EPA8270C	10.0/10.6
Selenium	µg/L	EPA6010B	66.0
Silica	µg/L	EPA6010B	1,350
Silver	µg/L	EPA6010B	5.0
Sodium	µg/L	EPA6010B	285
Specific conductance	µS/cm	EPA9050A	8.9/10.0
Styrene	µg/L	EPA8260B	5.0/25.0
Sulfate	µg/L	EPA9056	210/340
Sulfide	µg/L	EPA9034	10,000
2,3,7,8-TCDD	ng/L	EPA8280A	1.2
Tetrachlorodibenzo-p-dioxins	ng/L	EPA8280A	1.2
Tetrachlorodibenzo-p-furans	ng/L	EPA8280A	1.1
1,1,1,2-Tetrachloroethane	µg/L	EPA8260B	5.0
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	5.0/1,000

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Analyte	Unit	Method	Minimum/Maximum EQLs
Tetrachloroethylene	µg/L	EPA8260B	5.0/1,000
	µg/L	EPA8021B	0.5/2.5
Thallium	µg/L	EPA6010B	55.0
Tin	µg/L	EPA6010B	70.0
Toluene	µg/L	EPA8260B	5.0/1,000
Total dissolved solids	µg/L	EPA160.1	50,000
Total organic carbon	µg/L	EPA9060	1,000
Total organic halogens	µg/L	EPA9020B	120/600
Total phosphates (as P)	µg/L	EPA365.2	67.0
Toxaphene	µg/L	EPA8081A	5.0/5.3
1,2,4-Trichlorobenzene	µg/L	EPA8270C	10.0/10.6
1,1,1-Trichloroethane	µg/L	EPA8260B	5.0/1,000
	µg/L	EPA8021B	0.5/2.5
1,1,2-Trichloroethane	µg/L	EPA8260B	5.0/1,000
Trichloroethylene	µg/L	EPA8260B	5.0/1,000
	µg/L	EPA8021B	0.5/2.5
Trichlorofluoromethane	µg/L	EPA8260B	5.0/1,000
2,4,5-Trichlorophenol	µg/L	EPA8270C	25.0/26.6
2,4,6-Trichlorophenol	µg/L	EPA8270C	10.0/10.6
1,2,3-Trichloropropane	µg/L	EPA8260B	5.0
Vanadium	µg/L	EPA6010B	6.9
Vinyl acetate	µg/L	EPA8260B	10.0/50.0
Xylenes	µg/L	EPA8260B	5.0/1,000
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 EM

Analyte	Unit	Method	Minimum/Maximum EQLs
Benzene	µg/L	EPA8260B	2.0/10.0
Carbon tetrachloride	µg/L	EPA8260B	2.0/10.0
Chlorobenzene	µg/L	EPA8260B	2.0/10.0
Chloroform	µg/L	EPA8260B	2.0/10.0
1,1-Dichloroethylene	µg/L	EPA8260B	2.0/10.0
Tetrachloroethylene	µg/L	EPA8260B	2.0/10.0
Toluene	µg/L	EPA8260B	2.0/10.0
Total activity	µCi/mL	3Q1-6-1420	1.5E-06
1,1,1-Trichloroethane	µg/L	EPA8260B	2.0/10.0
Trichloroethylene	µg/L	EPA8260B	2.0/10.0

Table 16. Methods and Estimated Quantitation Limits Used by GP

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPIA-013	6.2E-09/1.88E-08
Americium-241	µCi/mL	EPIA-011	2.24E-11/1.27E-08
Antimony-125	µCi/mL	EPIA-013	4.04E-09/9.64E-09
Bismuth-212	µCi/mL	EPIA-013	1.12E-08/3.42E-08
Bismuth-214	µCi/mL	EPIA-013	2.88E-09/1.29E-08
Carbon-14	µCi/mL	EPIA-003	7.69E-09/4.36E-08
Cerium-144	µCi/mL	EPIA-013	1.37E-08/2.0E-08

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Cesium-134	µCi/mL	EPIA-013	1.4E-09/3.62E-09
Cesium-137	µCi/mL	EPIA-013	1.39E-09/4.39E-09
Cobalt-57	µCi/mL	EPIA-013	1.97E-09/2.65E-09
Cobalt-60	µCi/mL	EPIA-013	1.62E-09/4.56E-09
Curium-242	µCi/mL	EPIA-011	2.58E-11/8.68E-09
Curium-243/244	µCi/mL	EPIA-011	2.64E-11/1.43E-08
Curium-245/246	µCi/mL	EPIA-011	2.53E-11/4.78E-09
Europium-152	µCi/mL	EPIA-013	4.42E-09/1.04E-08
Europium-154	µCi/mL	EPIA-013	4.33E-09/1.2E-08
Europium-155	µCi/mL	EPIA-013	4.76E-09/1.4E-08
Gross alpha	µCi/mL	EPIA-001	1.83E-10/1.64E-08
Iodine-129	µCi/mL	EPIA-006	4.23E-10/1.1E-08
Lead-212	µCi/mL	EPIA-013	2.88E-09/8.6E-09
Manganese-54	µCi/mL	EPIA-013	2.06E-09/3.34E-09
Neptunium-237	µCi/mL	EPIA-032	2.48E-11/2.85E-10
Nickel-63	µCi/mL	EPIA-022	1.61E-08/5.01E-08
Nonvolatile beta	µCi/mL	EPIA-001	4.97E-10/1.91E-08
Plutonium-238	µCi/mL	EPIA-011	2.27E-11/6.22E-09
Plutonium-239/240	µCi/mL	EPIA-011	2.74E-11/3.8E-09
Potassium-40	µCi/mL	EPIA-013	1.5E-08/5.37E-08
Promethium-144	µCi/mL	EPIA-013	1.96E-09/3.21E-09
Promethium-146	µCi/mL	EPIA-013	1.94E-09/4.79E-09
Radium, total alpha-emitting	µCi/mL	EPIA-010	2.47E-10/6.22E-10
Radium-226	µCi/mL	EPIA-008	1.68E-10/1.45E-09
Radium-228	µCi/mL	EPIA-009	5.81E-10/2.23E-09
Radon-222	µCi/mL	EPIA-007	3.89E-08/7.57E-08
Ruthenium-106	µCi/mL	EPIA-013	1.87E-08/2.79E-08
Sodium-22	µCi/mL	EPIA-013	2.18E-09/3.3E-09
Strontium-89/90	µCi/mL	EPIA-004	1.16E-09/8.72E-09
Strontium-90	µCi/mL	EPIA-004	3.05E-10/9.91E-09
Technetium-99	µCi/mL	EPIA-005	2.76E-09/3.83E-08
Thallium-208	µCi/mL	EPIA-013	1.89E-09/5.09E-09
Thorium-228	µCi/mL	EPIA-012	2.89E-11/3.66E-09
Thorium-230	µCi/mL	EPIA-012	1.43E-11/1.7E-09
Thorium-232	µCi/mL	EPIA-012	1.78E-11/1.82E-09
Tritium	µCi/mL	EPIA-002	5.22E-07/1.76E-05
Uranium-233/234	µCi/mL	EPIA-011	1.64E-11/7.41E-09
Uranium-235	µCi/mL	EPIA-011	1.65E-11/7.04E-09
Uranium-238	µCi/mL	EPIA-011	2.89E-11/6.52E-09
Yttrium-88	µCi/mL	EPIA-013	2.36E-09/3.91E-09
Zinc-65	µCi/mL	EPIA-013	4.53E-09/6.9E-09

Table 17. Methods and Estimated Quantitation Limits Used by ML

<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Acetone	µg/L	EPA8260B	10.0/4,000
Aluminum	µg/L	EPA6010B	40.0/400
Antimony	µg/L	EPA6010B	20.0/200
Arsenic	µg/L	EPA6010B	20.0
Barium	µg/L	EPA6010B	15.0
Benzene	µg/L	EPA8260B	1.0/400
Beryllium	µg/L	EPA6010B	5.0
Bromodichloromethane	µg/L	EPA8260B	1.0/400
Bromoform	µg/L	EPA8260B	1.0/400
Bromomethane	µg/L	EPA8260B	1.0/400
Cadmium	µg/L	EPA6010B	25.0
Calcium	µg/L	EPA6010B	120

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<i>Analyte</i>	<i>Unit</i>	<i>Method</i>	<i>Minimum/Maximum EQLs</i>
Carbon disulfide	µg/L	EPA8260B	5.0/2,000
Carbon tetrachloride	µg/L	EPA8260B	1.0/400
Chlorobenzene	µg/L	EPA8260B	1.0/400
Chloroethane	µg/L	EPA8260B	1.0/400
Chloroethene	µg/L	EPA8260B	1.0/400
Chloroform	µg/L	EPA8260B	1.0/400
Chloromethane	µg/L	EPA8260B	1.0/400
Chromium	µg/L	EPA6010B	30.0
Cobalt	µg/L	EPA6010B	20.0
Copper	µg/L	EPA6010B	60.0
Cyanide	µg/L	EPA9014	20.0
Dibromochloromethane	µg/L	EPA8260B	1.0/400
1,1-Dichloroethane	µg/L	EPA8260B	1.0/400
1,2-Dichloroethane	µg/L	EPA8260B	1.0/400
1,1-Dichloroethylene	µg/L	EPA8260B	1.0/400
1,2-Dichloroethylene	µg/L	EPA8260B	1.0/100
cis-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/400
trans-1,2-Dichloroethylene	µg/L	EPA8260B	1.0/400
Dichloromethane	µg/L	EPA8260B	10.0/4,000
1,2-Dichloropropane	µg/L	EPA8260B	1.0/400
cis-1,3-Dichloropropene	µg/L	EPA8260B	1.0/400
trans-1,3-Dichloropropene	µg/L	EPA8260B	1.0/400
Ethylbenzene	µg/L	EPA8260B	1.0/400
Gross alpha	µCi/mL	EPIA-001	8.44E-09/9.96E-09
2-Hexanone	µg/L	EPA8260B	5.0/2,000
Iron	µg/L	EPA6010B	40.0
Lead	µg/L	EPA6010B	20.0
Magnesium	µg/L	EPA6010B	185
Manganese	µg/L	EPA6010B	10.0
Mercury	µg/L	EPA7470A	0.2
Methyl ethyl ketone	µg/L	EPA8260B	5.0/2,000
Methyl isobutyl ketone	µg/L	EPA8260B	5.0/2,000
Nickel	µg/L	EPA6010B	60.0
Nonvolatile beta	µCi/mL	EPIA-001	6.55E-09
PCB 1016	µg/L	EPA8082	0.943/1.29
PCB 1221	µg/L	EPA8082	0.943/1.29
PCB 1232	µg/L	EPA8082	0.943/1.29
PCB 1242	µg/L	EPA8082	0.943/1.29
PCB 1248	µg/L	EPA8082	0.943/1.29
PCB 1254	µg/L	EPA8082	0.943/1.29
PCB 1260	µg/L	EPA8082	0.943/1.29
Potassium	µg/L	EPA6010B	1,870
Selenium	µg/L	EPA6010B	40.0
Silver	µg/L	EPA6010B	50.0
Sodium	µg/L	EPA6010B	675/6,750
Styrene	µg/L	EPA8260B	1.0/400
1,1,2,2-Tetrachloroethane	µg/L	EPA8260B	1.0/400
Tetrachloroethylene	µg/L	EPA8260B	1.0/400
Thallium	µg/L	EPA6010B	20.0/200
Toluene	µg/L	EPA8260B	1.0/400
1,1,1-Trichloroethane	µg/L	EPA8260B	1.0/400
1,1,2-Trichloroethane	µg/L	EPA8260B	1.0/400
Trichloroethylene	µg/L	EPA8260B	1.0/400
Tritium	µCi/mL	EPIA-002	5.04E-07/8.54E-07
Vanadium	µg/L	EPA6010B	30.0
Vinyl acetate	µg/L	EPA8260B	5.0/2,000
Xylenes	µg/L	EPA8260B	1.0/400
Zinc	µg/L	EPA6010B	20.0/30.0

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Table 18. Methods and Estimated Quantitation Limits Used by TM

Analyte	Unit	Method	Minimum/Maximum EQLs
Actinium-228	µCi/mL	EPA901.1MOD	1.773E-08/5.779E-08
Antimony-124	µCi/mL	EPA901.1MOD	5.05E-09/1.955E-08
Antimony-125	µCi/mL	EPA901.1MOD	1.131E-08/3.058E-08
Barium-133	µCi/mL	EPA901.1MOD	5.63E-09/1.586E-08
Bismuth-214	µCi/mL	EPA901.1MOD	2.494E-08/2.517E-08
Carbon-14	µCi/mL	ENICMOD	2.2554E-07/2.9082E-07
Cerium-144	µCi/mL	EPA901.1MOD	2.287E-08/5.943E-08
Cesium-134	µCi/mL	EPA901.1MOD	4.14E-09/1.277E-08
Cesium-137	µCi/mL	EPA901.1MOD	4.4E-09/1.678E-08
Cobalt-57	µCi/mL	EPA901.1MOD	2.84E-09/7.38E-09
Cobalt-58	µCi/mL	EPA901.1MOD	4.38E-09/2.021E-08
Cobalt-60	µCi/mL	EPA901.1MOD	4.68E-09/1.626E-08
Europium-152	µCi/mL	EPA901.1MOD	2.919E-08/1.138E-07
Europium-154	µCi/mL	EPA901.1MOD	1.136E-08/4.331E-08
Europium-155	µCi/mL	EPA901.1MOD	7.83E-09/1.972E-08
Gross alpha	µCi/mL	EPA900.0MOD	2.2E-10/2.018E-08
Iodine-129	µCi/mL	EPA902.0MOD	1.2E-09/1.131E-08
Lead-212	µCi/mL	EPA901.1MOD	6.67E-09/2.129E-08
Manganese-54	µCi/mL	EPA901.1MOD	4.19E-09/1.648E-08
Nickel-63	µCi/mL	3500NIEMOD	2.97E-09/1.525E-08
Nonvolatile beta	µCi/mL	EPA900.0MOD	4.4E-10/3.44E-09
Potassium-40	µCi/mL	EPA901.1MOD	3.743E-08/1.958E-07
Promethium-144	µCi/mL	EPA901.1MOD	4.55E-09/1.535E-08
Promethium-146	µCi/mL	EPA901.1MOD	8.67E-09/2.664E-08
Radium, total alpha-emitting	µCi/mL	EPA903.0MOD	3.4E-10/1.14E-09
Radium-228	µCi/mL	EPA904.0MOD	1.01E-09/5.25E-09
Radon-222	µCi/mL	EPA901.1MOD	2.494E-08/2.517E-08
Ruthenium-106	µCi/mL	EPA901.1MOD	4.206E-08/1.374E-07
Sodium-22	µCi/mL	EPA901.1MOD	4.08E-09/1.556E-08
Strontium-90	µCi/mL	EMLSR02MOD	6.6E-10/2.85E-09
Technetium-99	µCi/mL	EICHROMTC1MOD	1.625E-08/2.291E-08
Tin-113	µCi/mL	EPA901.1MOD	5.51E-09/1.812E-08
Tritium	µCi/mL	EPA906.0MOD	7.3E-07/1.4211E-04
Uranium	µg/L	ASTMD5174M	0.03/0.37
Yttrium-88	µCi/mL	EPA901.1MOD	4.07E-09/2.305E-08
Zinc-65	µCi/mL	EPA901.1MOD	9.67E-09/3.664E-08
Zirconium-95	µCi/mL	EPA901.1MOD	8.44E-09/3.446E-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 D-Area Oil Basin project.

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

All third 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 19 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 20 and 21. See tables 12–18 for the estimated quantitation limits that are applicable this quarter.

Intralaboratory Comparisons

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

sample and its duplicate or blind replicate, expressed as a percentage of the mean of those two values. It is calculated as

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

where

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

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

n = the number of pairs of observations.

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

An Adjusted Mean Relative Difference

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

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

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

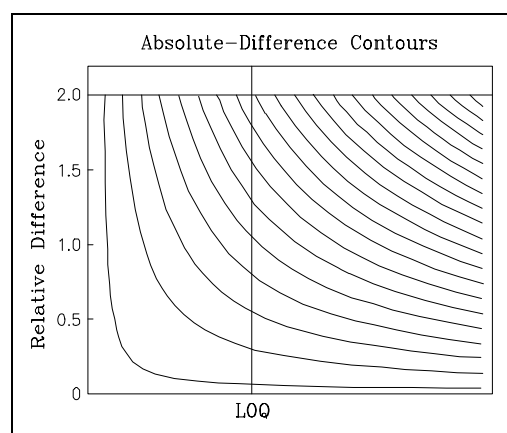


Figure 4. Relative Difference vs. the Mean

The RD_i is an individual term in the MRD calculation for the i^{th} replicated sample. For example, if $x_i = 99$ and $y_i = 101$, then $RD_i = 2\%$. 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 graph-

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

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

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

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

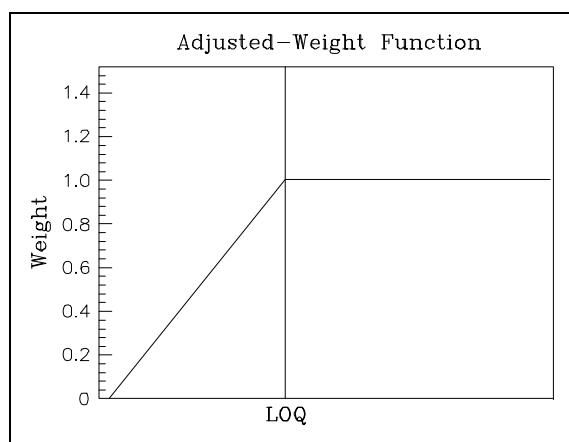


Figure 5. Relationship between w_i and Analyte Concentration

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

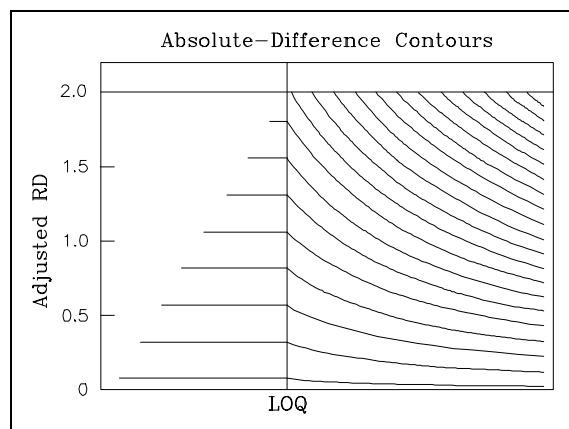


Figure 6. Effect of a Linear-Weight Function on the MRDadj

The MRDadj, then, has the following form:

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

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

Normalizing Data to the Reference Detection Limit

Because some detection limits may be anomalously high (because of dilution or other effects, for example), it is necessary to use a reference detection limit (RDL) in the MRD calculations. This is set as the 90th percentile value of the detection limits of the not-detected samples. All the results less than the RDL are adjusted up to that value. Results that are detection limit values above the RDL are eliminated from the MRD index calculations. By definition, fewer than 10% of the detection limit values are above the RDL. The intralaboratory MRD indices are listed in tables 22–28. Table 24 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 29–35.

Analytes with significance-of-probability values less than .050 (tables 29–35) 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 29–35, 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 36 lists analytes and wells for which samples and blind replicates analyzed by EX yielded results where one was more than twice another.

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

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

Table 39 lists analytes and wells for which samples and laboratory duplicates analyzed by WA yielded results where one was more than twice another.

Table 40 lists analytes and wells for which samples and blind replicates analyzed by GP yielded results where one was more than twice another.

Table 41 lists analytes and wells for which samples and laboratory duplicates analyzed by GP yielded results where one was more than twice another.

Table 42 lists analytes and wells for which samples and blind replicates analyzed by ML yielded results where one was more than twice another.

Table 43 lists analytes and wells for which samples and laboratory duplicates analyzed by ML yielded results where one was more than twice another.

Table 44 lists analytes and wells for which samples and blind replicates analyzed by TM yielded results where one was more than twice another.

Table 45 lists analytes and wells for which samples and laboratory duplicates analyzed by TM yielded results where one was more than twice another.

Tables 46–49 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 third 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

Quality Control Samples

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. EX, GE, WA, ML, and EM all returned results for third quarter 2000 quality control assessments. The laboratories' results and the certified values and limits are listed in tables 50–54.

EX, GE, and WA analyzed total petroleum hydrocarbons by the infrared method and grease and oil by the gravimetric method. The laboratories were requested to report m-cresol and p-cresol as m/p-cresol and m-xylene and p-xylene as m/p-xylene because current analytical methods do not allow them to separate these analytes reliably.

GE did not report results for herbicides because the quality criteria for the analyses were not met and there was insufficient sample remaining for a second extraction. ML did not perform trace metal and mercury analyses, due to the vial not being provided. WA did not report results for acids, base/neutrals, herbicides, and PCBs. EM did not report volatiles. MS second quarter results are attached in an addendum to this report. The third quarter results from MS will be included in the fourth quarter report.

ML does not perform the following analyses: boron, cations, grease and oil, herbicides, inorganics, molybdenum, nutrients, phenols, strontium, total petroleum hydrocarbons, 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.

Ninety-eight analyses were requested of EX, GE, and WA. Sixty-nine analyses were requested of ML. Forty-four analyses 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, 88, or 92.6%, were within the PALs. Of the 73 analyses reported by WA, 69, or 94.5%, were within the PALs. Of the 47 analyses reported by ML, 43, or 91.5%, were within the PALs. Of the 22 analyses reported by EM, 21, or 95.5% were within the PALs.

Laboratory Data Records Review

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

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

The LDRRs for third quarter 2000 were conducted at EX, GE and GP, WA, and ML during December 2000. The LDRR results are summarized below.

Third Quarter 2000 Records Review of EX

In December 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by EX during third quarter 2000. No technical issues of concern were identified during the review.

Third Quarter 2000 Records Review of GE and GP

On December 5–7, 2000, laboratory data records were reviewed for inorganic, organic, and radiological analyses conducted by GE and GP during third quarter 2000. No technical issues of concern were identified during the review.

Quality Control Samples

Third Quarter 2000 Records Review of WA

On December 10–12, 2000, laboratory data records were reviewed for inorganic and organic analyses conducted by WA during third quarter 2000. No technical issues of concern were identified during the review.

Third Quarter 2000 Records Review of ML

The 3Q00 LDRR for ML was conducted December 13–18, 2000. Several items that could improve data quality were found associated with pesticides, PCBs, and gamma spectroscopy. Consequently, the level of effort during validation of 3Q00 data was increased. WSRC is working with the laboratory on possible improvements.

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 55–61 list the statistical information for the percent recovery for laboratory control samples by analyte for EX, GE, WA, EM, 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 62–66 list the statistical information for the percent recovery for the surrogates by analyte for EX, GE, WA, EM, 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 67–72 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 67–72 for EX, GE, WA, EM, 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 73–79 list the statistical information for analytes detected in method blanks for EX, GE, WA, EM, 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.

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Tables 80–85 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 86–90 list the statistical information for the analytes detected in trip blanks by EX, GE, WA, EM, and ML. The *Frequency of Detection* column gives the number of trip blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Equipment Blanks or Rinsates

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

Table 91 lists the statistical information for the analytes detected in equipment blanks for ML. The *Frequency of Detection* column gives the number of equipment blanks analyzed for each analyte during the quarter that had detectable concentrations compared to the total number analyzed. The other columns list the mean result, standard deviation, and minimum and maximum results.

Blanks Results

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

REPRESENTATIVENESS

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

If a well is bailed, VOAs are biased negatively due to aeration of the sample in the sampling process. Table 92 lists the wells that were bailed during third 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 93 lists the wells with metal casings that were sampled during third 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 94 lists the wells that had turbidity results greater than 15 NTU during third 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 12–18 in the **Analytical Data Review** section. Tables 46–49 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 95 and 96 list the reasons the laboratories did not perform certain analyses on samples from wells that could be sampled. For third quarter 2000, only EX and GE 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 19. Wells Providing Blind Replicate Samples and Associated Blanks

<i>Well</i>	<i>Sample Date</i>	<i>Replicate</i>	<i>Associated Blank</i>
AC 3A	09/07/00	QA 25C	QA 26C
AMB 7B	07/28/00	QA 27C	QA 28C
AMB 18A	09/28/00	QA 29C	QA 30C
ARP 3	09/29/00	QA109C	QA110C
ASB 2CR	07/26/00	QA 31C	QA 32C
ASB 9B	07/26/00	QA 33C	QA 34C
BGO 33C	08/31/00	QA 99C	QA100C
BGO 37C	08/15/00	QA 79C	QA 80C
CRP 10D	07/19/00	QA 61C	Not applicable
CRP 16DL	08/07/00	QA 63C	Not applicable
CRP 19C	08/28/00	QA 83C	QA 84C
CRP 21	08/29/00	QA103C	QA104C
CRP 45B	Not sampled	QA105C	QA106C
DOB 15	09/18/00	QA101C	QA102C
FNB 3	09/16/00	QA 91C	QA 92C
FRB 1	09/05/00	QA 93C	QA 94C
FSB 76A	07/05/00	QA 1C	QA 2C
FSB 79B	07/10/00	QA 3C	QA 4C
FSB 96AR	07/17/00	QA 5C	QA 6C
FSB 98AR	07/17/00	QA 7C	QA 8C
FSB111C	07/21/00	QA 9C	QA 10C
FSL 11C	09/27/00	QA107C	QA108C
HSB 65A	07/28/00	QA 11C	QA 12C
HSB 68A	08/02/00	QA 13C	QA 14C
HSB 86B	08/03/00	QA 15C	QA 16C
HSB100C	07/31/00	QA 17C	QA 18C
HSB105C	08/14/00	QA 19C	QA 20C
HSB124AR	08/24/00	QA 21C	QA 22C
HSB146A	08/09/00	QA 23C	QA 24C
LFW 43B	Not sampled	QA 73C	QA 74C
LFW 58D	09/25/00	QA 75C	QA 76C
LFW 74C	Not sampled	QA 71C	QA 72C
MCB 15C	09/26/00	QA 95C	QA 96C
MSB 4B	08/10/00	QA 35C	QA 36C
MSB 12B	08/23/00	QA 37C	QA 38C
MSB 36B	08/30/00	QA 39C	QA 40C
MSB 37B	08/29/00	QA 41C	QA 42C

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Well	Sample Date	Replicate	Associated Blank
MSB 43A	09/10/00	QA 43C	QA 44C
MSB 51B	09/21/00	QA 45C	QA 46C
MSB 62B	08/23/00	QA 47C	QA 48C
MSB 66C	09/19/00	QA 49C	QA 50C
MSB 75B	07/10/00	QA 51C	QA 52C
MSB 83TA	09/09/00	QA 53C	QA 54C
PW 53A	08/11/00	QA 97C	Not applicable
RAC 3	07/14/00	QA 77C	Not applicable
RWM 5	07/14/00	QA 55C	Not applicable
RWM 9	07/17/00	QA 57C	Not applicable
RWM 14C	07/19/00	QA 59C	Not applicable
SSM 10B	07/24/00	QA 65C	Not applicable
SSM 13C	08/08/00	QA 67C	Not applicable
TBG 1	08/29/00	QA 85C	QA 86C
TNX 12D	08/28/00	QA 87C	QA 88C
XSB 1A	08/25/00	QA 89C	QA 90C

Table 20. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GE, WA, EX, and ML

Analyte	<u>Number of Analyses</u> GE	WA	EX	ML
Acenaphthene	1	3	—	—
Acenaphthylene	1	3	—	—
Acetonitrile	—	4	10	—
Acrolein	—	4	10	—
Acrylonitrile	—	4	10	—
Aldrin	1	4	—	—
Allyl chloride	—	4	10	—
Anthracene	1	3	—	—
alpha-Benzene hexachloride	1	4	—	—
beta-Benzene hexachloride	1	4	—	—
delta-Benzene hexachloride	1	4	—	—
Benzo[a]anthracene	1	3	—	—
Benzo[b]fluoranthene	1	3	—	—
Benzo[k]fluoranthene	1	3	—	—
Benzo[g,h,i]perylene	1	3	—	—
Benzo[a]pyrene	1	3	—	—
Bis(2-chloroethoxy) methane	1	3	—	—
Bis(2-chloroethyl) ether	1	3	—	—
Bis(2-chloroisopropyl) ether	1	3	—	—
Boron	3	6	—	—
Bromochloromethane	—	—	10	—
4-Bromophenyl phenyl ether	1	3	—	—
Butylbenzyl phthalate	1	3	—	—
Carbazole	1	3	—	—
Carbon disulfide	1	13	11	26
alpha-Chlordane	1	4	—	—
gamma-Chlordane	1	4	—	—
4-Chloroaniline	1	3	—	—
4-Chloro-m-cresol	1	3	—	—
2-Chloronaphthalene	1	3	—	—
2-Chlorophenol	1	3	—	—
4-Chlorophenyl phenyl ether	1	3	—	—
Chloroprene	—	4	10	—

Quality Control Samples

Analyte	Number of Analyses		WA	EX	ML
	GE				
Chrysene	1		3	—	—
o-Cresol	1		3	—	—
p-Cresol	—		3	—	—
p,p'-DDD	1		4	—	—
p,p'-DDE	1		4	—	—
p,p'-DDT	1		4	—	—
Dibenz[a,h]anthracene	1		3	—	—
Dibenzofuran	1		3	—	—
1,2-Dibromo-3-chloropropane	—		4	10	—
1,2-Dibromoethane	—		4	10	—
Dibromomethane	—		4	10	—
Di-n-butyl phthalate	1		3	—	—
1,2-Dichlorobenzene	1		3	10	—
1,3-Dichlorobenzene	1		3	24	—
1,4-Dichlorobenzene	1		4	24	—
3,3'-Dichlorobenzidine	1		3	—	—
trans-1,4-Dichloro-2-butene	—		4	10	—
2,4-Dichlorophenol	1		3	—	—
1,3-Dichloropropane	—		—	10	—
2,2-Dichloropropane	—		—	10	—
1,1-Dichloropropene	—		—	10	—
Dieldrin	1		4	—	—
Diethyl phthalate	1		3	—	—
2,4-Dimethyl phenol	1		3	—	—
Dimethyl phthalate	1		3	—	—
2,4-Dinitrophenol	1		3	—	—
2,4-Dinitrotoluene	1		3	—	—
2,6-Dinitrotoluene	1		3	—	—
Di-n-octyl phthalate	1		3	—	—
1,4-Dioxane	—		—	10	—
Endosulfan sulfate	1		4	—	—
Endosulfan I	1		4	—	—
Endosulfan II	1		4	—	—
Endrin	1		4	—	—
Endrin aldehyde	1		4	—	—
Endrin ketone	1		4	—	—
Ethyl methacrylate	—		—	10	—
Fluoranthene	1		3	—	—
Fluorene	1		3	—	—
Heptachlor	1		4	—	—
Heptachlor epoxide	1		4	—	—
Heptachlorodibenzo-p-dioxins	12		—	—	—
Heptachlorodibenzo-p-furans	12		—	—	—
Hexachlorobenzene	1		3	—	—
Hexachlorobutadiene	1		3	—	—
Hexachlorocyclopentadiene	1		3	—	—
Hexachlorodibenzo-p-dioxins	12		4	—	—
Hexachlorodibenzo-p-furans	12		4	—	—
Hexachloroethane	1		3	—	—
2-Hexanone	1		13	11	26
1,2,3,4,6,7,8-HPCDD	12		—	—	—
1,2,3,4,6,7,8-HPCDF	12		—	—	—
1,2,3,4,7,8-HXCDD	12		—	—	—
1,2,3,4,7,8-HXCDF	12		—	—	—
Indeno[1,2,3-c,d]pyrene	1		3	—	—
Iodomethane	—		4	10	—
Isobutyl alcohol	—		4	10	—
Isophorone	1		3	—	—
Lindane	1		10	6	—
Methacrylonitrile	—		4	10	—

Quality Control Samples

Analyte	<u>Number of Analyses</u>		EX	ML
	GE	WA		
Methoxychlor	1	4	—	—
2-Methyl-4,6-dinitrophenol	1	3	—	—
Methyl ethyl ketone	1	13	11	26
Methyl isobutyl ketone	1	13	11	26
Methyl methacrylate	—	—	10	—
2-Methylnaphthalene	1	3	—	—
Naphthalene	1	3	—	—
Nitrite as nitrogen	—	2	—	—
m-Nitroaniline	1	3	—	—
o-Nitroaniline	1	3	—	—
p-Nitroaniline	1	3	—	—
Nitrobenzene	1	3	—	—
2-Nitrophenol	1	3	—	—
4-Nitrophenol	1	3	—	—
N-Nitrosodiphenylamine	—	3	—	—
N-Nitrosodipropylamine	1	3	—	—
Octachlorodibenzo-p-dioxin	12	—	—	—
Octachlorodibenzo-p-furan	12	—	—	—
1,2,3,7,8-PCDD	12	—	—	—
1,2,3,7,8-PCDF	12	—	—	—
Pentachlorodibenzo-p-dioxins	12	4	—	—
Pentachlorodibenzo-p-furans	12	4	—	—
Pentachloroethane	—	—	10	—
Pentachlorophenol	1	3	—	—
Phenanthrene	1	3	—	—
Phenol	1	5	6	—
Propionitrile	—	4	10	—
Pyrene	1	3	—	—
Styrene	1	13	11	26
2,3,7,8-TCDD	12	4	—	—
2,3,7,8-TCDF	12	—	—	—
Tetrachlorodibenzo-p-dioxins	12	4	—	—
Tetrachlorodibenzo-p-furans	12	4	—	—
1,1,1,2-Tetrachloroethane	—	4	10	—
Tin	21	9	—	—
Toxaphene	1	4	—	—
1,2,4-Trichlorobenzene	1	3	—	—
2,4,5-Trichlorophenol	1	3	—	—
2,4,6-Trichlorophenol	1	3	—	—
1,2,3-Trichloropropane	—	4	10	—
Vinyl acetate	—	9	11	26
Xylenes	4	22	11	26

— No replicate or duplicate analyses were performed.

Table 21. Analytes Not Showing Measurable Concentrations above Estimated Quantitation Limits in Any Replicated or Duplicated Samples for GP and TM

Analyte	<u>Number of Analyses</u>	
	GP	TM
Antimony-124	—	18
Antimony-125	61	19
Cerium-144	10	18
Cesium-134	61	19
Cobalt-57	10	18

Quality Control Samples

<i>Analyte</i>	<i>Number of Analyses</i>	
	<i>GP</i>	<i>TM</i>
Cobalt-58	—	18
Curium-242	67	—
Europium-154	63	19
Europium-155	61	19
Manganese-54	10	18
Neptunium-237	4	—
Plutonium-239/240	65	—
Promethium-144	10	18
Promethium-146	61	19
Ruthenium-106	10	18
Sodium-22	10	18
Tin-113	—	18
Yttrium-88	10	18
Zinc-65	10	18
Zirconium-95	—	18

— No replicate or duplicate analyses were performed.

Table 22. Intralaboratory MRD Indices for EX

<i>Analyte</i>	<i>RDL</i>	<i>In-house Duplicates</i>		<i>MRDadj</i>	<i>Blind Replicates</i>		<i>MRDadj</i>
		<i>Number of Dup. Pairs</i>	<i>MRD</i>		<i>Number of Dup. Pairs</i>	<i>MRD</i>	
Acetone	20 µg/L	0	—	—	4	0.00	0.00
Aluminum	200 µg/L	0	—	—	14	0.14	0.10
Arsenic	10 µg/L	0	—	—	4	0.00	0.00
Barium	10 µg/L	0	—	—	4	2.27	0.90
Benzene	100 µg/L	0	—	—	14	0.00	0.00
Bromodichloromethane	100 µg/L	0	—	—	14	0.00	0.00
Bromoform	100 µg/L	0	—	—	14	0.00	0.00
Bromomethane	100 µg/L	0	—	—	14	0.00	0.00
Cadmium	10 µg/L	0	—	—	1	0.00	0.00
Carbon tetrachloride	100 µg/L	0	—	—	14	0.00	0.00
Chloride	†	7	0.82	0.82	3	1.19	1.19
Chlorobenzene	100 µg/L	0	—	—	14	0.00	0.00
Chloroethane	100 µg/L	0	—	—	14	0.00	0.00
Chloroethene	100 µg/L	0	—	—	14	0.00	0.00
2-Chloroethyl vinyl ether	100 µg/L	0	—	—	10	0.00	0.00
Chloroform	100 µg/L	0	—	—	14	0.00	0.00
Chloromethane	100 µg/L	0	—	—	14	0.00	0.00
Chromium	10 µg/L	0	—	—	4	0.00	0.00
Cyanide	10 µg/L	11	0.00	0.00	3	0.00	0.00
Dibromochloromethane	100 µg/L	0	—	—	14	0.00	0.00
Dichlorodifluoromethane	5 µg/L	0	—	—	4	0.00	0.00
1,1-Dichloroethane	100 µg/L	0	—	—	14	0.00	0.00
1,2-Dichloroethane	100 µg/L	0	—	—	14	0.00	0.00
1,1-Dichloroethylene	100 µg/L	0	—	—	14	0.00	0.00
cis-1,2-Dichloroethylene	100 µg/L	0	—	—	15	0.00	0.00
trans-1,2-Dichloroethylene	100 µg/L	0	—	—	14	0.00	0.00
Dichloromethane	200 µg/L	0	—	—	14	0.00	0.00
2,4-Dichlorophenoxyacetic acid	0.2 µg/L	0	—	—	3	0.00	0.00
1,2-Dichloropropane	100 µg/L	0	—	—	14	0.00	0.00
cis-1,3-Dichloropropene	100 µg/L	0	—	—	14	0.00	0.00
trans-1,3-Dichloropropene	100 µg/L	0	—	—	14	0.00	0.00
Ethylbenzene	100 µg/L	0	—	—	14	0.00	0.00
Fluoride	200 µg/L	8	0.06	0.06	3	0.00	0.00

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Iron	200 µg/L	0	—	—	14	1.06	0.40
Lead	10 µg/L	0	—	—	5	0.64	0.24
Manganese	10 µg/L	0	—	—	3	0.00	0.00
Mercury	0.5 µg/L	0	—	—	4	0.20	0.15
Nickel	50 µg/L	0	—	—	3	0.00	0.00
Nitrate-nitrite as nitrogen	2,360 µg/L	12	2.27	1.38	5	0.00	0.00
pH	†	2	0.20	0.20	0	—	—
Selenium	10 µg/L	0	—	—	4	0.00	0.00
Silica	†	1	5.48	5.48	0	—	—
Silver	20 µg/L	0	—	—	4	0.00	0.00
Sodium	1,980 µg/L	0	—	—	13	8.21	4.24
Specific conductance	†	2	1.05	1.05	0	—	—
Sulfate	1,420 µg/L	12	1.22	0.54	7	0.00	0.00
Sulfide	1,000 µg/L	5	0.00	0.00	0	—	—
1,1,2,2-Tetrachloroethane	100 µg/L	0	—	—	14	0.00	0.00
Tetrachloroethylene	100 µg/L	0	—	—	15	13.07	13.07
Toluene	100 µg/L	0	—	—	14	0.00	0.00
Total dissolved solids	†	1	0.00	0.00	0	—	—
Total organic carbon	5.0E+03 µg/L	8	0.00	0.00	3	2.99	1.20
Total phosphates (as P)	5.0E+03 µg/L	6	0.00	0.00	3	0.00	0.00
1,1,1-Trichloroethane	100 µg/L	0	—	—	14	0.00	0.00
1,1,2-Trichloroethane	100 µg/L	0	—	—	14	0.00	0.00
Trichloroethylene	5.0E+00 µg/L	0	—	—	16	17.06	16.91
Trichlorofluoromethane	100 µg/L	0	—	—	14	0.00	0.00

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

— No replicate or duplicate analyses could be calculated.

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

Table 23. Intralaboratory MRD Indices for GE

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Acetone	5.0 µg/L	0	—	—	0	—	—
Alkalinity (as CaCO ₃)	12,200 µg/L	1	0.00	0.00	1	0.00	0.00
Aluminum	50.0 µg/L	0	—	—	11	20.86	17.14
Antimony	10.0 µg/L	0	—	—	11	0.00	0.00
Arsenic	5.0 µg/L	0	—	—	10	0.00	0.00
Barium	5.0 µg/L	0	—	—	11	12.82	9.26
Benzene	1.0 µg/L	0	—	—	9	3.26	1.77
Beryllium	5.0 µg/L	0	—	—	11	0.00	0.00
Bis(2-ethylhexyl) phthalate	0.98 µg/L	0	—	—	6	0.00	0.00
Bromodichloromethane	1.0 µg/L	0	—	—	9	0.00	0.00
Bromoform	1.0 µg/L	0	—	—	9	0.00	0.00
Bromomethane	1.0 µg/L	0	—	—	9	0.00	0.00
Cadmium	5.0 µg/L	0	—	—	11	0.00	0.00
Calcium	†	0	—	—	2	20.29	20.29
Carbon tetrachloride	1.0 µg/L	0	—	—	9	0.07	0.07
Chloride	100 µg/L	2	1.97	1.97	2	7.54	7.54
Chlorobenzene	1.0 µg/L	0	—	—	9	0.00	0.00
Chloroethane	1.0 µg/L	0	—	—	9	0.00	0.00
Chloroethene	1.0 µg/L	0	—	—	9	1.06	0.53
2-Chloroethyl vinyl ether	5.0 µg/L	0	—	—	9	0.00	0.00

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Chloroform	1.0 µg/L	0	—	—	9	1.47	1.47
Chloromethane	1.0 µg/L	0	—	—	9	0.00	0.00
Chromium	5.6 µg/L	0	—	—	9	6.93	4.62
Cobalt	5.0 µg/L	0	—	—	11	0.00	0.00
Copper	5.0 µg/L	0	—	—	11	0.00	0.00
Cyanide	5.0 µg/L	22	0.00	0.00	8	0.00	0.00
Dibromochloromethane	1.0 µg/L	0	—	—	9	0.00	0.00
1,1-Dichloroethane	1.0 µg/L	0	—	—	9	0.58	0.21
1,2-Dichloroethane	1.0 µg/L	0	—	—	9	0.00	0.00
1,1-Dichloroethylene	1.0 µg/L	0	—	—	9	0.33	0.17
1,2-Dichloroethylene	†	0	—	—	0	—	—
trans-1,2-Dichloroethylene	1.0 µg/L	0	—	—	9	0.00	0.00
Dichloromethane	5.0 µg/L	0	—	—	9	0.00	0.00
1,2-Dichloropropane	1.0 µg/L	0	—	—	9	0.00	0.00
cis-1,3-Dichloropropene	1.0 µg/L	0	—	—	9	0.00	0.00
trans-1,3-Dichloropropene	1.0 µg/L	0	—	—	9	0.00	0.00
Ethylbenzene	1.0 µg/L	0	—	—	9	0.00	0.00
Fluoride	50.0 µg/L	1	0.00	0.00	1	0.00	0.00
Iron	51.4 µg/L	0	—	—	10	40.00	39.99
Lead	5.0 µg/L	0	—	—	12	4.93	4.02
Lithium	10.0 µg/L	0	—	—	1	0.00	0.00
Magnesium	†	0	—	—	2	14.62	14.62
Manganese	10.0 µg/L	0	—	—	2	31.96	16.68
Mercury	0.2 µg/L	0	—	—	11	0.47	0.47
Nickel	5.0 µg/L	0	—	—	11	10.03	5.68
Nitrate as nitrogen	†	1	3.48	3.48	1	6.09	6.09
Nitrate-nitrite as nitrogen	50.0 µg/L	24	1.08	1.08	14	3.35	3.34
PCB 1016	0.1 µg/L	0	—	—	1	0.00	0.00
PCB 1221	0.1 µg/L	0	—	—	1	0.00	0.00
PCB 1232	0.1 µg/L	0	—	—	1	0.00	0.00
PCB 1242	0.1 µg/L	0	—	—	1	0.00	0.00
PCB 1248	0.1 µg/L	0	—	—	1	0.00	0.00
PCB 1254	0.1 µg/L	0	—	—	1	0.00	0.00
PCB 1260	0.1 µg/L	0	—	—	1	0.00	0.00
pH	†	45	0.83	0.83	13	1.61	1.61
Phenols	5.0 µg/L	12	1.38	0.45	3	0.00	0.00
Potassium	†	0	—	—	2	13.77	13.77
Selenium	5.0 µg/L	0	—	—	11	0.00	0.00
Silver	5.0 µg/L	0	—	—	11	0.00	0.00
Sodium	†	0	—	—	2	6.34	6.34
Specific conductance	†	35	1.57	1.57	13	3.02	3.02
Sulfate	200 µg/L	2	44.36	44.36	2	58.85	58.85
Sulfide	1,000 µg/L	9	0.00	0.00	0	—	—
1,1,2,2-Tetrachloroethane	1.0 µg/L	0	—	—	9	0.00	0.00
Tetrachloroethylene	1.0 µg/L	0	—	—	9	2.34	2.04
Thallium	10.0 µg/L	0	—	—	11	0.00	0.00
Toluene	1.0 µg/L	0	—	—	9	38.53	38.53
Total dissolved solids	†	1	9.23	9.23	1	41.03	41.03
Total organic carbon	†	0	—	—	1	21.56	21.56
Total organic halogens	†	1	17.19	17.19	1	36.88	36.88
Total phosphates (as P)	50.0 µg/L	1	0.00	0.00	1	0.00	0.00
1,1,1-Trichloroethane	1.0 µg/L	0	—	—	9	0.00	0.00
1,1,2-Trichloroethane	1.0 µg/L	0	—	—	9	0.00	0.00
Trichloroethylene	1.0 µg/L	0	—	—	10	2.39	2.22
Trichlorofluoromethane	1.0 µg/L	0	—	—	9	0.17	0.07
Uranium	50.0 µg/L	0	—	—	3	0.00	0.00
Vanadium	10.0 µg/L	0	—	—	10	0.00	0.00
Zinc	10.0 µg/L	0	—	—	11	15.05	6.74

Quality Control Samples

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

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

Table 24. Intralaboratory MRD Matrix Spike Indices for GE

Analyte	RDL	<u>In-house Duplicates</u>		MRD	MRDadj
		Number of Dup. Pairs			
Acenaphthene	†	20		3.23	3.23
Aldrin	†	18		7.75	7.75
Benzene	†	38		1.60	1.60
2-sec-Butyl-4,6-dinitrophenol	†	12		16.47	16.47
Chlorobenzene	†	38		1.63	1.63
4-Chloro-m-cresol	†	18		2.87	2.87
2-Chlorophenol	†	18		3.81	3.81
p,p'-DDT	†	18		5.45	5.45
1,4-Dichlorobenzene	†	20		6.26	6.26
1,1-Dichloroethylene	†	38		2.58	2.58
2,4-Dichlorophenoxyacetic acid	†	16		12.77	12.77
Dieldrin	†	16		5.65	5.65
2,4-Dinitrotoluene	†	20		3.05	3.05
Endrin	†	18		5.76	5.76
Heptachlor	†	18		9.44	9.44
Lindane	†	18		9.14	9.14
4-Nitrophenol	†	18		9.81	9.81
N-Nitrosodipropylamine	†	20		3.59	3.59
PCB 1260	†	22		12.41	12.41
Pentachlorophenol	†	18		3.99	3.99
Phenol	†	18		5.00	5.00
Pyrene	†	20		4.29	4.29
2,4,5-T	†	16		11.22	11.22
Toluene	†	40		1.94	1.94
2,4,5-TP (Silvex)	†	16		15.82	15.82
1,2,4-Trichlorobenzene	†	20		5.02	5.02
Trichloroethylene	†	38		2.66	2.66

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

Table 25. Intralaboratory MRD Indices for WA

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Acetone	10.0 µg/L	2	20.69	20.69	1	0.00	0.00
Alkalinity (as CaCO ₃)	†	0	—	—	0	—	—
Aluminum	146 µg/L	7	0.20	0.20	2	0.00	0.00
Antimony	27.0 µg/L	5	0.00	0.00	1	0.00	0.00
Arsenic	40.0 µg/L	6	0.00	0.00	1	0.00	0.00
Barium	†	5	3.14	3.14	1	4.20	4.20
Benzene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Beryllium	1.6 µg/L	5	0.00	0.00	1	0.00	0.00
Bis(2-ethylhexyl) phthalate	15.2 µg/L	6	15.46	8.65	1	0.00	0.00
Bromodichloromethane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Bromoform	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Bromomethane	50.0 µg/L	6	0.00	0.00	1	0.00	0.00
Cadmium	4.7 µg/L	6	0.00	0.00	1	0.00	0.00
Calcium	†	2	3.28	3.28	1	9.17	9.17
Carbon tetrachloride	25.0 µg/L	7	0.00	0.00	1	0.00	0.00
Chloride	†	3	2.38	2.38	0	—	—
Chlorobenzene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Chloroethane	50.0 µg/L	6	0.00	0.00	1	0.00	0.00
Chloroethene	50.0 µg/L	6	0.00	0.00	1	0.00	0.00
2-Chloroethyl vinyl ether	100 µg/L	4	0.00	0.00	0	—	—
Chloroform	25.0 µg/L	7	0.00	0.00	1	0.00	0.00
Chloromethane	50.0 µg/L	6	0.00	0.00	1	0.00	0.00
Chromium	7.0 µg/L	6	0.00	0.00	1	0.00	0.00
Cobalt	4.5 µg/L	5	0.00	0.00	1	0.00	0.00
Copper	15.0 µg/L	5	0.00	0.00	1	0.00	0.00
Cyanide	15.2 µg/L	1	0.00	0.00	1	0.00	0.00
Dibromochloromethane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Dichlorodifluoromethane	10.0 µg/L	0	—	—	0	—	—
1,1-Dichloroethane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
1,2-Dichloroethane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
1,1-Dichloroethylene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
1,2-Dichloroethylene	1,000 µg/L	3	0.00	0.00	1	0.00	0.00
cis-1,2-Dichloroethylene	5.0 µg/L	0	—	—	0	—	—
trans-1,2-Dichloroethylene	50.0 µg/L	4	0.00	0.00	0	—	—
Dichloromethane	40.8 µg/L	6	0.95	0.29	1	0.00	0.00
2,4-Dichlorophenoxyacetic acid	1.67 µg/L	3	0.00	0.00	0	—	—
1,2-Dichloropropane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
cis-1,3-Dichloropropene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
trans-1,3-Dichloropropene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Ethylbenzene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Fluoride	40.0 µg/L	0	—	—	0	—	—
Iron	74.0 µg/L	6	1.26	1.26	2	0.36	0.20
Lead	47.0 µg/L	5	0.00	0.00	2	0.00	0.00
Lithium	2.7 µg/L	3	0.46	0.37	0	—	—
Magnesium	†	2	2.62	2.62	1	4.46	4.46
Manganese	7.8 µg/L	3	1.91	1.05	1	2.33	1.54
Mercury	0.7 µg/L	5	0.67	0.60	2	0.00	0.00
Nickel	26.0 µg/L	5	0.00	0.00	1	0.00	0.00
Nitrate as nitrogen	†	1	0.00	0.00	0	—	—
Nitrate-nitrite as nitrogen	719 µg/L	9	1.89	1.57	0	—	—
PCB 1016	2.0 µg/L	3	0.00	0.00	1	0.00	0.00
PCB 1221	4.0 µg/L	3	0.00	0.00	1	0.00	0.00
PCB 1232	2.0 µg/L	3	0.00	0.00	1	0.00	0.00
PCB 1242	2.0 µg/L	3	0.00	0.00	1	0.00	0.00
PCB 1248	2.0 µg/L	3	0.00	0.00	1	0.00	0.00
PCB 1254	2.0 µg/L	3	0.00	0.00	1	0.00	0.00
PCB 1260	2.0 µg/L	3	0.00	0.00	1	0.00	0.00
pH	†	8	0.93	0.93	0	—	—
Phenols	37.0 µg/L	2	0.00	0.00	0	—	—
Potassium	187 µg/L	2	0.35	0.24	1	2.66	1.12
Selenium	66.0 µg/L	6	0.00	0.00	1	0.00	0.00
Silver	5.0 µg/L	6	0.00	0.00	1	0.00	0.00
Sodium	†	2	0.38	0.38	1	3.88	3.88
Specific conductance	†	2	2.28	2.28	0	—	—
Sulfate	826 µg/L	3	0.00	0.00	0	—	—
1,1,2,2-Tetrachloroethane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Tetrachloroethylene	25.0 µg/L	7	3.51	1.20	1	0.00	0.00
Thallium	55.0 µg/L	5	0.00	0.00	2	0.00	0.00
Toluene	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Total dissolved solids	†	0	—	—	0	—	—

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Total organic carbon	1,000 µg/L	6	0.00	0.00	0	—	—
Total organic halogens	120 µg/L	3	0.00	0.00	3	0.00	0.00
Total phosphates (as P)	67.0 µg/L	0	—	—	0	—	—
1,1,1-Trichloroethane	25.0 µg/L	7	0.00	0.00	1	0.00	0.00
1,1,2-Trichloroethane	25.0 µg/L	6	0.00	0.00	1	0.00	0.00
Trichloroethylene	5.0 µg/L	17	26.50	26.50	1	0.34	0.34
Trichlorofluoromethane	50.0 µg/L	4	0.00	0.00	0	—	—
Uranium	†	3	6.56	6.56	0	—	—
Vanadium	6.9 µg/L	5	0.00	0.00	1	0.00	0.00
Zinc	53.0 µg/L	5	0.00	0.00	1	0.00	0.00

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

— No replicate or duplicate analyses could be calculated.

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

Table 26. Intralaboratory MRD Indices for GP

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Actinium-228	1.31E-08 µCi/mL	20	0.00	0.00	6	0.00	0.00
Americium-241	3.17E-09 µCi/mL	22	1.28	1.21	7	0.00	0.00
Bismuth-212	2.58E-08 µCi/mL	15	0.87	0.28	6	0.00	0.00
Bismuth-214	7.22E-09 µCi/mL	16	31.20	21.22	6	23.39	9.75
Carbon-14	2.17E-08 µCi/mL	16	10.47	7.95	7	5.70	3.26
Cesium-137	3.08E-09 µCi/mL	21	1.98	0.75	5	5.32	1.73
Cobalt-60	3.28E-09 µCi/mL	20	0.19	0.19	5	0.00	0.00
Curium-243/244	4.23E-09 µCi/mL	22	1.08	0.97	7	0.00	0.00
Curium-245/246	2.22E-09 µCi/mL	22	3.39	1.23	7	5.08	1.85
Europium-152	8.32E-09 µCi/mL	19	0.00	0.00	6	0.00	0.00
Gross alpha	2.85E-09 µCi/mL	38	10.51	8.23	19	0.88	0.57
Iodine-129	4.59E-09 µCi/mL	14	1.98	1.98	7	0.00	0.00
Lead-212	6.06E-09 µCi/mL	20	22.24	10.34	6	16.48	7.60
Nickel-63	2.82E-08 µCi/mL	10	1.42	1.42	3	0.00	0.00
Nonvolatile beta	3.22E-09 µCi/mL	38	9.62	7.14	20	5.45	2.69
Plutonium-238	3.11E-09 µCi/mL	21	0.00	0.00	7	5.76	2.16
Potassium-40	4.08E-08 µCi/mL	21	0.00	0.00	6	0.00	0.00
Radium, total alpha-emitting	6.19E-10 µCi/mL	10	18.90	12.33	4	16.59	9.64
Radium-226	1.04E-09 µCi/mL	23	15.16	9.43	8	24.20	12.84
Radium-228	1.52E-09 µCi/mL	19	5.12	3.49	8	20.51	20.51
Radon-222	†	2	11.14	11.14	1	0.91	0.91
Strontium-89/90	8.29E-09 µCi/mL	5	8.76	8.37	0	—	—
Strontium-90	3.51E-09 µCi/mL	15	8.70	6.06	10	0.54	0.35
Technetium-99	2.2E-08 µCi/mL	13	5.34	2.98	6	0.04	0.04
Thallium-208	3.76E-09 µCi/mL	17	3.13	1.04	6	1.20	0.37
Thorium-228	2.05E-09 µCi/mL	21	0.00	0.00	5	0.00	0.00
Thorium-230	1.42E-09 µCi/mL	23	7.82	3.59	6	0.23	0.07
Thorium-232	7.98E-10 µCi/mL	20	0.00	0.00	5	0.00	0.00
Tritium	6.46E-07 µCi/mL	22	2.50	2.50	14	6.58	5.85
Uranium-233/234	2.04E-09 µCi/mL	22	3.58	3.32	6	0.00	0.00
Uranium-235	1.87E-09 µCi/mL	21	5.54	3.63	7	0.00	0.00
Uranium-238	1.88E-09 µCi/mL	21	1.55	1.55	7	0.00	0.00

Quality Control Samples

† 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 ML

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Acetone	100 µg/L	0	—	—	9	0.00	0.00
Aluminum	400 µg/L	0	—	—	2	0.00	0.00
Antimony	23.4 µg/L	0	—	—	2	0.00	0.00
Arsenic	20 µg/L	0	—	—	2	0.00	0.00
Barium	15 µg/L	0	—	—	2	2.77	0.90
Benzene	10 µg/L	0	—	—	9	0.00	0.00
Beryllium	5 µg/L	0	—	—	2	0.00	0.00
Bromodichloromethane	10 µg/L	0	—	—	9	0.00	0.00
Bromoform	10 µg/L	0	—	—	9	0.00	0.00
Bromomethane	10 µg/L	0	—	—	9	0.00	0.00
Cadmium	25 µg/L	0	—	—	2	0.00	0.00
Calcium	†	0	—	—	2	34.28	34.28
Carbon tetrachloride	10 µg/L	0	—	—	9	0.00	0.00
Chlorobenzene	10 µg/L	0	—	—	9	0.00	0.00
Chloroethane	10 µg/L	0	—	—	9	0.00	0.00
Chloroethene	10 µg/L	0	—	—	9	0.10	0.07
Chloroform	10 µg/L	0	—	—	9	0.00	0.00
Chloromethane	10 µg/L	0	—	—	9	0.00	0.00
Chromium	30 µg/L	0	—	—	2	0.00	0.00
Cobalt	20 µg/L	0	—	—	2	0.00	0.00
Copper	60 µg/L	0	—	—	2	18.03	6.60
Dibromochloromethane	10 µg/L	0	—	—	9	0.00	0.00
1,1-Dichloroethane	10 µg/L	0	—	—	9	0.00	0.00
1,2-Dichloroethane	10 µg/L	0	—	—	9	0.00	0.00
1,1-Dichloroethylene	10 µg/L	0	—	—	9	0.00	0.00
1,2-Dichloroethylene	10 µg/L	0	—	—	5	0.00	0.00
cis-1,2-Dichloroethylene	10 µg/L	0	—	—	5	1.16	1.16
trans-1,2-Dichloroethylene	20 µg/L	0	—	—	6	0.00	0.00
Dichloromethane	100 µg/L	0	—	—	9	0.00	0.00
1,2-Dichloropropane	10 µg/L	0	—	—	9	0.00	0.00
cis-1,3-Dichloropropene	10 µg/L	0	—	—	9	0.00	0.00
trans-1,3-Dichloropropene	10 µg/L	0	—	—	9	0.00	0.00
Ethylbenzene	10 µg/L	0	—	—	9	0.00	0.00
Gross alpha	9.72E-09 µCi/mL	2	36.51	24.85	0	—	—
Iron	51.8 µg/L	0	—	—	2	3.27	1.01
Lead	20 µg/L	0	—	—	2	24.10	9.53
Magnesium	†	0	—	—	2	2.36	2.36
Manganese	13.5 µg/L	0	—	—	2	23.94	9.44
Mercury	0.2 µg/L	0	—	—	2	0.00	0.00
Nickel	60 µg/L	0	—	—	2	0.00	0.00
Potassium	1,870 µg/L	0	—	—	2	0.00	0.00
Selenium	40 µg/L	0	—	—	2	0.00	0.00
Silver	50 µg/L	0	—	—	2	0.00	0.00
Sodium	6,750 µg/L	0	—	—	2	0.00	0.00
1,1,2,2-Tetrachloroethane	10 µg/L	0	—	—	9	0.00	0.00
Tetrachloroethylene	2 µg/L	0	—	—	10	6.16	4.66
Thallium	200 µg/L	0	—	—	2	0.00	0.00
Toluene	10 µg/L	0	—	—	9	0.00	0.00
1,1,1-Trichloroethane	10 µg/L	0	—	—	9	0.00	0.00

Quality Control Samples

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
1,1,2-Trichloroethane	10 µg/L	0	—	—	9	0.00	0.00
Trichloroethylene	1 µg/L	0	—	—	10	7.03	7.03
Tritium	†	3	22.59	22.59	0	—	—
Vanadium	30 µg/L	0	—	—	2	0.00	0.00
Zinc	30 µg/L	0	—	—	2	75.46	75.46

† 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. Intralaboratory MRD Indices for TM

Analyte	RDL	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		Number of Dup. Pairs	MRD	MRDadj	Number of Dup. Pairs	MRD	MRDadj
Actinium-228	5.045E-08 µCi/mL	8	0.00	0.00	0	—	—
Barium-133	1.503E-08 µCi/mL	8	10.30	5.26	0	—	—
Bismuth-214	2.517E-08 µCi/mL	1	0.00	0.00	0	—	—
Carbon-14	2.9082E-07 µCi/mL	1	0.00	0.00	0	—	—
Cesium-137	1.355E-08 µCi/mL	8	0.00	0.00	0	—	—
Cobalt-60	1.397E-08 µCi/mL	8	0.00	0.00	0	—	—
Europium-152	1.052E-07 µCi/mL	8	0.00	0.00	0	—	—
Gross alpha	1.56E-09 µCi/mL	40	12.65	7.54	4	4.83	1.54
Iodine-129	9.68E-09 µCi/mL	7	0.00	0.00	0	—	—
Lead-212	2.005E-08 µCi/mL	8	1.49	0.48	0	—	—
Nickel-63	1.525E-08 µCi/mL	3	0.00	0.00	0	—	—
Nonvolatile beta	1.81E-09 µCi/mL	38	22.75	14.52	4	30.66	19.72
Potassium-40	1.598E-07 µCi/mL	8	0.00	0.00	0	—	—
Radium, total alpha-emitting	1.03E-09 µCi/mL	5	4.80	1.92	0	—	—
Radium-228	5.19E-09 µCi/mL	7	0.00	0.00	0	—	—
Radon-222	2.517E-08 µCi/mL	1	0.00	0.00	0	—	—
Strontium-90	2.09E-09 µCi/mL	8	1.63	0.83	0	—	—
Technetium-99	2.151E-08 µCi/mL	6	3.33	2.05	0	—	—
Tritium	9.099E-05 µCi/mL	41	5.00	4.90	2	49.79	49.79

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

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Tetrachloroethylene	25.0	µg/L	0.00	—
Trichloroethylene	5.0	µg/L	33.08	—

— 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 WA

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Acetone	20.0	µg/L	0.00	—
Aluminum	200	µg/L	2.18	.333
Barium	10.0	µg/L	0.19	.391
Chromium	10.0	µg/L	0.00	—
Dichlorodifluoromethane	10.0	µg/L	0.00	—
1,1-Dichloroethane	100	µg/L	0.00	—
cis-1,2-Dichloroethylene	100	µg/L	0.00	—
Dichloromethane	50.0	µg/L	15.69	.339
2,4-Dichlorophenoxyacetic acid	1.67	µg/L	0.00	—
Fluoride	200	µg/L	0.00	—
Iron	200	µg/L	3.56	.322
Lead	47.0	µg/L	0.00	—
Manganese	10.0	µg/L	0.00	—
Mercury	0.7	µg/L	12.72	.391
Nitrate-nitrite as nitrogen	719	µg/L	6.55	.988
Sodium	1,980	µg/L	11.82	.002
Sulfate	1,420	µg/L	0.00	—
Tetrachloroethylene	100	µg/L	4.18	.334
Total organic carbon	5,000	µg/L	9.69	.423
Total phosphates (as P)	2,500	µg/L	0.00	—
Trichloroethylene	5.0	µg/L	14.23	.253
Trichlorofluoromethane	100	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 less than or equal to 0.05 appear in **bold italic**.

Quality Control Samples

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

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Acetone	10.0	µg/L	0.00	—
Alkalinity (as CaCO ₃)	12,200	µg/L	0.00	—
Aluminum	146	µg/L	12.08	.769
Antimony	27.0	µg/L	0.00	—
Arsenic	40.0	µg/L	0.00	—
Barium	5.0	µg/L	10.01	.074
Benzene	5.0	µg/L	0.00	—
Beryllium	5.0	µg/L	0.00	—
Bis(2-ethylhexyl) phthalate	11.4	µg/L	13.25	.363
Bromodichloromethane	5.0	µg/L	0.00	—
Bromoform	5.0	µg/L	0.00	—
Bromomethane	10.0	µg/L	0.00	—
Cadmium	5.0	µg/L	0.00	—
Carbon tetrachloride	5.0	µg/L	0.00	—
Chloride	100	µg/L	13.37	.488
Chlorobenzene	5.0	µg/L	0.00	—
Chloroethane	10.0	µg/L	0.00	—
Chloroethene	10.0	µg/L	0.00	—
2-Chloroethyl vinyl ether	10.0	µg/L	0.00	—
Chloroform	5.0	µg/L	0.42	.252
Chloromethane	10.0	µg/L	0.00	—
Chromium	7.0	µg/L	7.21	.347
Cobalt	5.0	µg/L	0.00	—
Copper	15.0	µg/L	0.00	—
Cyanide	15.2	µg/L	0.00	—
Dibromochloromethane	5.0	µg/L	0.00	—
1,1-Dichloroethane	5.0	µg/L	1.74	.347
1,2-Dichloroethane	5.0	µg/L	0.00	—
1,1-Dichloroethylene	5.0	µg/L	0.87	.347
1,2-Dichloroethylene	1,000	µg/L	0.00	—
trans-1,2-Dichloroethylene	5.0	µg/L	0.00	—
Dichloromethane	15.3	µg/L	9.54	.343
1,2-Dichloropropane	5.0	µg/L	0.00	—
cis-1,3-Dichloropropene	5.0	µg/L	0.00	—
trans-1,3-Dichloropropene	5.0	µg/L	0.00	—
Ethylbenzene	5.0	µg/L	0.00	—
Fluoride	50.0	µg/L	0.00	—
Iron	74.0	µg/L	26.96	.176
Lead	47.0	µg/L	0.00	—
Lithium	10.0	µg/L	0.00	—
Manganese	10.0	µg/L	21.77	.186
Mercury	0.7	µg/L	1.95	.649
Nickel	26.0	µg/L	0.00	—
Nitrate-nitrite as nitrogen	50.0	µg/L	5.75	.230
PCB 1016	1.19	µg/L	0.00	—
PCB 1221	2.38	µg/L	0.00	—
PCB 1232	1.19	µg/L	0.00	—
PCB 1242	1.19	µg/L	0.00	—
PCB 1248	1.19	µg/L	0.00	—
PCB 1254	1.19	µg/L	0.00	—
PCB 1260	1.19	µg/L	0.00	—
Phenols	37.0	µg/L	0.00	—
Potassium	187	µg/L	3.09	.598
Selenium	66.0	µg/L	0.00	—
Silver	5.0	µg/L	0.00	—

Quality Control Samples

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Sulfate	826	µg/L	27.96	.219
1,1,2,2-Tetrachloroethane	5.0	µg/L	0.00	—
Tetrachloroethylene	25.0	µg/L	0.75	.343
Thallium	55.0	µg/L	0.00	—
Toluene	5.0	µg/L	10.32	.347
Total organic carbon	1,000	µg/L	0.00	—
Total organic halogens	120	µg/L	57.62	—
Total phosphates (as P)	67.0	µg/L	0.00	—
1,1,1-Trichloroethane	5.0	µg/L	0.00	—
1,1,2-Trichloroethane	5.0	µg/L	0.00	—
Trichloroethylene	5.0	µg/L	2.78	.355
Trichlorofluoromethane	5.0	µg/L	0.00	—
Uranium	50.0	µg/L	0.00	—
Vanadium	10.0	µg/L	0.00	—
Zinc	53.0	µg/L	0.07	.347

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

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

Table 32. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for EX and ML

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Acetone	100	µg/L	0.00	—
Aluminum	200	µg/L	0.00	—
Barium	15.0	µg/L	8.32	.500
Chloroethene	25.0	µg/L	0.00	—
1,1-Dichloroethane	50.0	µg/L	0.00	—
1,1-Dichloroethylene	25.0	µg/L	0.00	—
cis-1,2-Dichloroethylene	100	µg/L	0.00	—
Iron	200	µg/L	0.00	—
Lead	20.0	µg/L	13.70	.500
Sodium	6,750	µg/L	0.00	—
Tetrachloroethylene	100	µg/L	10.32	.718
Trichloroethylene	5.0	µg/L	18.22	.136

— 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 less than or equal to 0.05 appear in **bold italic**.

Quality Control Samples

Table 33. Interlaboratory MRD and t-test Results for Analytes with at Least One Pair of Results above the RDL for WA and ML

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Acetone	100	µg/L	0.00	—
Chloroethene	20.0	µg/L	0.00	—
1,2-Dichloroethylene	25.0	µg/L	0.00	—
Dichloromethane	50.0	µg/L	0.00	—
Tetrachloroethylene	25.0	µg/L	0.00	—
Trichloroethylene	5.0	µg/L	63.72	.246

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

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

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

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Actinium-228	3.874E-08	µCi/mL	0.00	—
Cesium-137	1.046E-08	µCi/mL	0.00	—
Cobalt-60	1.067E-08	µCi/mL	0.00	—
Europium-152	7.007E-08	µCi/mL	0.00	—
Gross alpha	2.1E-09	µCi/mL	8.18	.616
Iodine-129	7.75E-09	µCi/mL	0.00	—
Lead-212	1.53E-08	µCi/mL	4.26	.374
Nickel-63	2.65E-08	µCi/mL	0.00	—
Nonvolatile beta	2.98E-09	µCi/mL	23.94	.192
Potassium-40	1.102E-07	µCi/mL	0.00	—
Radium, total alpha-emitting	8.9E-10	µCi/mL	3.63	.306
Radium-228	2.45E-09	µCi/mL	28.60	.684
Radon-222	2.517E-08	µCi/mL	182.95	—
Strontium-90	3.0E-09	µCi/mL	2.13	.343
Technetium-99	2.18E-08	µCi/mL	2.58	.284
Tritium	1.47E-06	µCi/mL	12.60	.312

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

<i>Analyte</i>	<i>RDL</i>	<i>Unit</i>	<i>MRD</i>	<i>t-test Probability</i>
Tritium	9.099E-05	µCi/mL	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 less than or equal to 0.05 appear in **bold italic**.

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

<i>Analyte</i>	<i>Wells</i>
Tetrachloroethylene	MSB 12B
Trichloroethylene	MSB 12B

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

<i>Analyte</i>	<i>Wells</i>
Aluminum	ARP 3, BGO 33C
Barium	ARP 3
Iron	ARP 3, BGO 33C, HSB100C
Nickel	ARP 3
Sulfate	BGO 33C
Toluene	ARP 3, BGO 33C
Zinc	BGO 33C

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

<i>Analyte</i>	<i>Wells</i>
Sulfate	BGO 33C

Table 39. WA Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

<i>Analyte</i>	<i>Wells</i>
Bis(2-ethylhexyl) phthalate	HSB105C
Trichloroethylene	CRP 18D, CRP 20CL

Quality Control Samples

Table 40. GP Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Bismuth-214	FSB 98AR
Lead-212	FRB 1
Nonvolatile beta	MSB 62B
Radium-226	FSB 96AR, TBG 1
Radium-228	FSB 98AR

Table 41. GP Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Bismuth-214	FSB 99A, FSB112D
Gross alpha	FRB 1
Lead-212	FIN 2TK, FSB 79, FSB112D, FSB120C, HIN600TK
Radium-226	RWM 3
Thorium-230	HSB100C

Table 42. ML Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

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

Table 43. ML Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Gross alpha	LFW 64C

Table 44. TM Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Nonvolatile beta	BGO 37C
Tritium	BGO 37C

Quality Control Samples

Table 45. TM Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Barium-133	HSB105C
Gross alpha	TIR 2
Nonvolatile beta	BGO 35C, HSB105C
Tritium	BGO 37C

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

Analyte	Wells
Aluminum	ARP 3
Bis(2-ethylhexyl) phthalate	HSB105C
Dichloromethane	ARP 3
Iron	ARP 3, BGO 33C, HSB100C, HSB102D
Toluene	BGO 33C

Table 47. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between WA and ML

Analyte	Wells
Trichloroethylene	SSM 13C, SSM 17B

Table 48. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between WA and EX

Analyte	Wells
Dichloromethane	MSB 12B
Trichloroethylene	MSB 12B

Table 49. Analytes with One Laboratory's Result Greater Than Twice the Result from the Other Laboratory between GP and TM

Analyte	Wells
Nonvolatile beta	FSB 96AR, FSB 98AR, HSB105C
Radium-228	FNB 3, FSB 98AR
Radon-222	TBG 1
Tritium	BGO 37C

Quality Control Samples

Table 50. Quality Control Standards for Selected Analyses for EX

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Acids (Lot 590)				
2-Chlorophenol (µg/L)	88.8	36.5–99.8	61.0	
o-Cresol (2-Methylphenol) (µg/L)	133	42.3–154	96.0	
Pentachlorophenol (µg/L)	93.6	29.1–118	68.0	
2,4,5-Trichlorophenol (µg/L)	82.1	32.3–94.9	59.0	
2,4,6-Trichlorophenol (µg/L)	72.8	31.4–83.4	51.0	
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	40.0	
Bis(2-ethylhexyl) phthalate (µg/L)	50.1	20.2–63.9	38.0	
Chrysene (µg/L)	39.9	18.4–48.9	33.0	
Dibenzofuran (µg/L)	30.2	14.4–33.5	25.0	
1,2-Dichlorobenzene (µg/L)	120	28.1–137	85.0	
Diethylphthalate (µg/L)	50.4	12.1–65.0	3.10◆	J
2,4-Dinitrotoluene (µg/L)	134	56.1–154	100	
2,6-Dinitrotoluene (µg/L)	97.6	50.1–111	68.0	
Naphthalene (µg/L)	145	51.4–165	84.0	
N-Nitrosodi-n-propylamine (µg/L)	110	46.5–135	86.0	
Phenanthrene (µg/L)	73.2	39.6–84.3	55.0	
Pyrene (µg/L)	27.9	13.0–33.9	22.0	
1,2,4-Trichlorobenzene (µg/L)	123	35.9–140	81.0	
Cations (Lot 442)				
Calcium (µg/L)	19,500	17,600–21,500	20,000	
Magnesium (µg/L)	15,900	14,200–17,600	16,400	
Potassium (µg/L)	28,200	25,700–30,700	28,200	
Sodium (µg/L)	22,300	19,600–25,000	23,000	
Cyanide and Phenol (Lot 9989)				
Cyanide, total (µg/L)	785	573–997	719	
Phenols (µg/L)	377	286–467	362	J
Grease and Oil (Lot 99102)				
Grease and oil (gravimetric) (mg/bottle)	17.8	10.7–22.2	14.1	
Herbicides (Lot 3230)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	15.1	4.95–19.5	10.0	
2,4-Dichlorophenoxyacetic acid (µg/L)	9.27	4.64–13.9	5.4	
2,4,5-TP (Silvex) (µg/L)	14.7	7.35–22.1	15.0	
Inorganics (Lot 3438)				
Alkalinity (as CaCO ₃) (µg/L)	79,000	73,500–88,900	80,500	
Bromide (µg/L)	255	227–288	294◆	J
Chloride (µg/L)	6,010	5,340–6,780	5,880	
Fluoride (µg/L)	2,890	2,600–3,180	3,130	
Nitrate as nitrogen (µg/L)	9,060	8,150–10,000	8,990	
pH (pH units)	9.13	8.93–9.33	9.14	
Potassium (µg/L)	31,300	26,900–36,500	28,600	
Sodium (µg/L)	66,500	60,100–73,700	61,900	
Specific conductance (µS/cm)	383	320–436	391	
Sulfate (µg/L)	54,900	47,000–62,000	49,700	
Total dissolved solids (µg/L)	353,000	289,000–395,000	360,000	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Nutrients (Lot 99102)				
Ammonia as nitrogen (µg/L)	17,800	14,900–20,600	17,400	
Nitrate-nitrite as nitrogen (µg/L)	5,390	4,800–5,990	5,350	
Total phosphates (as P) (µg/L)	2,360	2,010–2,720	2,440	
PCBs (Lot 584)				
PCB 1248 (µg/L)	5.35	2.87–6.92	4.50	
Pesticides (Lot 3229)				
Aldrin (µg/L)	1.12	0.616–1.62	0.98	
Dieldrin (µg/L)	1.27	0.699–1.84	1.20	
Endrin (µg/L)	0.631	0.442–0.82	0.62	
Heptachlor (µg/L)	1.79	0.985–2.60	1.40	
Heptachlor epoxide (µg/L)	0.953	0.524–1.38	0.97	
Lindane (µg/L)	1.02	0.561–1.48	1.10	
Methoxychlor (µg/L)	20.7	11.4–30.0	20.0	
Total Petroleum Hydrocarbons (Lot 8922)				
Total petroleum hydrocarbons, infrared (mg/L)	54.6	34.0–70.8	280◆	
Toxaphene (Lot 3229)				
Toxaphene (µg/L)	8.18	4.50–11.9	5.8	
Trace Metals (Lot 99101)				
Aluminum (µg/L)	797	654–940	824	
Antimony (µg/L)	254	191–300	251	
Arsenic (µg/L)	388	291–458	382	
Barium (µg/L)	791	649–933	771	
Beryllium (µg/L)	456	374–538	448	
Boron (µg/L)	242	198–301	254	
Cadmium (µg/L)	167	137–197	158	
Chromium (µg/L)	493	404–581	495	
Cobalt (µg/L)	954	782–1,130	970	
Copper (µg/L)	86.6	71.0–102	81.3	
Iron (µg/L)	1,240	1,020–1,460	1,240	
Lead (µg/L)	605	496–714	592	
Manganese (µg/L)	571	468–674	558	
Mercury (µg/L)	5.97	4.47–7.46	6.05	
Molybdenum (µg/L)	548	449–646	536	
Nickel (µg/L)	2,490	2,050–2,940	2,480	
Selenium (µg/L)	1,480	1,110–1,750	1,440	
Silver (µg/L)	513	421–606	516	
Strontium (µg/L)	256	210–302	247	
Thallium (µg/L)	321	241–379	321	
Vanadium (µg/L)	228	187–269	236	
Zinc (µg/L)	1,340	1,100–1,580	1,320	
Turbidity (Lot 3432)				
Turbidity (NTU)	1.50	1.28–1.75	1.95◆	
Volatiles (Lot 587)				
Benzene (µg/L)	62.2	48.2–77.5	62.0	
Bromodichloromethane (µg/L)	15.8	12.1–19.6	16.0	
Bromoform (µg/L)	76.4	55.9–98.3	82.0	
Carbon tetrachloride (µg/L)	108	79.3–134	100	
Chlorobenzene (µg/L)	16.0	12.5–19.1	15.0	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	EX Result	Functional Guideline Code
Dibromochloromethane (µg/L)	97.1	75.6–120	100.0	
Chloroform (µg/L)	63.8	49.0–78.0	65.0	
1,2-Dichlorobenzene (µg/L)	56.8	43.2–69.8	56.0	
1,3-Dichlorobenzene (µg/L)	49.9	38.2–60.1	49.0	
1,4-Dichlorobenzene (µg/L)	110	82.6–134	110	
1,1-Dichloroethane (µg/L)	25.5	18.3–32.4	27.0	
1,2-Dichloroethane (µg/L)	137	107–173	130	
Dichloromethane (Methylene chloride) (µg/L)	83.7	59.2–109	86.0	
1,2-Dichloropropane	24.3	18.3–29.8	24.0	
Ethylbenzene (µg/L)	63.4	47.4–74.0	60.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	59.4	34.4–81.1	61.0	
Styrene	36.8	25.6–44.8	35.0	
Tetrachloroethylene (µg/L)	36.7	27.1–44.3	35.0	
Toluene (µg/L)	132	102–159	130	
1,1,1-Trichloroethane (µg/L)	85.4	61.7–102	84.0	
Trichloroethylene (µg/L)	85.9	63.8–104	87.0	
p-Xylene (µg/L)	144	93.2–181	140	

◆ Result is out of range.

J The analytical result is an estimated quantity.

Table 51. Quality Control Standards for Selected Analyses for GE

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Acids (Lot 590)				
2-Chlorophenol (µg/L)	88.8	36.5–99.8	65.8	
o-Cresol (2-Methylphenol) (µg/L)	133	42.3–154	99.1	
Pentachlorophenol (µg/L)	93.6	29.1–118	71.7	
2,4,5-Trichlorophenol (µg/L)	82.1	32.3–94.9	70.5	
2,4,6-Trichlorophenol (µg/L)	72.8	31.4–83.4	56.6	
Base/Neutrals (Lot 590)				
Anthracene (µg/L)	65.3	30.8–76.1	56.8	
Benzo[a]anthracene (µg/L)	56.8	23.8–67.5	45.6	
Bis(2-ethylhexyl) phthalate (µg/L)	50.1	20.2–63.9	49.2	
Chrysene (µg/L)	39.9	18.4–48.9	32.2	
Dibenzofuran (µg/L)	30.2	14.4–33.5	24.4	
1,2-Dichlorobenzene (µg/L)	120	28.1–137	91.3	
Diethylphthalate (µg/L)	50.4	12.1–65.0	14.9	
2,4-Dinitrotoluene (µg/L)	134	56.1–154	103	
2,6-Dinitrotoluene (µg/L)	97.6	50.1–111	71.3	
Naphthalene (µg/L)	145	51.4–165	103	
N-Nitrosodi-n-propylamine (µg/L)	110	46.5–135	84.6	
Phenanthrene (µg/L)	73.2	39.6–84.3	57.3	
Pyrene (µg/L)	27.9	13.0–33.9	24.2	
1,2,4-Trichlorobenzene (µg/L)	123	35.9–140	92.9	
Cations (Lot 442)				
Calcium (µg/L)	19,500	17,600–21,500	18,400	
Magnesium (µg/L)	15,900	14,200–17,600	14,600	
Potassium (µg/L)	28,200	25,700–30,700	26,600	
Sodium (µg/L)	22,300	19,600–25,000	21,900	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Cyanide and Phenol (Lot 9989)				
Cyanide, total (µg/L)	785	573–997	790	
Phenols (µg/L)	377	286–467	391	
Grease and Oil (Lot 99102)				
Grease and oil (gravimetric) (mg/bottle)	17.8	10.7–22.2	11.2	
Herbicides (Lot 3230)				
2-sec-Butyl-4,6-dinitrophenol (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	81,400	
Bromide (µg/L)	255	227–288	315◆	
Chloride (µg/L)	6,010	5,340–6,780	5,510	
Fluoride (µg/L)	2,890	2,600–3,180	2,780	
Nitrate as nitrogen (µg/L)	9,060	8,150–10,000	9,260	
pH (pH units)	9.13	8.93–9.33	9.14	
Potassium (µg/L)	31,300	26,900–36,500	29,900	
Sodium (µg/L)	66,500	60,100–73,700	69,100	
Specific conductance (µS/cm)	383	320–436	413	
Sulfate (µg/L)	54,900	47,000–62,000	54,600	
Total dissolved solids (µg/L)	353,000	289,000–395,000	328,000	
Nutrients (Lot 99102)				
Ammonia as nitrogen (µg/L)	17,800	14,900–20,600	16,300	
Nitrate-nitrite as nitrogen (µg/L)	5,390	4,800–5,990	5,380	
Total phosphates (as P) (µg/L)	2,360	2,010–2,720	2,080	
PCBs (Lot 584)				
PCB 1248 (µg/L)	5.35	2.87–6.92	4.90	
Pesticides (Lot 3229)				
Aldrin (µg/L)	1.12	0.616–1.62	0.879	
Dieldrin (µg/L)	1.27	0.699–1.84	1.11	
Endrin (µg/L)	0.631	0.442–0.82	0.578	
Heptachlor (µg/L)	1.79	0.985–2.60	1.57	
Heptachlor epoxide (µg/L)	0.953	0.524–1.38	0.833	
Lindane (µg/L)	1.02	0.561–1.48	0.834	
Methoxychlor (µg/L)	20.7	11.4–30.0	18.9	
Total Petroleum Hydrocarbons (Lot 8922)				
Total petroleum hydrocarbons, infrared (mg/L)	54.6	34.0–70.8	30.2◆	
Toxaphene (Lot 3229)				
Toxaphene (µg/L)	8.18	4.50–11.9	4.0◆	
Trace Metals (Lot 99101)				
Aluminum (µg/L)	797	654–940	814	
Antimony (µg/L)	254	191–300	248	
Arsenic (µg/L)	388	291–458	365	
Barium (µg/L)	791	649–933	797	
Beryllium (µg/L)	456	374–538	426	
Boron (µg/L)	242	198–301	261	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	GE Result	Functional Guideline Code
Cadmium (µg/L)	167	137–197	154	
Chromium (µg/L)	493	404–581	480	
Cobalt (µg/L)	954	782–1,130	918	
Copper (µg/L)	86.6	71.0–102	84.1	
Iron (µg/L)	1,240	1,020–1,460	1,200	
Lead (µg/L)	605	496–714	571	
Manganese (µg/L)	571	468–674	551	
Mercury (µg/L)	5.97	4.47–7.46	4.84	
Molybdenum (µg/L)	548	449–646	551	
Nickel (µg/L)	2,490	2,050–2,940	2,390	
Selenium (µg/L)	1,480	1,110–1,750	1,400	
Silver (µg/L)	513	421–606	505	
Strontium (µg/L)	256	210–302	260	
Thallium (µg/L)	321	241–379	305	
Vanadium (µg/L)	228	187–269	222	
Zinc (µg/L)	1,340	1,100–1,580	1,280	
Turbidity (Lot 3432)				
Turbidity (NTU)	1.50	1.28–1.75	1.46	
Volatiles (Lot 587)				
Benzene (µg/L)	62.2	48.2–77.5	64.1	
Dibromochloromethane (µg/L)	15.8	12.1–19.6	17.9	
Bromoform (µg/L)	76.4	55.9–98.3	102◆	
Carbon tetrachloride (µg/L)	108	79.3–134	108	
Chlorobenzene (µg/L)	16.0	12.5–19.1	17.9	
Chlorodibromomethane (µg/L)	97.1	75.6–120	120	
Chloroform (µg/L)	63.8	49.0–78.0	68.2	
1,2-Dichlorobenzene (µg/L)	56.8	43.2–69.8	71.1◆	
1,3-Dichlorobenzene (µg/L)	49.9	38.2–60.1	59.2	
1,4-Dichlorobenzene (µg/L)	110	82.6–134	136◆	
1,1-Dichloroethane (µg/L)	25.5	18.3–32.4	26.7	
1,2-Dichloroethane (µg/L)	137	107–173	145	
Dichloromethane (Methylene chloride) (µg/L)	83.7	59.2–109	83.5	
1,2-Dichloropropane	24.3	18.3–29.8	27.0	
Ethylbenzene (µg/L)	63.4	47.4–74.0	69.0	
4-Methyl-2-pentanone (MIBK) (µg/L)	59.4	34.4–81.1	96.5◆	
Styrene	36.8	25.6–44.8	44.5	
Tetrachloroethylene (µg/L)	36.7	27.1–44.3	37.9	
Toluene (µg/L)	132	102–159	139	
1,1,1-Trichloroethane (µg/L)	85.4	61.7–102	87.4	
Trichloroethylene (µg/L)	85.9	63.8–104	91.4	
p-Xylene (µg/L)	144	93.2–181	160	

❖ Value not reported by laboratory.

◆ Result is out of range.

Table 52. Quality Control Standards for Selected Analyses for WA

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Acids (Lot 590)				
2-Chlorophenol (µg/L)	88.8	36.5–99.8	❖	
o-Cresol (2-Methylphenol) (µg/L)	133	42.3–154	❖	
Pentachlorophenol (µg/L)	93.6	29.1–118	❖	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
2,4,5-Trichlorophenol (µg/L)	82.1	32.3–94.9	❖	
2,4,6-Trichlorophenol (µg/L)	72.8	31.4–83.4	❖	
Base/Neutrals (Lot 590)				
Anthracene (µg/L)	65.3	30.8–76.1	❖	
Benzo[a]anthracene (µg/L)	56.8	23.8–67.5	❖	
Bis(2-ethylhexyl) phthalate (µg/L)	50.1	20.2–63.9	❖	
Chrysene (µg/L)	39.9	18.4–48.9	❖	
Dibenzofuran (µg/L)	30.2	14.4–33.5	❖	
1,2-Dichlorobenzene (µg/L)	120	28.1–137	❖	
Diethylphthalate (µg/L)	50.4	12.1–65.0	❖	
2,4-Dinitrotoluene (µg/L)	134	56.1–154	❖	
2,6-Dinitrotoluene (µg/L)	97.6	50.1–111	❖	
Naphthalene (µg/L)	145	51.4–165	❖	
N-Nitrosodi-n-propylamine (µg/L)	110	46.5–135	❖	
Phenanthrene (µg/L)	73.2	39.6–84.3	❖	
Pyrene (µg/L)	27.9	13.0–33.9	❖	
1,2,4-Trichlorobenzene (µg/L)	123	35.9–140	❖	
Cations (Lot 442)				
Calcium (µg/L)	19,500	17,600–21,500	19,900	
Magnesium (µg/L)	15,900	14,200–17,600	16,300	
Potassium (µg/L)	28,200	25,700–30,700	28,800	
Sodium (µg/L)	22,300	19,600–25,000	22,000	
Cyanide and Phenol (Lot 9989)				
Cyanide, total (µg/L)	785	573–997	729	
Phenols (µg/L)	377	286–467	369	
Grease and Oil (Lot 99102)				
Grease and oil (gravimetric) (mg/bottle)	17.8	10.7–22.2	12.3	
Herbicides (Lot 3230)				
2-sec-Butyl-4,6-dinitrophenol (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	82,200	
Bromide (µg/L)	255	227–288	193 ♦	
Chloride (µg/L)	6,010	5,340–6,780	6,650	
Fluoride (µg/L)	2,890	2,600–3,180	3,260 ♦	
Nitrate as nitrogen (µg/L)	9,060	8,150–10,000	9,140	
pH (pH units)	9.13	8.93–9.33	9.73 ♦	
Potassium (µg/L)	31,300	26,900–36,500	30,100	
Sodium (µg/L)	66,500	60,100–73,700	63,100	
Specific conductance (µS/cm)	383	320–436	369	
Sulfate (µg/L)	54,900	47,000–62,000	54,600	
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	15,400	
Nitrate-nitrite as nitrogen (µg/L)	5,390	4,800–5,990	5,340	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
Total phosphates (as P) (µg/L)	2,360	2,010–2,720	2,120	
PCBs (Lot 584)				
PCB 1248 (µg/L)	5.35	2.87–6.92	❖	
Pesticides (Lot 3229)				
Aldrin (µg/L)	1.12	0.616–1.62	0.80	
Dieldrin (µg/L)	1.27	0.699–1.84	1.11	
Endrin (µg/L)	0.631	0.442–0.82	0.65	
Heptachlor (µg/L)	1.79	0.985–2.60	1.35	
Heptachlor epoxide (µg/L)	0.953	0.524–1.38	0.71	
Lindane (µg/L)	1.02	0.561–1.48	0.75	
Methoxychlor (µg/L)	20.7	11.4–30.0	15.9	
Total Petroleum Hydrocarbons (Lot 8922)				
Total petroleum hydrocarbons, infrared (mg/L)	54.6	34.0–70.8	31.9	J
Toxaphene (Lot 3229)				
Toxaphene (µg/L)	8.18	4.50–11.9	8.41	
Trace Metals (Lot 99101)				
Aluminum (µg/L)	797	654–940	840	
Antimony (µg/L)	254	191–300	263	
Arsenic (µg/L)	388	291–458	386	
Barium (µg/L)	791	649–933	794	
Beryllium (µg/L)	456	374–538	451	
Boron (µg/L)	242	198–301	275	
Cadmium (µg/L)	167	137–197	167	
Chromium (µg/L)	493	404–581	500	
Cobalt (µg/L)	954	782–1,130	996	
Copper (µg/L)	86.6	71.0–102	87.2	
Iron (µg/L)	1,240	1,020–1,460	1,260	
Lead (µg/L)	605	496–714	619	
Manganese (µg/L)	571	468–674	595	
Mercury (µg/L)	5.97	4.47–7.46	6.59	
Molybdenum (µg/L)	548	449–646	554	
Nickel (µg/L)	2,490	2,050–2,940	2,530	
Selenium (µg/L)	1,480	1,110–1,750	1,510	
Silver (µg/L)	513	421–606	502	
Strontium (µg/L)	256	210–302	257	
Thallium (µg/L)	321	241–379	335	
Vanadium (µg/L)	228	187–269	231	
Zinc (µg/L)	1,340	1,100–1,580	1,360	
Turbidity (Lot 3432)				
Turbidity (NTU)	1.50	1.28–1.75	1.96◆	
Volatiles (Lot 587)				
Benzene (µg/L)	62.2	48.2–77.5	67.4	
Bromodichloromethane (µg/L)	15.8	12.1–19.6	17.7	
Bromoform (µg/L)	76.4	55.9–98.3	83.3	
Carbon tetrachloride (µg/L)	108	79.3–134	118	
Chlorobenzene (µg/L)	16.0	12.5–19.1	18	
Dibromochloromethane (µg/L)	97.1	75.6–120	101	
Chloroform (µg/L)	63.8	49.0–78.0	74.2	
1,2-Dichlorobenzene (µg/L)	56.8	43.2–69.8	61.4	
1,3-Dichlorobenzene (µg/L)	49.9	38.2–60.1	53.2	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	WA Result	Functional Guideline Code
1,4-Dichlorobenzene (µg/L)	110	82.6–134	125	
1,1-Dichloroethane (µg/L)	25.5	18.3–32.4	❖	
1,2-Dichloroethane (µg/L)	137	107–173	156	
Dichloromethane (Methylene chloride) (µg/L)	83.7	59.2–109	78.8	
1,2-Dichloropropane	24.3	18.3–29.8	25.4	
Ethylbenzene (µg/L)	63.4	47.4–74.0	73.1	
4-Methyl-2-pentanone (MIBK) (µg/L)	59.4	34.4–81.1	39.2	
Styrene	36.8	25.6–44.8	36.9	
Tetrachloroethylene (µg/L)	36.7	27.1–44.3	33.1	
Toluene (µg/L)	132	102–159	146	
1,1,1-Trichloroethane (µg/L)	85.4	61.7–102	95.4	
Trichloroethylene (µg/L)	85.9	63.8–104	95.2	
p-Xylene (µg/L)	144	93.2–181	171	

❖ Value not reported by laboratory.

◆ Result is out of range.

J The analytical result is an estimated quantity.

Table 53. Quality Control Standards for Selected Analyses for EM

Analyte	Certified Value	Performance Acceptance Limits	EM Result	Functional Guideline Code
Acids (Lot 590)				
2-Chlorophenol (µg/L)	88.8	36.5–99.8	†	
o-Cresol (2-Methylphenol) (µg/L)	133	42.3–154	†	
Pentachlorophenol (µg/L)	93.6	29.1–118	†	
2,4,5-Trichlorophenol (µg/L)	82.1	32.3–94.9	†	
2,4,6-Trichlorophenol (µg/L)	72.8	31.4–83.4	†	
Base/Neutrals (Lot 590)				
Anthracene (µg/L)	65.3	30.8–76.1	†	
Benzo[a]anthracene (µg/L)	56.8	23.8–67.5	†	
Bis(2-ethylhexyl) phthalate (µg/L)	50.1	20.2–63.9	†	
Chrysene (µg/L)	39.9	18.4–48.9	†	
Dibenzofuran (µg/L)	30.2	14.4–33.5	†	
1,2-Dichlorobenzene (µg/L)	120	28.1–137	†	
Diethylphthalate (µg/L)	50.4	12.1–65.0	†	
2,4-Dinitrotoluene (µg/L)	134	56.1–154	†	
2,6-Dinitrotoluene (µg/L)	97.6	50.1–111	†	
Naphthalene (µg/L)	145	51.4–165	†	
N-Nitrosodi-n-propylamine (µg/L)	110	46.5–135	†	
Phenanthrene (µg/L)	73.2	39.6–84.3	†	
Pyrene (µg/L)	27.9	13.0–33.9	†	
1,2,4-Trichlorobenzene (µg/L)	123	35.9–140	†	
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	†	
Phenols (µg/L)	377	286–467	†	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	EM Result	Functional Guideline Code
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-dinitrophenol (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	†	
Pesticides (Lot 3229)				
Aldrin (µg/L)	1.12	0.616–1.62	†	
Dieldrin (µg/L)	1.27	0.699–1.84	†	
Endrin (µg/L)	0.631	0.442–0.82	†	
Heptachlor (µg/L)	1.79	0.985–2.60	†	
Heptachlor epoxide (µg/L)	0.953	0.524–1.38	†	
Lindane (µg/L)	1.02	0.561–1.48	†	
Methoxychlor (µg/L)	20.7	11.4–30.0	†	
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	764.6	
Antimony (µg/L)	254	191–300	285.4	
Arsenic (µg/L)	388	291–458	378.7	
Barium (µg/L)	791	649–933	845.5	
Beryllium (µg/L)	456	374–538	443.2	
Boron (µg/L)	242	198–301	249.9	
Cadmium (µg/L)	167	137–197	173.5	
Chromium (µg/L)	493	404–581	500.8	
Cobalt (µg/L)	954	782–1,130	1,020	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	EM Result	Functional Guideline Code
Copper (µg/L)	86.6	71.0–102	87.8	
Iron (µg/L)	1,240	1,020–1,460	1,262	
Lead (µg/L)	605	496–714	631.5	
Manganese (µg/L)	571	468–674	590.6	
Mercury (µg/L)	5.97	4.47–7.46	7.053	
Molybdenum (µg/L)	548	449–646	552.8	
Nickel (µg/L)	2,490	2,050–2,940	2,562	
Selenium (µg/L)	1,480	1,110–1,750	1,437	
Silver (µg/L)	513	421–606	529.2	
Strontium (µg/L)	256	210–302	185.6◆	
Thallium (µg/L)	321	241–379	326.7	
Vanadium (µg/L)	228	187–269	211.4	
Zinc (µg/L)	1,340	1,100–1,580	1,330	
Turbidity (Lot 3432)				
Turbidity (NTU)	1.50	1.28–1.75	†	
Volatiles (Lot 587)				
Benzene (µg/L)	62.2	48.2–77.5	❖	
Dibromochloromethane (µg/L)	15.8	12.1–19.6	❖	
Bromoform (µg/L)	76.4	55.9–98.3	❖	
Carbon tetrachloride (µg/L)	108	79.3–134	❖	
Chlorobenzene (µg/L)	16.0	12.5–19.1	❖	
Chlorodibromomethane (µg/L)	97.1	75.6–120	❖	
Chloroform (µg/L)	63.8	49.0–78.0	❖	
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	❖	
1,2-Dichloroethane (µg/L)	137	107–173	❖	
Dichloromethane (Methylene chloride) (µg/L)	83.7	59.2–109	❖	
1,2-Dichloropropane	24.3	18.3–29.8	❖	
Ethylbenzene (µg/L)	63.4	47.4–74.0	❖	
4-Methyl-2-pentanone (MIBK) (µg/L)	59.4	34.4–81.1	❖	
Styrene	36.8	25.6–44.8	❖	
Tetrachloroethylene (µg/L)	36.7	27.1–44.3	❖	
Toluene (µg/L)	132	102–159	❖	
1,1,1-Trichloroethane (µg/L)	85.4	61.7–102	❖	
Trichloroethylene (µg/L)	85.9	63.8–104	❖	
p-Xylene (µg/L)	144	93.2–181	❖	

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

◆ Result is out of range.

❖ Value not reported by laboratory.

Table 54. Quality Control Standards for Selected Analyses for ML

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Acids (Lot 590)				
2-Chlorophenol (µg/L)	88.8	36.5–99.8	79.6	
o-Cresol (2-Methylphenol) (µg/L)	133	42.3–154	108	
Pentachlorophenol (µg/L)	93.6	29.1–118	75.9	
2,4,5-Trichlorophenol (µg/L)	82.1	32.3–94.9	86.3	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
2,4,6-Trichlorophenol (µg/L)	72.8	31.4–83.4	75.7	
Base/Neutrals (Lot 590)				
Anthracene (µg/L)	65.3	30.8–76.1	64.7	
Benzo[a]anthracene (µg/L)	56.8	23.8–67.5	66.8	
Bis(2-ethylhexyl) phthalate (µg/L)	50.1	20.2–63.9	68.8◆	
Chrysene (µg/L)	39.9	18.4–48.9	50.1◆	
Dibenzofuran (µg/L)	30.2	14.4–33.5	31.7	
1,2-Dichlorobenzene (µg/L)	120	28.1–137	95.0	
Diethylphthalate (µg/L)	50.4	12.1–65.0	12.3	
2,4-Dinitrotoluene (µg/L)	134	56.1–154	150	
2,6-Dinitrotoluene (µg/L)	97.6	50.1–111	107	
Naphthalene (µg/L)	145	51.4–165	132	
N-Nitrosodi-n-propylamine (µg/L)	110	46.5–135	101	
Phenanthrene (µg/L)	73.2	39.6–84.3	75.4	
Pyrene (µg/L)	27.9	13.0–33.9	34.4◆	
1,2,4-Trichlorobenzene (µg/L)	123	35.9–140	105	
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	†	
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-dinitrophenol (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	5.32	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
Pesticides (Lot 3229)				
Aldrin (µg/L)	1.12	0.616–1.62	0.84	
Dieldrin (µg/L)	1.27	0.699–1.84	0.997	
Endrin (µg/L)	0.631	0.442–0.82	0.582	
Heptachlor (µg/L)	1.79	0.985–2.60	1.44	
Heptachlor epoxide (µg/L)	0.953	0.524–1.38	0.768	
Lindane (µg/L)	1.02	0.561–1.48	0.982	
Methoxychlor (µg/L)	20.7	11.4–30.0	19.6	
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	< 2.5◆	
Trace Metals (Lot 99101)				
Aluminum (µg/L)	797	654–940	❖	
Antimony (µg/L)	254	191–300	❖	
Arsenic (µg/L)	388	291–458	❖	
Barium (µg/L)	791	649–933	❖	
Beryllium (µg/L)	456	374–538	❖	
Boron (µg/L)	242	198–301	†	
Cadmium (µg/L)	167	137–197	❖	
Chromium (µg/L)	493	404–581	❖	
Cobalt (µg/L)	954	782–1,130	❖	
Copper (µg/L)	86.6	71.0–102	❖	
Iron (µg/L)	1,240	1,020–1,460	❖	
Lead (µg/L)	605	496–714	❖	
Manganese (µg/L)	571	468–674	❖	
Mercury (µg/L)	5.97	4.47–7.46	❖	
Molybdenum (µg/L)	548	449–646	†	
Nickel (µg/L)	2,490	2,050–2,940	❖	
Selenium (µg/L)	1,480	1,110–1,750	❖	
Silver (µg/L)	513	421–606	❖	
Strontium (µg/L)	256	210–302	†	
Thallium (µg/L)	321	241–379	❖	
Vanadium (µg/L)	228	187–269	❖	
Zinc (µg/L)	1,340	1,100–1,580	❖	
Turbidity (Lot 3432)				
Turbidity (NTU)	1.50	1.28–1.75	†	
Volatiles (Lot 587)				
Benzene (µg/L)	62.2	48.2–77.5	57.0	
Dibromochloromethane (µg/L)	15.8	12.1–19.6	17.1	
Bromoform (µg/L)	76.4	55.9–98.3	84.4	
Carbon tetrachloride (µg/L)	108	79.3–134	115	
Chlorobenzene (µg/L)	16.0	12.5–19.1	15.2	
Chlorodibromomethane (µg/L)	97.1	75.6–120	105	
Chloroform (µg/L)	63.8	49.0–78.0	67.7	
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	25.3	
1,2-Dichloroethane (µg/L)	137	107–173	151	
Dichloromethane (Methylene chloride) (µg/L)	83.7	59.2–109	85.2	

Quality Control Samples

Analyte	Certified Value	Performance Acceptance Limits	ML Result	Functional Guideline Code
1,2-Dichloropropane	24.3	18.3–29.8	22.9	
Ethylbenzene (µg/L)	63.4	47.4–74.0	56.3	
4-Methyl-2-pentanone (MIBK) (µg/L)	59.4	34.4–81.1	52.5	
Styrene	36.8	25.6–44.8	35.6	
Tetrachloroethylene (µg/L)	36.7	27.1–44.3	33.1	
Toluene (µg/L)	132	102–159	124	
1,1,1-Trichloroethane (µg/L)	85.4	61.7–102	94.6	
Trichloroethylene (µg/L)	85.9	63.8–104	79.9	
p-Xylene (µg/L)	144	93.2–181	135	

◆ Result is out of range.

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

❖ Value not reported by laboratory.

Table 55. Laboratory Control Sample Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA160.1					
Total dissolved solids	0/2	99.5	0.71	99.0	100
EPA300.0					
Chloride	0/17	105	4.15	98.0	111
Fluoride	0/20	102	6.26	93.0	112
Nitrate-nitrite as nitrogen	0/36	98.9	3.08	93.0	105
Sulfate	0/33	99.2	4.95	92.0	108
Total phosphates (as P)	0/16	102	5.34	96.0	109
EPA370.1					
Silica	0/2	96.5	0.71	96.0	97.0
EPA376.1					
Sulfide	0/6	102	8.31	94.0	112
EPA415.1					
Total organic carbon	0/10	106	8.23	98.0	117
EPA6010B					
Aluminum	0/39	106	5.49	96.0	117
Antimony	0/8	102	6.29	93.0	111
Arsenic	0/26	99.8	4.78	92.0	111
Barium	0/19	99.3	4.65	93.0	107
Beryllium	0/8	102	3.02	97.0	105
Boron	0/21	103	3.32	97.0	108
Cadmium	0/18	101	4.19	94.0	109
Calcium	0/2	102	2.12	100	103
Chromium	0/24	103	4.90	93.0	110
Cobalt	0/6	105	2.58	100	107
Copper	0/8	99.6	2.50	95.0	103
Iron	0/37	103	4.36	95.0	112
Lead	0/30	97.0	5.58	85.0	109
Magnesium	0/2	101	2.83	99.0	103
Manganese	0/25	101	4.47	93.0	109
Nickel	0/18	101	4.66	93.0	108
Potassium	0/2	98.0	1.41	97.0	99.0
Selenium	0/26	103	5.92	91.0	117

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Silver	0/22	100	5.12	92.0	109
Sodium	0/33	102	5.13	91.0	110
Thallium	0/8	99.6	2.07	97.0	102
Tin	0/4	102	3.86	97.0	106
Vanadium	0/6	108	7.31	99.0	118
Zinc	0/8	103	3.65	96.0	107
EPA7430					
Lithium	0/14	97.4	5.0	87.0	106
EPA7470A					
Mercury	0/22	101	3.37	96.0	107
EPA8081A					
Aldrin	0/10	88.5	8.11	77.0	100
p,p'-DDT	1/10	108	14.8	87.0	136
Dieldrin	0/10	102	8.59	90.0	118
Endrin	1/10	106	9.73	95.0	126
Heptachlor	1/10	104	21.3	75.0	135
Lindane	0/24	91.4	9.07	71.0	109
EPA8082					
PCB 1260	0/10	103	8.02	89.0	110
EPA8151A					
2-sec-Butyl-4,6-dinitrophenol	6/6	31.8	19.1	7.0	49.0
2,4-Dichlorophenoxyacetic acid	4/20	86.8	13.8	70.0	118
2,4,5-TP (Silvex)	0/6	87.3	5.61	80.0	94.0
EPA8260B					
Benzene	0/97	103	6.64	88.0	125
Chlorobenzene	0/96	101	5.94	87.0	114
1,1-Dichloroethylene	0/96	103	8.26	79.0	125
Toluene	0/96	101	6.88	85.0	122
Trichloroethylene	7/121	100	12.8	76.0	141
EPA8270C					
Acenaphthene	0/8	72.5	7.78	61.0	87.0
4-Chloro-m-cresol	0/8	73.9	8.98	61.0	89.0
2-Chlorophenol	0/8	57.9	8.64	44.0	70.0
1,4-Dichlorobenzene	1/6	50.0	12.1	35.0	66.0
2,4-Dinitrotoluene	1/8	85.4	13.3	72.0	112
4-Nitrophenol	4/8	87.3	14.0	75.0	115
N-Nitrosodipropylamine	0/8	70.3	12.4	55.0	94.0
Pentachlorophenol	0/8	86.3	7.63	78.0	102
Phenol	0/22	63.3	14.7	34.0	90.0
Pyrene	0/8	84.6	13.2	71.0	111
1,2,4-Trichlorobenzene	0/8	54.8	9.22	42.0	68.0
EPA9014					
Cyanide	0/18	96.7	1.81	93.0	99.0
EPA9060					
Total organic carbon	0/12	103	9.37	91.0	117

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

Note: A value of 0 is reported as 0.0.

Quality Control Samples

Table 56. Laboratory Control Sample Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA160.1					
Total dissolved solids	0/3	98.0	1.73	97.0	100
EPA310.1					
Alkalinity (as CaCO ₃)	0/1	98.0	—	98.0	98.0
EPA353.1					
Nitrate-nitrite as nitrogen	0/28	98.6	6.13	85.0	109
EPA365.4					
Total phosphates (as P)	0/2	88.0	4.24	85.0	91.0
EPA418.1					
Total petroleum hydrocarbons	2/2	73.0	0.0	73.0	73.0
EPA6010B					
Aluminum	0/10	103	2.17	99.0	106
Antimony	0/5	99.6	2.88	96.0	103
Arsenic	0/5	100	3.74	95.0	105
Barium	0/5	104	3.13	101	109
Beryllium	0/5	102	3.90	97.0	106
Boron	0/1	102	—	102	102
Cadmium	0/5	103	5.32	97.0	109
Calcium	0/5	104	5.98	97.0	111
Chromium	0/5	105	3.58	101	109
Cobalt	0/5	104	4.32	99.0	109
Copper	0/5	101	1.0	100	102
Iron	0/10	103	3.23	99.0	108
Lead	0/6	106	3.25	102	112
Magnesium	0/5	102	4.22	97.0	108
Manganese	0/5	104	3.08	100	108
Nickel	0/5	102	5.98	95.0	108
Potassium	0/5	96.0	4.47	89.0	101
Selenium	0/5	99.0	1.87	97.0	102
Silver	0/5	101	1.67	98.0	102
Sodium	0/4	103	3.37	99.0	107
Thallium	0/5	104	3.70	101	110
Tin	0/1	105	—	105	105
Uranium	0/2	109	6.36	104	113
Vanadium	0/5	103	1.79	102	106
Zinc	0/5	102	4.92	94.0	106
EPA6020					
Aluminum	1/28	103	6.45	94.0	123
Antimony	0/28	107	12.0	76.0	126
Arsenic	1/28	97.5	5.89	79.0	110
Barium	0/28	99.4	5.74	90.0	113
Beryllium	0/29	109	7.21	96.0	120
Cadmium	0/29	102	4.26	96.0	112
Chromium	1/29	109	6.76	94.0	123
Cobalt	0/28	103	6.42	92.0	116
Copper	0/27	104	6.15	93.0	118
Iron	23/28	136	16.6	102	171
Lead	0/29	96.0	4.04	89.0	103
Lithium	0/1	97.0	—	97.0	97.0
Nickel	0/28	103	5.65	93.0	117
Selenium	1/28	93.5	5.77	78.0	103
Silver	0/28	100	8.42	67.0	116

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Thallium	11/28	79.8	11.7	60.0	96.0
Tin	3/28	105	12.5	69.0	128
Uranium	0/4	103	7.0	94.0	110
Vanadium	0/28	100	8.80	82.0	115
Zinc	1/28	101	8.30	79.0	117
EPA7470A					
Mercury	0/53	101	6.44	82.0	112
EPA8081A					
Aldrin	0/9	65.9	18.8	41.0	93.0
p,p'-DDT	0/9	79.2	21.1	46.0	115
Dieldrin	1/9	75.8	15.9	48.0	95.0
Endrin	1/9	79.7	17.6	49.0	101
Heptachlor	0/9	78.4	22.4	49.0	108
Lindane	3/9	72.1	19.4	47.0	101
EPA8082					
PCB 1260	0/15	78.3	9.98	65.0	100
EPA8151A					
2-sec-Butyl-4,6-dinitrophenol	10/10	45.2	14.5	19.0	66.0
2,4-Dichlorophenoxyacetic acid	8/10	65.9	15.1	50.0	96.0
2,4,5-T	5/10	76.4	17.0	57.0	104
2,4,5-TP (Silvex)	6/10	72.8	16.9	55.0	101
EPA8260B					
Benzene	0/43	95.0	6.40	82.0	107
Chlorobenzene	0/40	92.7	5.55	81.0	106
1,1-Dichloroethylene	0/41	104	9.61	81.0	117
Toluene	0/43	93.1	7.76	79.0	107
Trichloroethylene	0/41	97.8	7.85	83.0	117
EPA8270C					
Acenaphthene	0/10	78.0	10.3	59.0	90.0
Bis(2-ethylhexyl) phthalate	0/3	79.3	15.4	69.0	97.0
4-Chloro-m-cresol	0/10	81.1	11.1	59.0	91.0
2-Chlorophenol	0/10	72.5	9.54	58.0	85.0
1,4-Dichlorobenzene	0/10	70.9	8.81	58.0	88.0
2,4-Dinitrotoluene	0/10	79.1	11.1	53.0	91.0
4-Nitrophenol	0/10	38.9	9.07	22.0	51.0
N-Nitrosodipropylamine	0/10	78.8	9.31	59.0	89.0
Pentachlorophenol	0/10	74.1	11.0	48.0	84.0
Phenol	0/10	32.9	4.07	28.0	41.0
Pyrene	0/10	79.0	12.8	62.0	103
1,2,4-Trichlorobenzene	0/10	71.9	9.04	60.0	88.0
EPA8280					
1,2,3,4,6,7,8-HPCDD	8/10	135	14.9	115	158
1,2,3,4,6,7,8-HPCDF	8/10	139	18.5	114	166
1,2,3,4,7,8-HXCDD	4/10	119	27.4	91.0	176
1,2,3,4,7,8-HXCDF	3/10	116	28.1	88.0	178
Octachlorodibenzo-p-dioxin	9/10	127	7.02	115	137
Octachlorodibenzo-p-furan	5/10	119	10.3	106	136
1,2,3,7,8-PCDD	3/10	117	22.9	92.0	163
1,2,3,7,8-PCDF	3/10	117	22.9	95.0	171
2,3,7,8-TCDD	0/10	85.8	4.59	78.0	91.0
2,3,7,8-TCDF	3/10	110	24.9	82.0	164

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA9012A Cyanide	0/17	98.2	5.73	86.0	108
EPA9020B Total organic halogens	0/1	98.0	—	98.0	98.0
EPA9034 Sulfide	0/9	93.3	10.2	82.0	114
EPA9040B pH	0/37	100	0.33	99.0	101
EPA9045C pH	0/2	100	0.0	100	100
EPA9050A Specific conductance	0/21	98.6	1.47	95.0	102
EPA9056 Chloride	0/1	98.0	—	98.0	98.0
Nitrate as nitrogen	0/1	101	—	101	101
Sulfate	0/1	98.0	—	98.0	98.0
EPA9060 Total organic carbon	0/1	98.0	—	98.0	98.0
EPA9066 Phenols	0/11	101	3.83	95.0	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.

— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Table 57. Laboratory Control Sample Recoveries for WA

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA160.1 Total dissolved solids	0/2	103	5.66	99.0	107
EPA310.1 Alkalinity (as CaCO ₃)	0/2	94.2	0.71	93.7	94.7
EPA340.2 Fluoride	0/4	96.6	1.64	94.1	97.6
EPA353.2 Nitrate as nitrogen	0/1	107	—	107	107
Nitrate-nitrite as nitrogen	0/9	105	3.41	99.6	108
EPA365.2 Total phosphates (as P)	0/8	98.4	3.04	93.3	102

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA6010B					
Aluminum	0/9	100	1.52	98.7	102
Antimony	0/6	98.1	1.42	96.5	100
Arsenic	0/7	95.6	1.36	94.8	98.6
Barium	0/6	97.9	0.77	96.6	98.9
Beryllium	0/7	98.0	0.50	97.4	98.7
Boron	0/3	97.3	1.50	95.8	98.8
Cadmium	0/8	97.6	1.10	96.4	98.9
Calcium	0/4	96.7	0.24	96.3	96.8
Chromium	0/6	98.2	0.56	97.7	98.9
Cobalt	0/6	98.0	0.82	97.0	98.8
Copper	0/6	98.3	0.99	97.1	100
Iron	0/9	98.9	0.79	97.8	100
Lead	0/8	96.5	1.0	95.5	97.8
Lithium	0/3	101	1.0	100	102
Magnesium	0/4	99.6	1.05	98.8	101
Manganese	0/6	101	0.78	99.9	102
Nickel	0/6	97.1	1.14	96.1	98.9
Potassium	0/3	100	1.44	98.5	101
Selenium	0/7	96.4	2.51	94.2	101
Silica	0/1	102	—	102	102
Silver	0/6	98.9	1.29	97.9	101
Sodium	0/5	97.0	0.78	96.2	98.0
Thallium	0/7	97.4	1.48	95.7	99.4
Tin	0/3	98.1	1.37	96.5	99.0
Vanadium	0/6	100	1.11	98.8	102
Zinc	0/6	98.3	1.67	96.5	101
EPA7470A					
Mercury	0/8	104	1.41	102	105
EPA8021B					
Carbon tetrachloride	0/2	110	4.24	107	113
Chloroform	0/2	112	2.83	110	114
Tetrachloroethylene	0/2	109	5.66	105	113
1,1,1-Trichloroethane	0/2	110	2.83	108	112
Trichloroethylene	0/3	105	6.43	98.0	110
EPA8081A					
Aldrin	0/3	86.7	10.4	75.0	95.0
p,p'-DDT	0/3	86.0	6.0	80.0	92.0
Dieldrin	0/3	101	6.11	96.0	108
Endrin	1/3	115	8.08	110	124
Heptachlor	0/3	81.7	7.64	75.0	90.0
Lindane	0/5	91.0	5.48	85.0	100
EPA8082					
PCB 1254	0/4	79.6	11.2	64.0	88.8
EPA8151A					
2,4-Dichlorophenoxyacetic acid	2/2	26.8	37.9	0.0	53.6
EPA8260B					
Benzene	0/12	103	6.11	92.8	113
Chlorobenzene	0/12	103	5.26	93.3	115
1,1-Dichloroethylene	0/12	89.5	8.32	72.7	101
Toluene	0/12	103	6.71	91.0	111
Trichloroethylene	0/14	102	9.41	89.4	117

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8270C					
Acenaphthene	1/2	31.1	34.8	6.47	55.7
4-Chloro-m-cresol	1/2	42.5	34.1	18.4	66.6
2-Chlorophenol	1/2	34.6	35.5	9.51	59.7
1,4-Dichlorobenzene	2/2	22.8	32.2	0.0	45.6
2,4-Dinitrotoluene	1/2	37.9	30.7	16.2	59.6
4-Nitrophenol	0/2	55.1	33.2	31.6	78.5
N-Nitrosodipropylamine	1/2	29.9	30.4	8.38	51.4
Pentachlorophenol	0/2	25.8	12.4	17.0	34.5
Phenol	0/2	41.2	34.9	16.5	65.8
Pyrene	0/2	51.2	33.0	27.9	74.5
1,2,4-Trichlorobenzene	1/2	24.7	34.9	0.0	49.4
EPA8280A					
Hexachlorodibenzo-p-dioxins	0/3	88.7	0.58	88.0	89.0
Hexachlorodibenzo-p-furans	0/3	99.3	1.15	98.0	100
Pentachlorodibenzo-p-furans	0/6	108	5.50	102	115
2,3,7,8-TCDD	0/4	111	2.45	108	113
Tetrachlorodibenzo-p-dioxins	0/3	112	1.73	110	113
Tetrachlorodibenzo-p-furans	0/3	100	1.73	98.0	101
EPA9010B					
Cyanide	0/2	101	1.84	99.4	102
EPA9012A					
Cyanide	0/2	95.9	7.28	90.7	101
EPA9014					
Cyanide	0/14	98.2	5.36	86.2	104
EPA9020B					
Total organic halogens	0/9	98.0	6.22	83.0	105
EPA9034					
Sulfide	0/2	101	0.71	100	101
EPA9050A					
Specific conductance	0/12	97.5	1.79	94.4	101
EPA9056					
Chloride	0/4	97.6	2.0	94.6	98.9
Sulfate	0/3	98.0	1.81	95.9	99.3
EPA9060					
Total organic carbon	0/6	97.5	4.89	92.9	105
EPA9066					
Phenols	0/6	94.6	1.25	93.4	96.3

† 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.

Quality Control Samples

Table 58. Laboratory Control Sample Recoveries for EM

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8260B					
Benzene	0/2	97.0	1.41	96.0	98.0
Carbon tetrachloride	0/2	93.5	2.12	92.0	95.0
Chlorobenzene	0/2	100	0.0	100	100
Chloroform	0/2	100	0.0	100	100
1,1-Dichloroethylene	0/2	95.0	4.24	92.0	98.0
Tetrachloroethylene	0/2	96.5	2.12	95.0	98.0
Toluene	0/2	97.5	3.54	95.0	100
1,1,1-Trichloroethane	0/2	99.5	0.71	99.0	100
Trichloroethylene	0/2	102	1.41	101	103

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

Note: A value of 0 is reported as 0.0.

Table 59. Laboratory Control Sample Recoveries for GP

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-001					
Gross alpha	3/43	97.2	12.0	75.0	118
Nonvolatile beta	0/43	105	7.65	90.0	120
EPIA-002					
Tritium	0/45	103	3.37	97.0	111
EPIA-003					
Carbon-14	0/21	95.7	2.69	91.0	100
EPIA-004					
Strontium-89/90	0/5	86.2	6.83	77.0	96.0
Strontium-90	2/20	93.6	12.2	76.0	125
EPIA-005					
Technetium-99	1/23	104	5.93	95.0	125
EPIA-006					
Iodine-129	0/20	106	7.21	89.0	115
EPIA-007					
Radon-222	0/2	86.0	9.90	79.0	93.0
EPIA-008					
Radium-226	0/19	92.8	9.84	77.0	112
EPIA-009					
Radium-228	0/21	94.8	10.8	83.0	116
EPIA-010					
Radium, total alpha-emitting	1/8	85.8	5.73	79.0	95.0

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPIA-011					
Americium-241	0/28	102	7.66	92.0	117
Curium-243/244	0/28	103	6.65	90.0	117
Plutonium-239/240	0/26	96.4	8.35	78.0	118
Uranium-238	0/29	98.0	6.94	81.0	109
EPIA-012					
Thorium-232	0/25	95.6	7.81	86.0	112
EPIA-013					
Cesium-134	0/1	96.0	—	96.0	96.0
Cesium-137	0/24	91.5	3.18	87.0	98.0
EPIA-022					
Nickel-63	2/11	86.6	9.23	75.0	108
EPIA-032					
Neptunium-237	0/2	94.0	17.0	82.0	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.

— Standard deviation cannot be determined.

Table 60. Laboratory Control Sample Recoveries for ML

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA6010B					
Aluminum	0/8	99.4	2.39	95.0	101
Antimony	0/8	106	4.66	97.0	113
Arsenic	0/8	103	5.23	97.0	113
Barium	0/8	102	3.07	97.0	106
Beryllium	0/8	104	2.51	101	109
Cadmium	0/8	103	2.90	98.0	108
Calcium	0/8	100	2.07	97.0	103
Chromium	0/8	105	4.04	101	112
Cobalt	0/8	101	3.38	97.0	107
Copper	0/8	103	3.23	97.0	108
Iron	0/8	102	3.54	96.0	108
Lead	0/8	102	3.54	98.0	108
Magnesium	0/8	102	3.11	97.0	106
Manganese	0/8	102	2.98	98.0	107
Nickel	0/8	102	2.83	99.0	108
Potassium	0/8	98.3	3.45	93.0	104
Selenium	0/8	102	3.91	96.0	109
Silver	0/8	98.6	3.16	95.0	104
Sodium	0/8	102	2.25	99.0	105
Thallium	0/8	101	4.66	92.0	106
Vanadium	0/8	104	1.92	102	107
Zinc	0/8	103	3.58	96.0	109
EPA7470A					
Mercury	0/9	103	8.85	96.0	118
EPA8082					
PCB 1254	0/9	81.8	5.33	74.0	90.0

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8260B					
Benzene	0/49	99.9	7.22	80.0	113
Chlorobenzene	0/49	96.8	5.85	86.0	107
1,1-Dichloroethylene	0/50	88.9	7.32	70.0	101
Toluene	0/49	101	5.70	90.0	109
Trichloroethylene	0/49	93.0	7.52	76.0	112
EPA9014					
Cyanide	0/5	103	4.44	96.0	108
EPIA-001					
Gross alpha	0/4	83.0	1.41	81.0	84.0
Nonvolatile beta	0/1	86.0	—	86.0	86.0
EPIA-002					
Tritium	0/7	104	3.68	97.0	109

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

— Standard deviation cannot be determined.

Table 61. Laboratory Control Sample Recoveries for TM

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
3500NIEMOD					
Nickel-63	1/3	86.8	14.1	72.1	100
ASTMD5174M					
Uranium	0/2	96.8	0.54	96.4	97.2
EICHROMTC1MOD					
Technetium-99	1/5	109	10.7	99.2	126
EMLSR02MOD					
Strontium-90	0/8	91.7	9.96	80.8	108
ENICMOD					
Carbon-14	0/1	102	—	102	102
EPA900.0MOD					
Gross alpha	0/39	104	4.24	97.9	115
Nonvolatile beta	0/37	105	2.32	101	110
EPA901.1MOD					
Cesium-137	0/7	105	2.0	102	108
Cobalt-60	0/7	102	0.99	99.6	103
EPA902.0MOD					
Iodine-129	0/6	90.2	4.30	85.1	96.0
EPA903.0MOD					
Radium, total alpha-emitting	0/4	86.3	2.49	83.9	89.3

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA904.0MOD					
Radium-228	2/7	110	18.9	83.8	141
EPA906.0MOD					
Tritium	2/42	96.0	9.17	78.1	110

† 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 62. Surrogate Recoveries for EX

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8081A					
Decachlorobiphenyl	0/91	106	8.71	84.0	125
Tetrachloro-m-xylene	0/91	82.8	14.7	43.0	122
EPA8082					
Decachlorobiphenyl	0/23	110	10.3	97.0	135
Tetrachloro-m-xylene	0/23	92.5	14.2	72.0	132
EPA8151A					
2,4-Dichlorophenylacetic acid	0/78	100	8.15	79.0	123
EPA8260B					
p-Bromofluorobenzene	61/683	101	8.91	71.0	125
1,2-Dichloroethane-d4	254/682	110	12.3	80.0	138
Toluene-d8	59/683	102	6.92	77.0	124
EPA8270C					
2-Fluorobiphenyl	6/89	63.1	12.5	39.0	107
2-Fluorophenol	0/89	52.3	11.0	30.0	79.0
Nitrobenzene-d5	0/89	61.5	13.1	35.0	90.0
Phenol-d5	0/89	59.4	11.1	35.0	84.0
p-Terphenyl-d14	0/89	78.3	17.1	46.0	143
2,4,6-Tribromophenol (surr)	0/89	73.2	21.2	34.0	173

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

Table 63. Surrogate Recoveries for GE

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8081A					
Decachlorobiphenyl	4/49	74.9	24.9	10.8	125
Tetrachloro-m-xylene	0/49	65.5	16.8	33.0	100
EPA8082					
Decachlorobiphenyl	3/70	69.6	22.7	18.3	115
Tetrachloro-m-xylene	1/70	56.0	13.3	20.8	91.2
EPA8151A					
2,4-Dichlorophenylacetic acid	16/45	75.7	12.3	56.2	132
EPA8260B					
p-Bromofluorobenzene	52/339	99.0	9.18	77.4	124
Dibromofluoromethane	67/337	107	11.2	74.7	128
Toluene-d8	81/339	100	9.45	80.1	123
EPA8270C					
2-Fluorobiphenyl	8/261	70.3	13.0	23.0	95.3
2-Fluorophenol	2/55	49.8	13.7	0.0	72.6
Nitrobenzene-d5	2/261	68.3	12.1	21.3	91.8
Phenol-d5	2/55	33.6	11.3	0.0	54.5
p-Terphenyl-d14	2/261	85.5	15.0	27.8	124
2,4,6-Tribromophenol (surr)	2/55	79.6	23.7	0.0	118

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

Note: A value of 0 is reported as 0.0.

Table 64. Surrogate Recoveries for WA

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Minimum Recovery (%)	Maximum Recovery (%)
EPA8021B					
Bromochloromethane	0/17	86.9	8.88	76.1	103
EPA8081A					
Decachlorobiphenyl	1/31	64.6	17.9	8.0	100
Tetrachloro-m-xylene	6/31	61.7	25.2	10.8	100
EPA8082					
Decachlorobiphenyl	0/25	63.4	16.6	33.0	97.0
Tetrachloro-m-xylene	9/25	49.6	28.0	5.50	102
EPA8151A					
2,4-Dichlorophenylacetic acid	13/14	41.5	33.3	0.0	98.6
EPA8260B					
p-Bromofluorobenzene	10/133	97.5	9.06	81.0	122
1,2-Dichloroethane-d4	8/133	102	10.1	79.0	121
Toluene-d8	1/133	99.7	4.67	88.0	123
EPA8270C					
2-Fluorobiphenyl	6/39	65.0	23.8	0.0	111

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
2-Fluorophenol	4/20	61.1	31.6	0.0	106
Nitrobenzene-d5	4/39	66.5	23.5	0.0	107
Phenol-d5	3/20	57.0	28.3	0.0	98.9
p-Terphenyl-d14	5/39	93.7	36.7	0.0	149
2,4,6-Tribromophenol (surr)	2/20	64.4	32.0	0.0	110
EPA8280A					
Carbon 13-labeled 1,2,3,6,7,8-HxCDD	0/19	77.7	15.6	62.0	114
Carbon 13-labeled 2,3,7,8-TCDD	0/21	79.1	13.6	65.0	109
Carbon 13-labeled 2,3,7,8-TCDF	0/19	70.1	7.15	62.0	86.0
Carbon 13-labeled HPCDF	0/19	72.5	11.9	59.0	102

† 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 65. Surrogate Recoveries for EM

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8260B					
p-Bromofluorobenzene	0/14	99.1	1.35	97.0	101
Dibromofluoromethane	0/14	101	1.81	98.0	104
Toluene-d8	0/14	97.2	2.55	93.0	101

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

Table 66. Surrogate Recoveries for ML

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8082					
Decachlorobiphenyl	1/24	64.7	15.3	23.1	96.5
EPA8260B					
p-Bromofluorobenzene	190/332	85.7	5.45	75.8	101
Dibromofluoromethane	2/332	102	7.30	85.4	120
Toluene-d8	35/332	105	4.14	88.3	115

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

Table 67. Matrix Spike Recoveries for EX

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA300.0						
Chloride	0/11	109	8.84	9.0	97.0	121
Fluoride	0/12	108	21.6	8.0	76.0	159
Nitrate-nitrite as nitrogen	0/19	101	10.7	1.0	92.0	131
Sulfate	0/20	92.4	9.25	-7.60	81.0	112
Total phosphates (as P)	0/10	82.8	9.95	-17.2	69.0	100
EPA370.1						
Silica	0/2	81.5	0.71	-18.5	81.0	82.0
EPA376.1						
Sulfide	0/8	96.8	15.9	-3.20	79.0	113
EPA415.1						
Total organic carbon	0/3	97.7	3.79	-2.30	95.0	102
EPA6010B						
Aluminum	0/42	106	6.42	6.0	91.0	116
Antimony	0/4	94.0	8.41	-6.0	85.0	103
Arsenic	0/18	97.2	6.60	-2.80	86.0	108
Barium	0/14	97.0	6.98	-3.0	87.0	109
Beryllium	0/4	95.0	4.97	-5.0	89.0	101
Boron	0/6	103	4.76	3.0	97.0	110
Cadmium	0/16	99.1	6.44	-0.90	87.0	112
Chromium	0/16	99.9	7.62	-0.10	88.0	115
Cobalt	0/4	94.8	6.60	-5.20	87.0	102
Copper	0/4	93.5	6.45	-6.50	86.0	101
Iron	0/42	99.0	18.3	-1.0	18.0	115
Lead	0/20	95.1	6.35	-4.90	84.0	106
Manganese	0/8	96.1	7.45	-3.90	86.0	107
Nickel	0/6	92.7	4.84	-7.30	87.0	101
Selenium	0/18	101	7.13	1.0	89.0	112
Silver	0/14	83.5	33.3	-16.5	5.0	108
Sodium	0/26	103	6.97	3.0	88.0	115
Thallium	0/4	96.0	6.78	-4.0	88.0	103
Tin	0/2	88.0	2.83	-12.0	86.0	90.0
Vanadium	0/4	94.8	6.60	-5.20	87.0	102
Zinc	0/4	95.0	6.98	-5.0	87.0	103
EPA7430						
Lithium	0/10	109	10.6	9.0	89.0	128
EPA7470A						
Mercury	0/12	90.8	16.1	-9.20	58.0	106
EPA8081A						
Aldrin	0/2	83.5	14.8	-16.5	73.0	94.0
p,p'-DDT	0/2	105	14.8	5.0	94.0	115
Dieldrin	0/2	86.0	11.3	-14.0	78.0	94.0
Endrin	0/2	108	12.7	8.0	99.0	117
Heptachlor	0/2	96.5	10.6	-3.50	89.0	104
Lindane	0/6	78.5	20.8	-21.5	41.0	94.0
EPA8151A						
2-sec-Butyl-4,6-dinitrophenol	0/2	38.5	0.71	-61.5	38.0	39.0
2,4-Dichlorophenoxyacetic acid	0/6	105	12.0	5.0	97.0	129
2,4,5-TP (Silvex)	0/2	91.5	0.71	-8.50	91.0	92.0

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8260B						
Benzene	0/92	103	6.94	3.0	82.0	123
Chlorobenzene	0/92	99.2	7.58	-0.80	64.0	116
1,1-Dichloroethylene	0/92	104	9.48	4.0	78.0	132
Toluene	0/92	97.9	6.66	-2.10	82.0	124
Trichloroethylene	0/110	91.4	14.0	-8.60	23.0	126
EPA8270C						
Acenaphthene	0/2	77.0	4.24	-23.0	74.0	80.0
4-Chloro-m-cresol	0/2	64.5	3.54	-35.5	62.0	67.0
2-Chlorophenol	0/2	64.0	2.83	-36.0	62.0	66.0
1,4-Dichlorobenzene	0/2	68.0	4.24	-32.0	65.0	71.0
2,4-Dinitrotoluene	0/2	102	4.95	2.0	98.0	105
4-Nitrophenol	0/2	81.0	2.83	-19.0	79.0	83.0
N-Nitrosodipropylamine	0/2	83.5	3.54	-16.5	81.0	86.0
Pentachlorophenol	0/2	74.0	1.41	-26.0	73.0	75.0
Phenol	0/6	62.3	16.4	-37.7	47.0	90.0
Pyrene	0/2	72.0	2.83	-28.0	70.0	74.0
1,2,4-Trichlorobenzene	0/2	62.0	2.83	-38.0	60.0	64.0
EPA9014						
Cyanide	0/22	96.8	5.85	-3.20	85.0	108
EPA9060						
Total organic carbon	0/11	101	6.07	1.0	89.0	111

† 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 68. Matrix Spike Recoveries for GE

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA310.1						
Alkalinity (as CaCO ₃)	0/1	100	—	0.0	100	100
EPA353.1						
Nitrate-nitrite as nitrogen	0/27	98.0	9.62	-2.0	75.0	112
EPA365.4						
Total phosphates (as P)	0/1	85.0	—	-15.0	85.0	85.0
EPA6010B						
Aluminum	0/8	111	19.1	11.0	94.0	142
Antimony	0/6	98.0	2.61	-2.0	95.0	102
Arsenic	0/6	97.3	2.42	-2.70	93.0	100
Barium	0/6	107	8.59	7.0	95.0	115
Beryllium	0/6	101	4.54	1.0	96.0	108
Boron	0/2	107	2.12	7.0	105	108
Cadmium	0/6	104	3.60	4.0	99.0	109
Calcium	0/6	117	28.6	17.0	96.0	156
Chromium	0/6	104	4.37	4.0	99.0	110
Cobalt	0/6	104	6.72	4.0	98.0	113

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Copper	0/6	98.3	4.55	-1.70	92.0	102
Iron	0/8	101	4.46	1.0	96.0	109
Lead	0/6	103	2.16	3.0	100	106
Magnesium	0/6	112	18.1	12.0	96.0	136
Manganese	0/6	116	26.1	16.0	98.0	152
Nickel	0/6	105	4.88	5.0	99.0	112
Potassium	0/6	96.2	3.97	-3.80	92.0	101
Selenium	0/6	95.0	1.26	-5.0	93.0	97.0
Silver	0/6	97.2	5.27	-2.80	90.0	102
Sodium	0/6	135	55.4	35.0	94.0	208
Thallium	0/6	102	3.43	2.0	97.0	106
Tin	0/2	105	1.41	5.0	104	106
Uranium	0/4	105	10.4	5.0	95.0	114
Vanadium	0/6	102	3.29	2.0	99.0	107
Zinc	0/6	103	5.89	3.0	95.0	110
EPA6020						
Aluminum	0/61	130	183	30.0	-188	1,080
Antimony	0/60	115	14.6	15.0	80.0	140
Arsenic	0/60	97.7	4.94	-2.30	84.0	109
Barium	0/62	144	263	44.0	-122	1,560
Beryllium	0/66	112	11.3	12.0	82.0	137
Cadmium	0/66	104	5.49	4.0	86.0	125
Chromium	0/62	102	8.40	2.0	87.0	131
Cobalt	0/60	99.2	17.2	-0.80	14.0	121
Copper	0/62	104	7.27	4.0	83.0	121
Iron	0/58	1,030	4,570	930	42.0	25,600
Lead	0/66	96.8	7.82	-3.20	76.0	126
Lithium	0/2	103	0.71	3.0	102	103
Nickel	0/62	103	10.0	3.0	85.0	155
Selenium	0/60	95.1	14.4	-4.90	63.0	160
Silver	0/62	102	10.5	2.0	49.0	127
Thallium	0/62	79.5	12.5	-20.5	59.0	103
Tin	0/60	112	13.0	12.0	71.0	133
Uranium	0/8	103	5.45	3.0	94.0	109
Vanadium	0/62	101	10.8	1.0	87.0	144
Zinc	0/62	99.6	34.2	-0.40	31.0	288
EPA7470A						
Mercury	0/66	106	8.13	6.0	92.0	131
EPA8081A						
Aldrin	0/16	78.4	17.6	-21.6	48.0	110
p,p'-DDT	0/16	97.1	18.3	-2.90	75.0	133
Dieldrin	0/14	89.5	12.3	-10.5	73.0	114
Endrin	0/16	96.1	14.5	-3.90	79.0	133
Heptachlor	0/16	93.8	21.8	-6.20	56.0	140
Lindane	0/16	86.8	18.9	-13.2	55.0	119
EPA8082						
PCB 1260	0/16	64.1	13.9	-35.9	51.0	94.0
EPA8151A						
2-sec-Butyl-4,6-dinitrophenol	0/13	54.2	21.6	-45.8	15.0	84.0
2,4-Dichlorophenoxyacetic acid	0/16	75.9	21.7	-24.1	46.0	116
2,4,5-T	0/16	79.4	18.0	-20.6	54.0	121
2,4,5-TP (Silvex)	0/16	80.8	16.3	-19.2	60.0	120
EPA8260B						
Benzene	0/39	96.3	10.5	-3.70	78.0	112

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Chlorobenzene	0/39	93.6	9.13	-6.40	76.0	110
1,1-Dichloroethylene	0/39	103	11.7	3.0	78.0	122
Toluene	0/37	92.3	10.4	-7.70	71.0	112
Trichloroethylene	0/39	93.9	13.9	-6.10	35.0	126
EPA8270C						
Acenaphthene	0/20	74.9	11.8	-25.1	58.0	89.0
4-Chloro-m-cresol	0/18	74.3	12.8	-25.7	52.0	90.0
2-Chlorophenol	0/18	67.7	11.1	-32.3	48.0	84.0
1,4-Dichlorobenzene	0/20	69.4	13.1	-30.6	35.0	87.0
2,4-Dinitrotoluene	0/20	71.8	12.5	-28.2	46.0	89.0
4-Nitrophenol	0/18	42.3	15.6	-57.7	17.0	69.0
N-Nitrosodipropylamine	0/20	74.9	10.8	-25.1	56.0	91.0
Pentachlorophenol	0/18	70.4	11.3	-29.6	44.0	82.0
Phenol	0/18	41.4	6.52	-58.6	32.0	54.0
Pyrene	0/20	85.5	12.8	-14.5	64.0	108
1,2,4-Trichlorobenzene	0/20	72.4	14.1	-27.6	38.0	92.0
EPA9012A						
Cyanide	0/24	90.3	19.0	-9.70	66.0	149
EPA9020B						
Total organic halogens	0/1	80.0	—	-20.0	80.0	80.0
EPA9034						
Sulfide	0/9	81.1	28.2	-18.9	23.0	128
EPA9056						
Chloride	0/2	93.5	4.95	-6.50	90.0	97.0
Fluoride	0/1	103	—	3.0	103	103
Nitrate as nitrogen	0/1	91.0	—	-9.0	91.0	91.0
Sulfate	0/2	97.0	4.24	-3.0	94.0	100
EPA9066						
Phenols	0/13	95.2	5.10	-4.80	86.0	104

† 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 69. Matrix Spike Recoveries for WA

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA353.1						
Nitrite as nitrogen	0/1	103	—	3.0	103	103
EPA353.2						
Nitrate as nitrogen	0/1	99.8	—	-0.20	99.8	99.8
Nitrate-nitrite as nitrogen	0/9	98.2	8.68	-1.80	86.2	117
EPA6010B						
Aluminum	0/7	99.7	6.13	-0.30	87.0	104
Antimony	0/5	101	3.16	1.0	96.3	105

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
Arsenic	0/6	101	3.24	1.0	95.0	104
Barium	0/5	99.2	2.22	-0.80	97.0	102
Beryllium	0/5	101	4.69	1.0	97.0	109
Boron	0/3	101	1.93	1.0	99.4	103
Cadmium	0/6	102	3.43	2.0	97.0	107
Calcium	0/2	101	0.71	1.0	100	101
Chromium	0/6	102	2.40	2.0	100	106
Cobalt	0/5	102	2.56	2.0	99.2	106
Copper	0/5	99.3	1.53	-0.70	98.0	101
Iron	0/6	101	2.69	1.0	97.8	105
Lead	0/5	100	3.71	0.0	94.8	105
Lithium	0/3	107	3.61	7.0	103	110
Magnesium	0/2	100	1.20	0.0	99.3	101
Manganese	0/3	100	5.25	0.0	93.9	103
Nickel	0/5	98.7	3.80	-1.30	94.8	104
Potassium	0/2	98.0	1.98	-2.0	96.6	99.4
Selenium	0/6	101	3.18	1.0	95.8	104
Silver	0/6	102	2.18	2.0	99.2	105
Sodium	0/2	96.1	0.50	-3.90	95.7	96.4
Thallium	0/5	104	2.28	4.0	101	106
Tin	0/3	101	1.53	1.0	100	103
Vanadium	0/5	103	1.92	3.0	101	106
Zinc	0/5	101	2.59	1.0	98.2	104
EPA7470A						
Mercury	0/5	89.2	17.9	-10.8	58.0	102
EPA8021B						
Carbon tetrachloride	0/1	104	—	4.0	104	104
Chloroform	0/1	105	—	5.0	105	105
Tetrachloroethylene	0/1	113	—	13.0	113	113
1,1,1-Trichloroethane	0/1	103	—	3.0	103	103
Trichloroethylene	0/2	99.1	1.34	-0.90	98.1	100
EPA8081A						
Aldrin	0/1	90.0	—	-10.0	90.0	90.0
p,p'-DDT	0/1	92.0	—	-8.0	92.0	92.0
Dieldrin	0/1	106	—	6.0	106	106
Endrin	0/1	112	—	12.0	112	112
Heptachlor	0/1	80.0	—	-20.0	80.0	80.0
Lindane	0/4	88.9	7.46	-11.1	80.2	95.2
EPA8082						
PCB 1254	0/3	85.0	8.88	-15.0	74.9	91.7
EPA8151A						
2,4-Dichlorophenoxyacetic acid	0/3	41.4	36.9	-58.6	0.0	71.0
EPA8260B						
Benzene	0/6	105	5.66	5.0	96.8	112
Chlorobenzene	0/6	105	4.13	5.0	99.8	112
1,1-Dichloroethylene	0/6	90.5	5.64	-9.50	81.0	97.4
Toluene	0/6	103	6.09	3.0	92.9	112
Trichloroethylene	0/6	95.7	13.3	-4.30	75.1	110
EPA8270C						
Acenaphthene	0/1	69.9	—	-30.1	69.9	69.9
4-Chloro-m-cresol	0/1	72.7	—	-27.3	72.7	72.7
2-Chlorophenol	0/1	79.5	—	-20.5	79.5	79.5
1,4-Dichlorobenzene	0/1	60.2	—	-39.8	60.2	60.2

Quality Control Samples

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
2,4-Dinitrotoluene	0/1	70.9	—	-29.1	70.9	70.9
4-Nitrophenol	0/1	29.9	—	-70.1	29.9	29.9
N-Nitrosodipropylamine	0/1	57.4	—	-42.6	57.4	57.4
Pentachlorophenol	0/1	9.10	—	-90.9	9.10	9.10
Phenol	0/2	78.9	7.57	-21.1	73.5	84.2
Pyrene	0/1	71.8	—	-28.2	71.8	71.8
1,2,4-Trichlorobenzene	0/1	67.1	—	-32.9	67.1	67.1
EPA8280A						
Hexachlorodibenzo-p-dioxins	0/3	77.7	17.9	-22.3	57.0	89.0
Hexachlorodibenzo-p-furans	0/3	91.0	17.6	-9.0	71.0	104
Pentachlorodibenzo-p-furans	0/6	96.0	11.0	-4.0	80.0	108
2,3,7,8-TCDD	0/3	98.0	19.2	-2.0	76.0	111
Tetrachlorodibenzo-p-dioxins	0/3	98.0	19.2	-2.0	76.0	111
Tetrachlorodibenzo-p-furans	0/3	91.7	13.7	-8.30	76.0	101
EPA9020B						
Total organic halogens	0/4	92.4	20.0	-7.60	74.1	113
EPA9056						
Chloride	0/3	104	6.18	4.0	99.7	111
Sulfate	0/3	105	7.90	5.0	98.4	114
EPA9060						
Total organic carbon	0/6	103	5.04	3.0	96.3	111
EPA9066						
Phenols	0/2	65.2	42.9	-34.8	34.9	95.5

† 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 70. Matrix Spike Recoveries for EM

<i>Analyte</i>	<i>Qualified Out of Range†</i>	<i>Mean Recovery (%)</i>	<i>Standard Deviation</i>	<i>Bias (%)</i>	<i>Minimum Recovery (%)</i>	<i>Maximum Recovery (%)</i>
EPA8260B						
Benzene	0/3	97.7	3.79	-2.30	95.0	102
Chlorobenzene	0/3	95.3	1.53	-4.70	94.0	97.0
1,1-Dichloroethylene	0/3	115	4.51	15.0	110	119
Toluene	0/3	96.7	2.52	-3.30	94.0	99.0
Trichloroethylene	0/1	97.0	—	-3.0	97.0	97.0

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

— Standard deviation cannot be determined.

Quality Control Samples

Table 71. Matrix Spike Recoveries for GP

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPIA-001						
Gross alpha	0/59	83.4	101	-16.6	-664	123
Nonvolatile beta	0/59	96.1	58.2	-3.90	-270	171
EPIA-002						
Tritium	0/37	101	55.6	1.0	-63.0	246
EPIA-003						
Carbon-14	0/17	96.4	2.60	-3.60	92.0	101
EPIA-004						
Strontium-89/90	0/5	92.6	12.5	-7.40	79.0	111
Strontium-90	0/19	95.4	12.1	-4.60	76.0	124
EPIA-005						
Technetium-99	0/15	108	4.67	8.0	99.0	115
EPIA-006						
Iodine-129	0/16	103	11.2	3.0	80.0	124
EPIA-007						
Radon-222	0/2	97.0	15.6	-3.0	86.0	108
EPIA-008						
Radium-226	0/28	93.8	15.0	-6.20	77.0	120
EPIA-009						
Radium-228	0/22	96.9	14.0	-3.10	79.0	141
EPIA-010						
Radium, total alpha-emitting	0/10	87.7	13.8	-12.3	75.0	120
EPIA-011						
Americium-241	0/28	105	7.13	5.0	91.0	118
Curium-243/244	0/28	104	8.56	4.0	91.0	123
Plutonium-239/240	0/28	97.0	7.17	-3.0	81.0	112
Uranium-238	0/29	97.6	8.29	-2.40	87.0	119
EPIA-012						
Thorium-232	0/26	91.6	6.32	-8.40	82.0	104
EPIA-013						
Cesium-137	0/25	100	4.43	0.0	91.0	109
EPIA-022						
Nickel-63	0/13	85.4	7.43	-14.6	76.0	98.0
EPIA-032						
Neptunium-237	0/1	106	—	6.0	106	106

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

— Standard deviation cannot be determined.

Note: A value of 0 is reported as 0.0.

Quality Control Samples

Table 72. Matrix Spike Recoveries for ML

Analyte	Qualified Out of Range†	Mean Recovery (%)	Standard Deviation	Bias (%)	Minimum Recovery (%)	Maximum Recovery (%)
EPA6010B						
Aluminum	0/6	89.7	19.6	-10.3	62.0	103
Antimony	0/6	108	5.83	8.0	100	112
Arsenic	0/6	103	3.93	3.0	97.0	107
Barium	0/6	104	3.25	4.0	101	108
Beryllium	0/6	104	3.13	4.0	99.0	107
Cadmium	0/6	104	3.33	4.0	99.0	107
Calcium	0/6	97.8	1.94	-2.20	95.0	100
Chromium	0/6	105	1.64	5.0	102	106
Cobalt	0/6	102	2.93	2.0	98.0	105
Copper	0/6	105	4.92	5.0	98.0	110
Iron	0/6	98.8	4.96	-1.20	92.0	103
Lead	0/6	101	3.43	1.0	96.0	104
Magnesium	0/6	106	6.89	6.0	95.0	112
Manganese	0/6	101	2.32	1.0	98.0	103
Nickel	0/6	103	3.83	3.0	98.0	107
Potassium	0/6	100	3.44	0.0	95.0	103
Selenium	0/6	101	5.64	1.0	93.0	106
Silver	0/6	103	1.64	3.0	100	104
Sodium	0/6	107	2.73	7.0	105	112
Thallium	0/6	103	3.21	3.0	98.0	105
Vanadium	0/6	103	2.43	3.0	99.0	105
Zinc	0/6	104	2.80	4.0	101	107
EPA7470A						
Mercury	0/6	102	6.98	2.0	93.0	109
EPA8082						
PCB 1254	0/2	97.5	7.78	-2.50	92.0	103
EPA8260B						
Benzene	0/14	105	4.99	5.0	98.0	113
Chlorobenzene	0/14	99.6	7.09	-0.40	91.0	110
1,1-Dichloroethylene	0/14	88.6	6.45	-11.4	81.0	99.0
Toluene	0/14	104	6.67	4.0	96.0	113
Trichloroethylene	0/14	102	10.3	2.0	88.0	120
EPA9014						
Cyanide	0/4	92.8	6.55	-7.20	85.0	101
EPIA-001						
Gross alpha	0/4	83.5	7.05	-16.5	76.0	90.0
EPIA-002						
Tritium	0/6	102	4.59	2.0	93.0	106

† 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 73. Analytes Detected in Method Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA160.1				
Total dissolved solids	0/1	10,000	—	10,000/10,000 µg/L
EPA300.0				
Chloride	0/8	200	0.0	200/200 µg/L
Fluoride	0/9	100	0.0	100/100 µg/L
Nitrate-nitrite as nitrogen	0/17	100	0.0	100/100 µg/L
Sulfate	0/16	500	0.0	500/500 µg/L
Total phosphates (as P)	0/8	500	0.0	500/500 µg/L
EPA370.1				
Silica	0/1	100	—	100/100 µg/L
EPA376.1				
Sulfide	0/3	1,000	0.0	1,000/1,000 µg/L
EPA415.1				
Total organic carbon	0/5	5,000	0.0	5,000/5,000 µg/L
EPA6010B				
Aluminum	7/23	160	64.8	39.1/200 µg/L
Antimony	0/4	100	0.0	100/100 µg/L
Arsenic	2/14	9.03	2.46	3.07/10.0 µg/L
Barium	0/11	10.0	0.0	10.0/10.0 µg/L
Beryllium	0/4	1.0	0.0	1.0/1.0 µg/L
Boron	1/11	91.9	26.9	10.9/100 µg/L
Cadmium	1/9	9.43	1.71	4.88/10.0 µg/L
Calcium	0/1	1,000	—	1,000/1,000 µg/L
Chromium	1/13	9.70	1.09	6.06/10.0 µg/L
Cobalt	0/3	20.0	0.0	20.0/20.0 µg/L
Copper	2/4	11.5	9.84	1.90/20.0 µg/L
Iron	13/22	87.2	96.2	3.51/200 µg/L
Lead	1/17	9.48	2.15	1.12/10.0 µg/L
Magnesium	0/1	1,000	—	1,000/1,000 µg/L
Manganese	1/14	9.33	2.53	0.55/10.0 µg/L
Nickel	2/10	42.0	17.0	7.26/50.0 µg/L
Potassium	0/1	5,000	—	5,000/5,000 µg/L
Selenium	1/14	9.61	1.44	4.60/10.0 µg/L
Silver	3/12	16.3	6.68	4.38/20.0 µg/L
Sodium	5/19	776	389	60.9/1,000 µg/L
Thallium	0/4	10.0	0.0	10.0/10.0 µg/L
Tin	1/2	111	126	22.3/200 µg/L
Vanadium	0/3	10.0	0.0	10.0/10.0 µg/L
Zinc	0/4	20.0	0.0	20.0/20.0 µg/L
EPA7430				
Lithium	0/9	2.0	0.0	2.0/2.0 µg/L
EPA7470A				
Mercury	0/11	0.50	0.0	0.50/0.50 µg/L
EPA8081A				
Aldrin	0/5	0.10	0.0	0.10/0.10 µg/L
alpha-Benzene hexachloride	0/5	0.10	0.0	0.10/0.10 µg/L
beta-Benzene hexachloride	0/6	0.10	0.0	0.10/0.10 µg/L
delta-Benzene hexachloride	0/5	0.10	0.0	0.10/0.10 µg/L
alpha-Chlordane	0/5	0.10	0.0	0.10/0.10 µg/L
gamma-Chlordane	0/5	0.10	0.0	0.10/0.10 µg/L

Quality Control Samples

<i>Analyte</i>	<i>of Detection†</i>	<i>Mean Result</i>	<i>Deviation</i>	<i>Minimum/Maximum Results</i>
	0/5	0.20		0.20/0.20 µg/L
p,p'-DDE		0.20	0.0	
p,p'-DDT	0/5		0.0	0.20/0.20 µg/L
	0/5	0.20		0.20/0.20 µg/L
Endosulfan sulfate		0.20	0.0	
Endosulfan I	0/5		0.0	0.10/0.10 µg/L
	0/5	0.20		0.20/0.20 µg/L
Endrin		0.20	0.0	
Endrin aldehyde	0/5		0.0	0.20/0.20 µg/L
	0/5	0.10		0.10/0.10 µg/L
Heptachlor epoxide		0.10	0.0	
Lindane	0/12		0.0	0.10/0.10 µg/L
	0/4	1.0		1.0/1.0 µg/L
Toxaphene		2.0	0.0	
EPA8082				
PCB 1016		1.0	0.0	
PCB 1221	0/5		0.0	1.0/1.0 µg/L
	0/5	1.0		1.0/1.0 µg/L
PCB 1242		2.0	0.0	
PCB 1248	0/5		0.0	1.0/1.0 µg/L
	0/5	1.0		1.0/1.0 µg/L
PCB 1260		1.0	0.0	
EPA8151A				
2-sec-Butyl-4,6-dinitrophenol		0.20	0.0	
2,4-Dichlorophenoxyacetic acid	0/10		0.0	0.20/0.20 µg/L
	0/3	0.20		0.20/0.20 µg/L
2,4,5-TP (Silvex)		0.20	0.0	
EPA8260B				
Acetone		20.0	0.0	
Acetonitrile	0/15		0.0	200/200 µg/L
	0/16	50.0		50.0/50.0 µg/L
Acrylonitrile		10.0	0.0	
Allyl chloride	0/15		0.0	5.0/5.0 µg/L
	0/53	5.0		5.0/5.0 µg/L
Bromochloromethane		5.0	0.0	
Bromodichloromethane	0/53		0.0	5.0/5.0 µg/L
Bromoform	0/53		0.0	5.0/5.0 µg/L
	0/53	5.0		5.0/5.0 µg/L
Carbon disulfide		5.0	0.0	
	0/58	4.66		1.0/5.0 µg/L
Chlorobenzene		5.0	0.0	
Chloroethane	0/53		0.0	5.0/5.0 µg/L
	0/53	5.0		5.0/5.0 µg/L
2-Chloroethyl vinyl ether		5.0	0.0	
Chloroform	0/58		1.13	1.0/5.0 µg/L
	0/53	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/15	20.0	0.0	20.0/20.0 µg/L
Dibromochloromethane	0/53	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/15	10.0	0.0	10.0/10.0 µg/L
1,2-Dibromoethane	0/15	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/16	5.0	0.0	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/16	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/16	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/15	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/53	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
1,2-Dichloroethane	0/53	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/53	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	0/61	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/53	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	12/53	8.38	3.10	1.50/10.0 µg/L
1,2-Dichloropropane	0/53	5.0	0.0	5.0/5.0 µg/L
1,3-Dichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L
2,2-Dichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloropropene	0/15	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/53	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/53	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/15	500	0.0	500/500 µg/L
Ethyl methacrylate	0/15	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/53	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/16	20.0	0.0	20.0/20.0 µg/L
Iodomethane	0/15	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/15	500	0.0	500/500 µg/L
Methacrylonitrile	0/15	200	0.0	200/200 µg/L
Methyl ethyl ketone	0/16	20.0	0.0	20.0/20.0 µg/L
Methyl isobutyl ketone	0/16	10.0	0.0	10.0/10.0 µg/L
Methyl methacrylate	0/15	20.0	0.0	20.0/20.0 µg/L
Pentachloroethane	0/15	200	0.0	200/200 µg/L
Propionitrile	0/15	200	0.0	200/200 µg/L
Styrene	0/16	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/53	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/58	4.66	1.13	1.0/5.0 µg/L
Toluene	0/53	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/58	4.66	1.13	1.0/5.0 µg/L
1,1,2-Trichloroethane	0/53	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/66	4.70	1.07	1.0/5.0 µg/L
Trichlorofluoromethane	0/53	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/16	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/16	10.0	0.0	10.0/10.0 µg/L
EPA8270C				
Acenaphthene	0/4	10.0	0.0	10.0/10.0 µg/L
Acenaphthylene	0/4	10.0	0.0	10.0/10.0 µg/L
Acetophenone	0/3	10.0	0.0	10.0/10.0 µg/L
2-Acetylaminofluorene	0/3	10.0	0.0	10.0/10.0 µg/L
4-Aminobiphenyl	0/3	10.0	0.0	10.0/10.0 µg/L
Aniline	0/3	25.0	0.0	25.0/25.0 µg/L
Anthracene	0/4	10.0	0.0	10.0/10.0 µg/L
Aramite	0/3	10.0	0.0	10.0/10.0 µg/L
Benzidine	0/1	10.0	—	10.0/10.0 µg/L
Benzo[a]anthracene	0/4	10.0	0.0	10.0/10.0 µg/L
Benzo[b]fluoranthene	0/4	10.0	0.0	10.0/10.0 µg/L
Benzo[k]fluoranthene	0/4	10.0	0.0	10.0/10.0 µg/L
Benzo[g,h,i]perylene	0/4	10.0	0.0	10.0/10.0 µg/L
Benzo[a]pyrene	0/4	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/4	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/4	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/4	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	2/4	7.03	3.50	3.20/10.0 µg/L
4-Bromophenyl phenyl ether	0/4	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/4	10.0	0.0	10.0/10.0 µg/L
4-Chloroaniline	0/3	10.0	0.0	10.0/10.0 µg/L
Chlorobenzilate	0/3	10.0	0.0	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
4-Chloro-m-cresol	0/4		0.0	10.0/10.0 µg/L
	0/4	10.0		10.0/10.0 µg/L
2-Chlorophenol		10.0	0.0	
4-Chlorophenyl phenyl ether	0/4		0.0	10.0/10.0 µg/L
	0/4	10.0		10.0/10.0 µg/L
o-Cresol		10.0	0.0	
p-Cresol	0/3		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
Dibenz[]anthracene	0/4		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
Di-n-butyl phthalate		10.0	0.0	
1,2-Dichlorobenzene	0/3		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
1,4-Dichlorobenzene	0/3	10.0	0.0	10.0/10.0 µg/L
3,3'-Dichlorobenzidine	0/4	10.0	0.0	10.0/10.0 µg/L
2,4-Dichlorophenol	0/4	10.0	0.0	10.0/10.0 µg/L
2,6-Dichlorophenol	0/3	25.0	0.0	25.0/25.0 µg/L
Diethyl phthalate		10.0	0.0	10.0/10.0 µg/L
Dimethoate	0/3	10.0	0.0	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/4	10.0	0.0	10.0/10.0 µg/L
Dimethyl phthalate	0/4	10.0		10.0/10.0 µg/L
p-Dimethylaminoazobenzene		10.0	0.0	
7,12-Dimethylbenz[a]	0/3	10.0		10.0/10.0 µg/L
3,3'-Dimethylbenzidine		20.0	0.0	
a,a-Dimethylphenethylamine	0/3		0.0	10.0/10.0 µg/L
1,3-Dinitrobenzene		50.0	0.0	
2,4-Dinitrophenol	0/4		0.0	25.0/25.0 µg/L
	0/4	10.0		10.0/10.0 µg/L
2,6-Dinitrotoluene		10.0	0.0	
Di-n-octyl phthalate	0/4		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
1,2-Diphenylhydrazine		10.0	—	
Disulfoton	0/3		0.0	10.0/10.0 µg/L
	0/3	10.0	0.0	10.0/10.0 µg/L
	0/3	200		200/200 µg/L
Fluoranthene		10.0	0.0	
Fluorene	0/4		0.0	10.0/10.0 µg/L
	0/4	10.0		10.0/10.0 µg/L
Hexachlorobutadiene		10.0	0.0	
Hexachlorocyclopentadiene	0/4		0.0	10.0/10.0 µg/L
	0/4	10.0		10.0/10.0 µg/L
Hexachlorophene		50.0	0.0	
Hexachloropropene	0/3		0.0	50.0/50.0 µg/L
c,d]pyrene		10.0	0.0	
Isodrin	0/3		0.0	10.0/10.0 µg/L
	0/4	10.0		10.0/10.0 µg/L
Isosafrole		10.0	0.0	
Kepone	0/3		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol		25.0	0.0	
Methyl methanesulfonate	0/3		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
2-Methylnaphthalene		10.0	0.0	
Naphthalene	0/4		0.0	10.0/10.0 µg/L
	0/3	10.0		10.0/10.0 µg/L
1-Naphthylamine		10.0	0.0	
2-Naphthylamine	0/3		0.0	10.0/10.0 µg/L
	0/3	25.0	0.0	25.0/25.0 µg/L
o-Nitroaniline	0/3	25.0	0.0	25.0/25.0 µg/L
p-Nitroaniline	0/3	10.0	0.0	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Nitrobenzene	0/4	10.0	0.0	10.0/10.0 µg/L
2-Nitrophenol	0/4	10.0	0.0	10.0/10.0 µg/L
4-Nitrophenol	0/4	25.0	0.0	25.0/25.0 µg/L
4-Nitroquinoline-1-oxide	0/3	50.0	0.0	50.0/50.0 µg/L
N-Nitrosodi-n-butylamine	0/3	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodiethylamine	0/3	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodimethylamine	0/4	25.0	0.0	25.0/25.0 µg/L
N-Nitrosodiphenylamine	0/4	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/4	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomethylethylamine	0/3	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomorpholine	0/3	10.0	0.0	10.0/10.0 µg/L
N-Nitrosopiperidine	0/3	10.0	0.0	10.0/10.0 µg/L
N-Nitrosopyrrolidine	0/3	10.0	0.0	10.0/10.0 µg/L
5-Nitro-o-toluidine	0/3	10.0	0.0	10.0/10.0 µg/L
Parathion	0/3	10.0	0.0	10.0/10.0 µg/L
Parathion methyl	0/3	10.0	0.0	10.0/10.0 µg/L
Pentachlorobenzene	0/3	50.0	0.0	50.0/50.0 µg/L
Pentachloronitrobenzene	0/3	10.0	0.0	10.0/10.0 µg/L
Pentachlorophenol	0/4	25.0	0.0	25.0/25.0 µg/L
Phenacetin	0/3	10.0	0.0	10.0/10.0 µg/L
Phenanthrene	0/4	10.0	0.0	10.0/10.0 µg/L
Phenol	0/11	10.0	0.0	10.0/10.0 µg/L
p-Phenylenediamine	0/3	10.0	0.0	10.0/10.0 µg/L
Phorate	0/3	10.0	0.0	10.0/10.0 µg/L
2-Picoline	0/3	10.0	0.0	10.0/10.0 µg/L
Pronamid	0/3	10.0	0.0	10.0/10.0 µg/L
Pyrene	0/4	10.0	0.0	10.0/10.0 µg/L
Pyridine	0/3	25.0	0.0	25.0/25.0 µg/L
Safrole	0/3	10.0	0.0	10.0/10.0 µg/L
Sulfotepp	0/3	10.0	0.0	10.0/10.0 µg/L
1,2,4,5-Tetrachlorobenzene	0/3	50.0	0.0	50.0/50.0 µg/L
2,3,4,6-Tetrachlorophenol	0/3	10.0	0.0	10.0/10.0 µg/L
Thionazin	0/3	10.0	0.0	10.0/10.0 µg/L
o-Toluidine	0/3	10.0	0.0	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/4	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/3	10.0	0.0	10.0/10.0 µg/L
2,4,6-Trichlorophenol	0/4	25.0	0.0	25.0/25.0 µg/L
O,O,O-Triethyl phosphorothioate	0/3	10.0	0.0	10.0/10.0 µg/L
1,3,5-Trinitrobenzene	0/3	10.0	0.0	10.0/10.0 µg/L
EPA9014				
Cyanide	0/9	10.0	0.0	10.0/10.0 µg/L
EPA9060				
Total organic carbon	0/7	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.

Quality Control Samples

Table 74. Analytes Detected in Method Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	
EPA160.1				
Total dissolved solids		10,000	0.0	
EPA353.1				
Nitrate-nitrite as nitrogen		35.8	17.7	
EPA365.4				
Total phosphates (as P)		25.0	7.07	
EPA418.1				
Total petroleum hydrocarbons		1,000	—	
EPA6010B				
Aluminum		49.7	8.77	
Antimony	0/5		0.0	10.0/10.0 µg/L
	1/5	4.59		2.96/5.0 µg/L
Barium		5.0	0.0	
Beryllium	0/5		0.0	5.0/5.0 µg/L
	0/1	50.0		50.0/50.0 µg/L
Cadmium		5.0	0.0	
Calcium	1/5		28.7	35.9/100 µg/L
	0/5	5.0		5.0/5.0 µg/L
Cobalt		4.18	1.84	
Copper	0/5	5.0	0.0	5.0/5.0 µg/L
Iron	0/10	50.0	0.0	50.0/50.0 µg/L
Lead	0/6	5.0	0.0	5.0/5.0 µg/L
Magnesium	2/5	15.2	6.81	5.75/20.0 µg/L
Manganese	0/5	10.0	0.0	10.0/10.0 µg/L
Nickel	0/5	5.0	0.0	5.0/5.0 µg/L
Potassium	0/5	100	0.0	100/100 µg/L
Selenium	0/5	5.0	0.0	5.0/5.0 µg/L
Silver	1/5	4.63	0.82	3.16/5.0 µg/L
Sodium	0/4	100	0.0	100/100 µg/L
Thallium	0/5	10.0	0.0	10.0/10.0 µg/L
Tin	0/1	10.0	—	10.0/10.0 µg/L
Uranium	1/2	32.2	25.2	14.4/50.0 µg/L
Vanadium	0/5	5.0	0.0	5.0/5.0 µg/L
Zinc	0/5	5.0	0.0	5.0/5.0 µg/L
EPA6020				
Aluminum	6/27	13.0		3.15/15.0 µg/L
Antimony		0.93	0.75	
Arsenic	21/27		1.03	0.18/3.0 µg/L
	9/27	1.41		0.16/2.0 µg/L
Beryllium		0.20	0.02	
Cadmium	2/28		0.24	0.08/1.0 µg/L
	24/28	2.06		0.78/4.32 µg/L
Cobalt		0.97	0.18	
Copper	0/27		0.0	2.0/2.0 µg/L
Iron	16/27		6.13	8.75/25.0 µg/L
	0/28	2.0		2.0/2.0 µg/L
Lithium		10.0	—	
Nickel	6/27		0.79	0.10/2.0 µg/L
	3/27	2.71		0.25/3.0 µg/L
Silver		0.57	0.77	
Thallium	7/27		0.19	0.02/0.50 µg/L
	18/27	1.10		0.27/2.0 µg/L
Uranium		0.20	0.0	

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Vanadium	16/27	5.17	4.21	0.37/10.0 µg/L
Zinc	6/27	8.10	3.63	1.04/10.0 µg/L
EPA7470A				
Mercury	2/40	0.20	0.02	0.09/0.20 µg/L
EPA8081A				
Aldrin	0/9	0.02	0.0	0.02/0.02 µg/L
alpha-Benzene hexachloride	0/9	0.02	0.0	0.02/0.02 µg/L
beta-Benzene hexachloride	0/9	0.02	0.0	0.02/0.02 µg/L
delta-Benzene hexachloride	0/9	0.02	0.0	0.02/0.02 µg/L
Chlordane	0/9	0.25	0.0	0.25/0.25 µg/L
alpha-Chlordane	0/1	0.02	—	0.02/0.02 µg/L
gamma-Chlordane	0/1	0.02	—	0.02/0.02 µg/L
p,p'-DDD	0/9	0.04	0.0	0.04/0.04 µg/L
p,p'-DDE	0/9	0.04	0.0	0.04/0.04 µg/L
p,p'-DDT	0/9	0.04	0.0	0.04/0.04 µg/L
Dieldrin	0/9	0.04	0.0	0.04/0.04 µg/L
Endosulfan sulfate	0/9	0.04	0.0	0.04/0.04 µg/L
Endosulfan I	0/9	0.02	0.0	0.02/0.02 µg/L
Endosulfan II	0/9	0.04	0.0	0.04/0.04 µg/L
Endrin	0/9	0.04	0.0	0.04/0.04 µg/L
Endrin aldehyde	0/9	0.04	0.0	0.04/0.04 µg/L
Endrin ketone	0/1	0.04	—	0.04/0.04 µg/L
Heptachlor	0/9	0.02	0.0	0.02/0.02 µg/L
Heptachlor epoxide	0/9	0.02	0.0	0.02/0.02 µg/L
Lindane	0/9	0.02	0.0	0.02/0.02 µg/L
Methoxychlor	0/9	0.20	0.0	0.20/0.20 µg/L
Toxaphene	0/9	1.0	0.0	1.0/1.0 µg/L
EPA8082				
PCB 1016	0/13	0.10	0.0	0.10/0.10 µg/L
PCB 1221	0/13	0.10	0.0	0.10/0.10 µg/L
PCB 1232	0/13	0.10	0.0	0.10/0.10 µg/L
PCB 1242	0/13	0.10	0.0	0.10/0.10 µg/L
PCB 1248	0/13	0.10	0.0	0.10/0.10 µg/L
PCB 1254	0/13	0.10	0.0	0.10/0.10 µg/L
PCB 1260	0/13	0.10	0.0	0.10/0.10 µg/L
EPA8151A				
2-sec-Butyl-4,6-dinitrophenol	0/8	0.20	0.0	0.20/0.20 µg/L
2,4-Dichlorophenoxyacetic acid	0/8	0.20	0.0	0.20/0.20 µg/L
2,4,5-T	0/8	0.20	0.0	0.20/0.20 µg/L
2,4,5-TP (Silvex)	0/8	0.20	0.0	0.20/0.20 µg/L
EPA8260B				
Acetone	8/24	4.84	1.70	0.59/8.32 µg/L
Acetonitrile	0/21	25.0	0.0	25.0/25.0 µg/L
Acrolein	0/21	10.0	0.0	10.0/10.0 µg/L
Acrylonitrile	0/21	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/21	5.0	0.0	5.0/5.0 µg/L
Benzene	1/43	0.98	0.11	0.29/1.0 µg/L
Bromodichloromethane	0/40	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/40	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/40	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/24	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/40	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/40	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/40	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/40	1.0	0.0	1.0/1.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>of Detection†</i>	<i>Mean Result</i>	<i>Deviation</i>	
2-Chloroethyl vinyl ether	0/40		0.0	5.0/5.0 µg/L
Chloroform	0/40	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/40	1.0	0.0	1.0/1.0 µg/L
Chloroprene	0/21	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/40	1.0	0.0	1.0/1.0 µg/L
1,2-Dibromo-3-chloropropane		1.0	0.0	
1,2-Dibromoethane	0/21		0.0	1.0/1.0 µg/L
	0/21	1.0		1.0/1.0 µg/L
trans-1,4-Dichloro-2-butene		5.0	0.0	
Dichlorodifluoromethane	0/21		0.0	1.0/1.0 µg/L
	0/40	1.0		1.0/1.0 µg/L
1,2-Dichloroethane		1.0	0.0	
1,1-Dichloroethylene	0/40		0.0	1.0/1.0 µg/L
	0/5	2.0		2.0/2.0 µg/L
cis-1,2-Dichloroethylene		1.0	0.0	
trans-1,2-Dichloroethylene	0/40		0.0	1.0/1.0 µg/L
	4/40	4.65		1.05/5.0 µg/L
1,2-Dichloropropane		1.0	0.0	
cis-1,3-Dichloropropene	0/40		0.0	1.0/1.0 µg/L
	0/40	1.0		1.0/1.0 µg/L
Ethylbenzene		0.91	0.28	
2-Hexanone	0/24		0.0	5.0/5.0 µg/L
	0/21	5.0		5.0/5.0 µg/L
Isobutyl alcohol		50.0	0.0	
Methacrylonitrile	0/21	5.0		5.0/5.0 µg/L
Methyl tert-butyl ether		5.0	0.0	
Methyl ethyl ketone	0/24		0.0	5.0/5.0 µg/L
Methyl isobutyl ketone		5.0	0.0	
Methyl methacrylate	0/21		0.0	5.0/5.0 µg/L
	0/3	1.0		1.0/1.0 µg/L
Propionitrile		5.0	0.0	
Styrene	2/24		0.26	0.08/1.0 µg/L
	0/21	1.0		1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane		1.0	0.0	
Tetrachloroethylene	0/40		0.0	1.0/1.0 µg/L
	5/43	0.92		0.29/1.0 µg/L
1,1,1-Trichloroethane		1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/40	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	1/40	1.00	0.01	0.96/1.0 µg/L
Trichlorofluoromethane	0/40	1.0	0.0	1.0/1.0 µg/L
1,2,3-Trichloropropane	0/21	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/24	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/30	3.0	0.0	3.0/3.0 µg/L
EPA8270C				
Acenaphthene	0/10	1.0	0.0	1.0/1.0 µg/L
Acenaphthylene	0/10	1.0	0.0	1.0/1.0 µg/L
Acetophenone	0/9	10.0	0.0	10.0/10.0 µg/L
2-Acetylaminofluorene	0/9	10.0	0.0	10.0/10.0 µg/L
4-Aminobiphenyl	0/9	10.0	0.0	10.0/10.0 µg/L
Aniline	0/9		0.0	10.0/10.0 µg/L
	0/10	1.0		1.0/1.0 µg/L
Aramite		10.0	0.0	
Benzo[a]	0/10	1.0		1.0/1.0 µg/L
Benzo[]fluoranthene	0/10		0.0	1.0/1.0 µg/L
k]fluoranthene		1.0	0.0	
Benzo[g,h,i]	0/10	1.0		1.0/1.0 µg/L
Benzo[]pyrene	0/10	1.0	0.0	
Benzyl alcohol	0/9		0.0	10.0/10.0 µg/L
	0/10	10.0		10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Bis(2-chloroethyl) ether	0/10	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/10	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	11/34	16.6	76.0	0.60/441 µg/L
4-Bromophenyl phenyl ether	0/10	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/10	10.0	0.0	10.0/10.0 µg/L
Carbazole	0/1	10.0	—	10.0/10.0 µg/L
4-Chloroaniline	0/10	10.0	0.0	10.0/10.0 µg/L
Chlorobenzilate	0/9	10.0	0.0	10.0/10.0 µg/L
4-Chloro-m-cresol	0/10	10.0	0.0	10.0/10.0 µg/L
2-Chloronaphthalene	0/10	1.0	0.0	1.0/1.0 µg/L
2-Chlorophenol	0/10	10.0	0.0	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/10	10.0	0.0	10.0/10.0 µg/L
Chrysene	0/10	1.0	0.0	1.0/1.0 µg/L
m/p-Cresol	0/10	10.0	0.0	10.0/10.0 µg/L
o-Cresol	0/10	10.0	0.0	10.0/10.0 µg/L
Diallate	0/9	10.0	0.0	10.0/10.0 µg/L
Dibenz[a,h]anthracene	0/10	1.0	0.0	1.0/1.0 µg/L
Dibenzofuran	0/10	10.0	0.0	10.0/10.0 µg/L
Di-n-butyl phthalate	0/10	10.0	0.0	10.0/10.0 µg/L
1,2-Dichlorobenzene	1/10	10.5	1.49	10.0/14.7 µg/L
1,3-Dichlorobenzene	0/10	10.0	0.0	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/10	10.0	0.0	10.0/10.0 µg/L
3,3'-Dichlorobenzidine	0/10	10.0	0.0	10.0/10.0 µg/L
2,4-Dichlorophenol	0/10	10.0	0.0	10.0/10.0 µg/L
2,6-Dichlorophenol	0/9	10.0	0.0	10.0/10.0 µg/L
Diethyl phthalate	0/10	10.0	0.0	10.0/10.0 µg/L
Dimethoate	0/9	10.0	0.0	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/10	10.0	0.0	10.0/10.0 µg/L
Dimethyl phthalate	0/10	10.0	0.0	10.0/10.0 µg/L
p-Dimethylaminoazobenzene	0/9	10.0	0.0	10.0/10.0 µg/L
7,12-Dimethylbenz[a]anthracene	0/9	10.0	0.0	10.0/10.0 µg/L
3,3'-Dimethylbenzidine	0/9	20.0	0.0	20.0/20.0 µg/L
a,a-Dimethylphenethylamine	0/9	10.0	0.0	10.0/10.0 µg/L
1,3-Dinitrobenzene	0/9	10.0	0.0	10.0/10.0 µg/L
2,4-Dinitrophenol	0/10	20.0	0.0	20.0/20.0 µg/L
2,4-Dinitrotoluene	0/10	10.0	0.0	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/10	10.0	0.0	10.0/10.0 µg/L
Di-n-octyl phthalate	1/10	10.4	1.11	10.0/13.5 µg/L
1,4-Dioxane	0/9	10.0	0.0	10.0/10.0 µg/L
Diphenylamine	0/10	10.0	0.0	10.0/10.0 µg/L
Disulfoton	0/9	10.0	0.0	10.0/10.0 µg/L
Ethyl methacrylate	0/9	10.0	0.0	10.0/10.0 µg/L
Ethyl methanesulfonate	0/9	10.0	0.0	10.0/10.0 µg/L
Famphur	0/9	10.0	0.0	10.0/10.0 µg/L
Fluoranthene	0/10	1.0	0.0	1.0/1.0 µg/L
Fluorene	0/10	1.0	0.0	1.0/1.0 µg/L
Hexachlorobenzene	0/10	10.0	0.0	10.0/10.0 µg/L
Hexachlorobutadiene	0/10	10.0	0.0	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/10	10.0	0.0	10.0/10.0 µg/L
Hexachloroethane	0/10	10.0	0.0	10.0/10.0 µg/L
Hexachlorophene	0/9	500	0.0	500/500 µg/L
Hexachloropropene	0/9	10.0	0.0	10.0/10.0 µg/L
Indeno[1,2,3-c,d]pyrene	0/10	1.0	0.0	
Isodrin	0/9		0.0	10.0/10.0 µg/L
	0/10	10.0		10.0/10.0 µg/L
Isosafrole		10.0	0.0	
Kepone	0/9		0.0	10.0/10.0 µg/L
	0/9	10.0		10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol		10.0	0.0	
Methyl methanesulfonate	0/9		0.0	10.0/10.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
3-Methylcholanthrene	0/9	10.0	0.0	10.0/10.0 µg/L
2-Methylnaphthalene	0/10	1.0	0.0	1.0/1.0 µg/L
Naphthalene	0/10	1.0	0.0	1.0/1.0 µg/L
1,4-Naphthoquinone	0/9	10.0	0.0	10.0/10.0 µg/L
1-Naphthylamine	0/9	10.0	0.0	10.0/10.0 µg/L
2-Naphthylamine	0/9	10.0	0.0	10.0/10.0 µg/L
m-Nitroaniline	0/10	10.0	0.0	10.0/10.0 µg/L
o-Nitroaniline	0/10	10.0	0.0	10.0/10.0 µg/L
p-Nitroaniline	0/10	10.0	0.0	10.0/10.0 µg/L
Nitrobenzene	0/10	10.0	0.0	10.0/10.0 µg/L
2-Nitrophenol	0/10	10.0	0.0	10.0/10.0 µg/L
4-Nitrophenol	0/10	10.0	0.0	10.0/10.0 µg/L
4-Nitroquinoline-1-oxide	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodi-n-butylamine	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodiethylamine	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodimethylamine	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/10	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomethylethylamine	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosomorpholine	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosopiperidine	0/9	10.0	0.0	10.0/10.0 µg/L
N-Nitrosopyrrolidine	0/9	10.0	0.0	10.0/10.0 µg/L
5-Nitro-o-toluidine	0/9	10.0	0.0	10.0/10.0 µg/L
Parathion	0/9	10.0	0.0	10.0/10.0 µg/L
Parathion methyl	0/9	10.0	0.0	10.0/10.0 µg/L
Pentachlorobenzene	0/9	10.0	0.0	10.0/10.0 µg/L
Pentachloroethane	0/9	10.0	0.0	10.0/10.0 µg/L
Pentachloronitrobenzene	0/9	10.0	0.0	10.0/10.0 µg/L
Pentachlorophenol	0/10	10.0	0.0	10.0/10.0 µg/L
Phenacetin	0/9	10.0	0.0	10.0/10.0 µg/L
Phenanthrene	0/10	1.0	0.0	1.0/1.0 µg/L
Phenol	0/10	10.0	0.0	10.0/10.0 µg/L
p-Phenylenediamine	0/9	20.0	0.0	20.0/20.0 µg/L
Phorate	0/9	10.0	0.0	10.0/10.0 µg/L
2-Picoline	0/9	10.0	0.0	10.0/10.0 µg/L
Pronamid	0/9	10.0	0.0	10.0/10.0 µg/L
Pyrene	0/10	1.0	0.0	1.0/1.0 µg/L
Pyridine	0/9	10.0	0.0	10.0/10.0 µg/L
Safrole	0/9	10.0	0.0	10.0/10.0 µg/L
Sulfotepp	0/9	10.0	0.0	10.0/10.0 µg/L
1,2,4,5-Tetrachlorobenzene	0/9	10.0	0.0	10.0/10.0 µg/L
2,3,4,6-Tetrachlorophenol	0/9	10.0	0.0	10.0/10.0 µg/L
Thionazin	0/9	10.0	0.0	10.0/10.0 µg/L
o-Toluidine	0/9	10.0	0.0	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/10	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/10	10.0	0.0	10.0/10.0 µg/L
2,4,6-Trichlorophenol	0/10	10.0	0.0	10.0/10.0 µg/L
O,O,O-Triethyl phosphorothioate	0/9	10.0	0.0	10.0/10.0 µg/L
1,3,5-Trinitrobenzene	0/9	10.0	0.0	10.0/10.0 µg/L
EPA8280				
Heptachlorodibenzo-p-dioxins	0/6	0.01	0.0	0.01/0.01 µg/L
Heptachlorodibenzo-p-furans	0/6	0.01	0.0	0.01/0.01 µg/L
Hexachlorodibenzo-p-dioxins	0/6	0.01	0.0	0.01/0.01 µg/L
Hexachlorodibenzo-p-furans	0/6	0.01	0.0	0.01/0.01 µg/L
1,2,3,4,6,7,8-HPCDD	0/6	0.01	0.0	0.01/0.01 µg/L
1,2,3,4,6,7,8-HPCDF	0/6	0.01	0.0	0.01/0.01 µg/L
1,2,3,4,7,8-HXCDD	0/6	0.01	0.0	0.01/0.01 µg/L
1,2,3,4,7,8-HXCDF	0/6	0.01	0.0	0.01/0.01 µg/L
Octachlorodibenzo-p-dioxin	0/6	0.01	0.0	0.01/0.01 µg/L
Octachlorodibenzo-p-furan	0/6	0.01	0.0	0.01/0.01 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
1,2,3,7,8-PCDD	0/6	0.01	0.0	0.01/0.01 µg/L
1,2,3,7,8-PCDF	0/6	0.01	0.0	0.01/0.01 µg/L
Pentachlorodibenzo-p-furans	0/12	0.01	0.0	0.01/0.01 µg/L
2,3,7,8-TCDD	0/6	0.01	0.0	0.01/0.01 µg/L
2,3,7,8-TCDF	0/6	0.01	0.0	0.01/0.01 µg/L
Tetrachlorodibenzo-p-dioxins	0/6	0.01	0.0	0.01/0.01 µg/L
Tetrachlorodibenzo-p-furans	0/6	0.01	0.0	0.01/0.01 µg/L
EPA9012A				
Cyanide	1/17	4.87	0.54	2.78/5.0 µg/L
EPA9020B				
Total organic halogens	0/1	10.0	—	10.0/10.0 µg/L
EPA9034				
Sulfide	3/9	872	206	489/1,000 µg/L
EPA9056				
Chloride	0/1	100	—	100/100 µg/L
Nitrate as nitrogen	0/1	50.0	—	50.0/50.0 µg/L
Sulfate	0/1	200	—	200/200 µg/L
EPA9060				
Total organic carbon	0/1	200	—	200/200 µg/L
EPA9066				
Phenols	0/10	5.0	0.0	5.0/5.0 µg/L

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

— Standard deviation cannot be determined.

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

Table 75. Analytes Detected in Method Blanks for WA

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA160.1				
Total dissolved solids	1/1	5,000	—	5,000/5,000 µg/L
EPA310.1				
Alkalinity (as CaCO ₃)	0/1	6.70	—	6.70/6.70 meq/L
EPA340.2				
Fluoride	2/2	37.3	0.35	37.0/37.5 µg/L
EPA353.2				
Nitrate as nitrogen	0/1	20.0	—	20.0/20.0 µg/L
Nitrate-nitrite as nitrogen	0/8	42.5	63.6	20.0/200 µg/L
EPA365.2				
Total phosphates (as P)	0/4	67.0	0.0	67.0/67.0 µg/L
EPA6010B				
Aluminum	1/9	132	42.5	18.5/146 µg/L

Quality Control Samples

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
Antimony	0/6	27.0	0.0	27.0/27.0 µg/L
Arsenic	0/7	40.0	0.0	40.0/40.0 µg/L
Barium	4/6	0.80	0.78	0.22/1.80 µg/L
Beryllium	0/7	1.60	0.0	1.60/1.60 µg/L
Boron	0/3	266	0.0	266/266 µg/L
Cadmium	0/8	4.70	0.0	4.70/4.70 µg/L
Calcium	0/4	471	0.0	471/471 µg/L
Chromium	0/6	7.0	0.0	7.0/7.0 µg/L
Cobalt	0/6	4.50	0.0	4.50/4.50 µg/L
Copper	1/6	12.9	5.18	2.30/15.0 µg/L
Iron	6/9	34.0	30.1	11.8/74.0 µg/L
Lead	0/8	47.0	0.0	47.0/47.0 µg/L
Lithium	1/3	1.91	1.37	0.33/2.70 µg/L
Magnesium	0/4	74.0	0.0	74.0/74.0 µg/L
Manganese	0/6	7.80	0.0	7.80/7.80 µg/L
Nickel	0/6	26.0	0.0	26.0/26.0 µg/L
Potassium	0/3	187	0.0	187/187 µg/L
Selenium	0/7	66.0	0.0	66.0/66.0 µg/L
Silica	0/1	1,350	—	1,350/1,350 µg/L
Silver	1/6	4.29	1.75	0.71/5.0 µg/L
Sodium	0/5	285	0.0	285/285 µg/L
Thallium	0/7	55.0	0.0	55.0/55.0 µg/L
Tin	0/3	70.0	0.0	70.0/70.0 µg/L
Vanadium	0/6	6.90	0.0	6.90/6.90 µg/L
Zinc	1/6	46.4	16.1	13.5/53.0 µg/L
EPA7470A				
Mercury	0/8	0.70	0.0	0.70/0.70 µg/L
EPA8021B				
Carbon tetrachloride	0/2	0.50	0.0	0.50/0.50 µg/L
Chloroform	0/2	0.50	0.0	0.50/0.50 µg/L
Tetrachloroethylene	0/2	0.50	0.0	0.50/0.50 µg/L
1,1,1-Trichloroethane	0/2	0.50	0.0	0.50/0.50 µg/L
Trichloroethylene	0/3	0.67	0.29	0.50/1.0 µg/L
EPA8081A				
Aldrin	0/2	0.05	0.0	0.05/0.05 µg/L
alpha-Benzene hexachloride	0/2	0.05	0.0	0.05/0.05 µg/L
beta-Benzene hexachloride	0/2	0.05	0.0	0.05/0.05 µg/L
delta-Benzene hexachloride	0/2	0.05	0.0	0.05/0.05 µg/L
alpha-Chlordane	0/2	0.10	0.0	0.10/0.10 µg/L
gamma-Chlordane	0/2	0.10	0.0	0.10/0.10 µg/L
p,p'-DDD	0/2	0.10	0.0	0.10/0.10 µg/L
p,p'-DDE	0/2	0.10	0.0	0.10/0.10 µg/L
p,p'-DDT	0/2	0.10	0.0	0.10/0.10 µg/L
Dieldrin	0/2	0.10	0.0	0.10/0.10 µg/L
Endosulfan sulfate	0/2	0.10	0.0	0.10/0.10 µg/L
Endosulfan I	0/2	0.05	0.0	0.05/0.05 µg/L
Endosulfan II	0/2	0.10	0.0	0.10/0.10 µg/L
Endrin	0/2	0.10	0.0	0.10/0.10 µg/L
Endrin aldehyde	0/2	0.10	0.0	0.10/0.10 µg/L
Endrin ketone	0/2	0.10	0.0	0.10/0.10 µg/L
Heptachlor	0/2	0.05	0.0	0.05/0.05 µg/L
Heptachlor epoxide	0/2	0.05	0.0	0.05/0.05 µg/L
Lindane	0/4	0.05	0.0	0.05/0.05 µg/L
Methoxychlor	0/2	0.50	0.0	0.50/0.50 µg/L
Toxaphene	0/2	5.0	0.0	5.0/5.0 µg/L
EPA8082				

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
PCB 1016	0/3	1.0	0.0	1.0/1.0 µg/L
PCB 1221	0/3	2.0	0.0	2.0/2.0 µg/L
PCB 1232	0/3	1.0	0.0	1.0/1.0 µg/L
PCB 1242	0/3	1.0	0.0	1.0/1.0 µg/L
PCB 1248	0/3	1.0	0.0	1.0/1.0 µg/L
PCB 1254	0/3	1.0	0.0	1.0/1.0 µg/L
PCB 1260	0/3	1.0	0.0	1.0/1.0 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/2	1.0	0.0	1.0/1.0 µg/L
EPA8260B				
Acetone	1/13	9.96	0.15	9.47/10.0 µg/L
Acetonitrile	0/2	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/2	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/2	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/2	10.0	0.0	10.0/10.0 µg/L
Benzene	0/26	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/26	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/26	5.0	0.0	5.0/5.0 µg/L
Bromomethane	1/26	9.70	1.51	2.29/10.0 µg/L
Carbon disulfide	2/13	4.71	0.70	3.14/5.0 µg/L
Carbon tetrachloride	0/26	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/26	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/26	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/26	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/16	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/26	5.0	0.0	5.0/5.0 µg/L
Chloromethane	0/26	10.0	0.0	10.0/10.0 µg/L
Chloroprene	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/26	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/2	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/2	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/2	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/2	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/26	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/26	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/29	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/11	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/4	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	22/26	7.65	4.10	4.04/20.2 µg/L
1,2-Dichloropropane	0/26	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/26	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/26	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/26	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	0/2	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/2	100	0.0	100/100 µg/L
Methacrylonitrile	0/2	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/13	10.0	0.0	10.0/10.0 µg/L
Methyl isobutyl ketone	0/13	10.0	0.0	10.0/10.0 µg/L
Propionitrile	0/2	50.0	0.0	50.0/50.0 µg/L
Styrene	0/13	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/2	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/26	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/26	5.0	0.0	5.0/5.0 µg/L
Toluene	0/26	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/26	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
1,1,2-Trichloroethane	0/26	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	1/28	4.86	0.76	0.96/5.0 µg/L
Trichlorofluoromethane	0/18	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/2	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/8	10.0	0.0	10.0/10.0 µg/L
Xylenes	0/26	5.0	0.0	5.0/5.0 µg/L
EPA8270C				
Acenaphthene	0/2	10.0	0.0	10.0/10.0 µg/L
Acenaphthylene	0/2	10.0	0.0	10.0/10.0 µg/L
Anthracene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[a]anthracene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[b]fluoranthene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[k]fluoranthene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[g,h,i]perylene	0/2	10.0	0.0	10.0/10.0 µg/L
Benzo[a]pyrene	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethoxy) methane	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroethyl) ether	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-chloroisopropyl) ether	0/2	10.0	0.0	10.0/10.0 µg/L
Bis(2-ethylhexyl) phthalate	0/6	10.0	0.0	10.0/10.0 µg/L
4-Bromophenyl phenyl ether	0/2	10.0	0.0	10.0/10.0 µg/L
Butylbenzyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
Carbazole	0/2	10.0	0.0	10.0/10.0 µg/L
4-Chloroaniline	0/2	10.0	0.0	10.0/10.0 µg/L
4-Chloro-m-cresol	0/2	10.0	0.0	10.0/10.0 µg/L
2-Chloronaphthalene	0/2	10.0	0.0	10.0/10.0 µg/L
2-Chlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
4-Chlorophenyl phenyl ether	0/2	10.0	0.0	10.0/10.0 µg/L
Chrysene	0/2	10.0	0.0	10.0/10.0 µg/L
o-Cresol	0/2	10.0	0.0	10.0/10.0 µg/L
p-Cresol	0/2	10.0	0.0	10.0/10.0 µg/L
Dibenz[a,h]anthracene	0/2	10.0	0.0	10.0/10.0 µg/L
Dibenzofuran	0/2	10.0	0.0	10.0/10.0 µg/L
Di-n-butyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
1,2-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
1,3-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
1,4-Dichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
3,3'-Dichlorobenzidine	0/2	20.0	0.0	20.0/20.0 µg/L
2,4-Dichlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
Diethyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
2,4-Dimethyl phenol	0/2	10.0	0.0	10.0/10.0 µg/L
Dimethyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
2,4-Dinitrophenol	0/2	25.0	0.0	25.0/25.0 µg/L
2,4-Dinitrotoluene	0/2	10.0	0.0	10.0/10.0 µg/L
2,6-Dinitrotoluene	0/2	10.0	0.0	10.0/10.0 µg/L
Di-n-octyl phthalate	0/2	10.0	0.0	10.0/10.0 µg/L
Fluoranthene	0/2	10.0	0.0	10.0/10.0 µg/L
Fluorene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorobutadiene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachlorocyclopentadiene	0/2	10.0	0.0	10.0/10.0 µg/L
Hexachloroethane	0/2	10.0	0.0	10.0/10.0 µg/L
Indeno[1,2,3-c,d]pyrene	0/2	10.0	0.0	10.0/10.0 µg/L
Isophorone	0/2	10.0	0.0	10.0/10.0 µg/L
2-Methyl-4,6-dinitrophenol	0/2	25.0	0.0	25.0/25.0 µg/L
2-Methylnaphthalene	0/2	10.0	0.0	10.0/10.0 µg/L
Naphthalene	0/2	10.0	0.0	10.0/10.0 µg/L
m-Nitroaniline	0/2	25.0	0.0	25.0/25.0 µg/L
o-Nitroaniline	0/2	25.0	0.0	25.0/25.0 µg/L
p-Nitroaniline	0/2	25.0	0.0	25.0/25.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Nitrobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
2-Nitrophenol	0/2	10.0	0.0	10.0/10.0 µg/L
4-Nitrophenol	0/2	25.0	0.0	25.0/25.0 µg/L
N-Nitrosodiphenylamine	0/2	10.0	0.0	10.0/10.0 µg/L
N-Nitrosodipropylamine	0/2	10.0	0.0	10.0/10.0 µg/L
Pentachlorophenol	0/2	25.0	0.0	25.0/25.0 µg/L
Phenanthrene	0/2	10.0	0.0	10.0/10.0 µg/L
Phenol	0/2	10.0	0.0	10.0/10.0 µg/L
Pyrene	0/2	10.0	0.0	10.0/10.0 µg/L
1,2,4-Trichlorobenzene	0/2	10.0	0.0	10.0/10.0 µg/L
2,4,5-Trichlorophenol	0/2	25.0	0.0	25.0/25.0 µg/L
2,4,6-Trichlorophenol	0/2	10.0	0.0	10.0/10.0 µg/L
EPA8280A				
Hexachlorodibenzo-p-dioxins	0/3	1.50	0.0	1.50/1.50 ng/L
Hexachlorodibenzo-p-furans	0/3	1.60	0.0	1.60/1.60 ng/L
Pentachlorodibenzo-p-furans	0/6	1.95	0.27	1.70/2.20 ng/L
2,3,7,8-TCDD	0/4	1.20	0.0	1.20/1.20 ng/L
Tetrachlorodibenzo-p-dioxins	0/3	1.20	0.0	1.20/1.20 ng/L
Tetrachlorodibenzo-p-furans	0/3	1.10	0.0	1.10/1.10 ng/L
EPA9010B				
Cyanide	0/1	100	—	100/100 µg/L
EPA9012A				
Cyanide	0/1	15.2	—	15.2/15.2 µg/L
EPA9014				
Cyanide	0/7	15.2	0.0	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	0/8	120	0.0	120/120 µg/L
EPA9034				
Sulfide	0/1	10,000	—	10,000/10,000 µg/L
EPA9050A				
Specific conductance	0/6	9.08	0.45	8.90/10.0 µS/cm
EPA9056				
Chloride	2/4	224	15.6	210/237 µg/L
Sulfate	0/3	297	75.1	210/340 µg/L
EPA9060				
Total organic carbon	4/6	470	415	143/1,000 µg/L
EPA9066				
Phenols	0/3	37.0	0.0	37.0/37.0 µg/L

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

— Standard deviation cannot be determined.

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

Quality Control Samples

Table 76. Analytes Detected in Method Blanks for EM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Benzene	0/2	2.0	0.0	2.0/2.0 µg/L
Carbon tetrachloride	0/2	2.0	0.0	2.0/2.0 µg/L
Chlorobenzene	0/2	2.0	0.0	2.0/2.0 µg/L
Chloroform	0/2	2.0	0.0	2.0/2.0 µg/L
1,1-Dichloroethylene	0/2	2.0	0.0	2.0/2.0 µg/L
Tetrachloroethylene	0/2	2.0	0.0	2.0/2.0 µg/L
Toluene	0/2	2.0	0.0	2.0/2.0 µg/L
1,1,1-Trichloroethane	0/2	2.0	0.0	2.0/2.0 µg/L
Trichloroethylene	0/2	2.0	0.0	2.0/2.0 µg/L

† 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 77. Analytes Detected in Method Blanks for GP

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPIA-001				
Gross alpha	2/43	2.38E-10	5.42E-10	-3.35E-10/3.06E-09 µCi/mL
Nonvolatile beta	0/43	2.81E-10	5.02E-10	-8.13E-10/1.86E-09 µCi/mL
EPIA-002				
Tritium	0/45	2.57E-08	1.44E-07	-2.20E-07/5.44E-07 µCi/mL
EPIA-003				
Carbon-14	1/21	5.13E-09	7.33E-09	-8.89E-09/1.92E-08 µCi/mL
EPIA-004				
Strontium-89/90	0/5	4.27E-10	1.83E-09	-1.06E-09/3.51E-09 µCi/mL
Strontium-90	1/20	1.63E-10	6.17E-10	-1.11E-09/1.42E-09 µCi/mL
EPIA-005				
Technetium-99	1/23	2.26E-10	6.49E-09	-1.19E-08/1.84E-08 µCi/mL
EPIA-006				
Iodine-129	0/21	2.63E-11	4.07E-10	-4.47E-10/1.34E-09 µCi/mL
EPIA-007				
Radon-222	0/2	-2.03E-08	4.24E-10	-2.06E-08/-2.00E-08 µCi/mL
EPIA-008				
Radium-226	0/19	3.99E-10	2.26E-10	0.0/7.71E-10 µCi/mL
EPIA-009				
Radium-228	1/22	3.74E-10	4.63E-10	-2.26E-10/1.58E-09 µCi/mL
EPIA-010				
Radium, total alpha-emitting	0/8	4.99E-11	4.96E-11	-1.50E-11/1.37E-10 µCi/mL
EPIA-011				

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Americium-241	0/28	1.56E-10	2.69E-10	-6.21E-10/9.80E-10 µCi/mL
Curium-242	0/28	-4.47E-11	1.44E-10	-7.42E-10/6.32E-11 µCi/mL
Curium-243/244	0/28	4.05E-11	3.17E-10	-1.17E-09/7.92E-10 µCi/mL
Curium-245/246	1/28	3.30E-10	6.01E-10	-5.04E-11/2.38E-09 µCi/mL
Plutonium-238	0/26	5.86E-11	3.00E-10	-7.45E-10/9.46E-10 µCi/mL
Plutonium-239/240	0/26	2.57E-11	1.60E-10	-5.61E-10/3.97E-10 µCi/mL
Uranium-233/234	1/29	1.37E-10	2.54E-10	-2.45E-10/1.07E-09 µCi/mL
Uranium-235	0/29	3.12E-11	1.26E-10	-2.80E-10/4.48E-10 µCi/mL
Uranium-238	0/29	4.84E-11	2.26E-10	-2.52E-10/1.17E-09 µCi/mL
EPIA-012				
Thorium-228	1/25	1.68E-11	1.63E-10	-2.62E-10/6.94E-10 µCi/mL
Thorium-230	4/25	1.57E-10	2.03E-10	5.97E-12/8.56E-10 µCi/mL
Thorium-232	0/25	6.29E-12	2.00E-11	-3.67E-11/5.80E-11 µCi/mL
EPIA-013				
Actinium-228	0/25	4.39E-09	3.73E-09	-4.14E-09/1.34E-08 µCi/mL
Antimony-125	0/25	1.01E-10	1.90E-09	-4.28E-09/3.97E-09 µCi/mL
Bismuth-212	1/24	6.99E-09	7.95E-09	-6.53E-09/2.68E-08 µCi/mL
Bismuth-214	1/24	3.60E-09	2.21E-09	3.29E-10/8.09E-09 µCi/mL
Cerium-144	0/6	-1.89E-09	6.37E-09	-1.13E-08/3.96E-09 µCi/mL
Cesium-134	0/25	-5.26E-10	7.36E-10	-2.88E-09/5.12E-10 µCi/mL
Cesium-137	1/26	5.13E-10	1.42E-09	-1.18E-09/5.62E-09 µCi/mL
Cobalt-57	0/6	1.38E-10	4.79E-10	-3.97E-10/8.65E-10 µCi/mL
Cobalt-60	0/26	2.81E-10	8.83E-10	-9.95E-10/2.93E-09 µCi/mL
Europium-152	0/25	2.59E-10	3.47E-09	-3.68E-09/1.24E-08 µCi/mL
Europium-154	0/26	8.59E-10	2.96E-09	-3.27E-09/6.95E-09 µCi/mL
Europium-155	0/25	1.55E-09	2.42E-09	-3.54E-09/6.17E-09 µCi/mL
Lead-212	0/25	2.98E-09	2.74E-09	0.0/1.01E-08 µCi/mL
Manganese-54	0/6	-1.88E-11	6.85E-10	-8.68E-10/1.20E-09 µCi/mL
Potassium-40	1/26	1.92E-08	9.55E-09	2.53E-09/4.26E-08 µCi/mL
Promethium-144	0/6	-2.09E-10	8.93E-10	-1.44E-09/9.50E-10 µCi/mL
Promethium-146	0/25	1.34E-11	8.52E-10	-1.86E-09/1.50E-09 µCi/mL
Ruthenium-106	0/6	-1.85E-09	5.40E-09	-1.11E-08/5.75E-09 µCi/mL
Sodium-22	0/6	7.77E-10	8.01E-10	-1.36E-10/2.02E-09 µCi/mL
Thallium-208	1/25	1.40E-09	1.32E-09	2.13E-11/4.66E-09 µCi/mL
Yttrium-88	0/6	6.43E-10	1.32E-09	-1.27E-09/2.49E-09 µCi/mL
Zinc-65	0/6	6.85E-10	1.78E-09	-1.46E-09/3.59E-09 µCi/mL
EPIA-022				
Nickel-63	0/11	8.03E-09	1.52E-08	-1.19E-08/4.18E-08 µCi/mL
EPIA-032				
Neptunium-237	0/2	2.88E-11	3.69E-11	2.74E-12/5.49E-11 µCi/mL

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

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

Quality Control Samples

Table 78. Analytes Detected in Method Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA6010B				
Aluminum	1/8	36.3	10.4	10.5/40.0 µg/L
Antimony	4/8	14.5	6.30	4.34/20.0 µg/L
Arsenic	1/8	18.0	5.62	4.10/20.0 µg/L
Barium	0/8	15.0	0.0	15.0/15.0 µg/L
Beryllium	0/8	5.0	0.0	5.0/5.0 µg/L
Cadmium	0/8	25.0	0.0	25.0/25.0 µg/L
Calcium	2/8	98.9	39.3	27.2/120 µg/L
Chromium	0/8	30.0	0.0	30.0/30.0 µg/L
Cobalt	0/8	20.0	0.0	20.0/20.0 µg/L
Copper	0/8	60.0	0.0	60.0/60.0 µg/L
Iron	1/8	36.6	9.76	12.4/40.0 µg/L
Lead	2/8	17.9	4.03	9.33/20.0 µg/L
Magnesium	0/8	185	0.0	185/185 µg/L
Manganese	1/8	9.62	1.09	6.93/10.0 µg/L
Nickel	0/8	60.0	0.0	60.0/60.0 µg/L
Potassium	0/8	1,870	0.0	1,870/1,870 µg/L
Selenium	1/8	36.7	9.44	13.3/40.0 µg/L
Silver	0/8	50.0	0.0	50.0/50.0 µg/L
Sodium	1/8	629	130	306/675 µg/L
Thallium	2/8	16.6	6.37	5.19/20.0 µg/L
Vanadium	0/8	30.0	0.0	30.0/30.0 µg/L
Zinc	1/8	27.4	7.34	9.23/30.0 µg/L
EPA7470A				
Mercury	0/9	0.20	0.0	0.20/0.20 µg/L
EPA8082				
PCB 1016	0/5	1.0	0.0	1.0/1.0 µg/L
PCB 1221	0/5	1.0	0.0	1.0/1.0 µg/L
PCB 1232	0/5	1.0	0.0	1.0/1.0 µg/L
PCB 1242	0/5	1.0	0.0	1.0/1.0 µg/L
PCB 1248	0/5	1.0	0.0	1.0/1.0 µg/L
PCB 1254	0/5	1.0	0.0	1.0/1.0 µg/L
PCB 1260	0/5	1.0	0.0	1.0/1.0 µg/L
EPA8260B				
Acetone	3/50	9.76	0.97	5.78/10.0 µg/L
Benzene	0/50	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/50	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/50	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/50	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/50	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/50	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/50	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/50	1.0	0.0	1.0/1.0 µg/L
Chloroethene	0/50	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/50	1.0	0.0	1.0/1.0 µg/L
Chloromethane	0/50	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/50	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/50	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/50	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/50	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/36	1.0	0.0	1.0/1.0 µg/L
cis-1,2-Dichloroethylene	0/25	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/25	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	0/50	10.0	0.0	10.0/10.0 µg/L
1,2-Dichloropropane	0/50	1.0	0.0	1.0/1.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
cis-1,3-Dichloropropene	0/50	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/50	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/50	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/50	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/50	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/50	5.0	0.0	5.0/5.0 µg/L
Styrene	0/50	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/50	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/50	1.0	0.0	1.0/1.0 µg/L
Toluene	0/50	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/50	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/50	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	5/50	0.98	0.06	0.78/1.0 µg/L
Vinyl acetate	0/50	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/50	1.0	0.0	1.0/1.0 µg/L
EPA9014				
Cyanide	0/5	20.0	0.0	20.0/20.0 µg/L
EPIA-001				
Gross alpha	0/4	-8.33E-11	1.58E-09	-1.32E-09/1.98E-09 µCi/mL
Nonvolatile beta	0/1	6.90E-10	—	6.90E-10/6.90E-10 µCi/mL
EPIA-002				
Tritium	0/7	5.87E-08	6.78E-08	-5.31E-08/1.56E-07 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 79. Analytes Detected in Method Blanks for TM

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
3500NIEMOD				
Nickel-63	0/3	-3.20E-09	2.11E-09	-4.88E-09/-8.40E-10 µCi/mL
EICHROMTC1MOD				
Technetium-99	0/5	4.85E-09	6.10E-09	-2.32E-09/1.25E-08 µCi/mL
EMLSR02MOD				
Strontium-90	1/8	5.00E-11	4.44E-10	-4.30E-10/9.40E-10 µCi/mL
ENICMOD				
Carbon-14	0/1	1.06E-07	—	1.06E-07/1.06E-07 µCi/mL
EPA900.0MOD				
Gross alpha	0/39	-4.00E-11	1.21E-10	-3.10E-10/1.50E-10 µCi/mL
Nonvolatile beta	0/37	-1.55E-10	2.47E-10	-1.04E-09/4.50E-10 µCi/mL
EPA901.1MOD				
Cesium-137	0/7	-6.90E-10	3.33E-09	-6.71E-09/2.95E-09 µCi/mL
Cobalt-60	0/7	2.02E-09	3.44E-09	-2.90E-09/6.83E-09 µCi/mL

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA902.0MOD Iodine-129	2/6	5.33E-09	9.93E-09	-2.10E-10/2.51E-08 µCi/mL
EPA903.0MOD Radium, total alpha-emitting	1/4	1.78E-10	1.35E-10	2.00E-11/3.50E-10 µCi/mL
EPA904.0MOD Radium-228	0/7	2.33E-10	3.39E-10	-3.30E-10/7.20E-10 µCi/mL
EPA906.0MOD Tritium	1/42	1.46E-07	5.31E-07	-7.30E-07/2.59E-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 80. Analytes Detected in Field Blanks for EX

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA300.0				
Chloride	1/3	219	172	58.0/400 µg/L
Fluoride	0/3	133	57.7	100/200 µg/L
Nitrate-nitrite as nitrogen	2/8	530	478	100/1,630 µg/L
Sulfate	4/9	530	122	362/771 µg/L
Total phosphates (as P)	0/3	2,500	0.0	2,500/2,500 µg/L
EPA6010B				
Aluminum	4/14	146	75.3	35.7/200 µg/L
Arsenic	0/4	10.0	0.0	10.0/10.0 µg/L
Barium	0/4	10.0	0.0	10.0/10.0 µg/L
Cadmium	0/1	10.0	—	10.0/10.0 µg/L
Chromium	0/4	10.0	0.0	10.0/10.0 µg/L
Iron	2/14	151	81.1	12.3/200 µg/L
Lead	0/5	10.0	0.0	10.0/10.0 µg/L
Manganese	0/3	10.0	0.0	10.0/10.0 µg/L
Nickel	0/3	50.0	0.0	50.0/50.0 µg/L
Selenium	0/4	10.0	0.0	10.0/10.0 µg/L
Silver	0/4	16.4	7.11	5.78/20.0 µg/L
Sodium	1/13	928	260	62.6/1,000 µg/L
EPA7470A				
Mercury	0/4	0.50	0.0	0.50/0.50 µg/L
EPA8081A				
Lindane	0/3	0.10	0.00	0.10/0.10 µg/L
EPA8151A				
2,4-Dichlorophenoxyacetic acid	0/3	0.20	0.0	0.20/0.20 µg/L
EPA8270C				
Phenol	0/3	9.67	0.15	9.50/9.80 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA9014				
Cyanide	0/4	10.0	0.0	10.0/10.0 µg/L
EPA9060				
Total organic carbon	0/3	5,000	0.0	5,000/5,000 µg/L

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

— Standard deviation cannot be determined.

Notes: A value of 0 is reported as 0.0.

Numbers less than 0.004 are reported as 0.00.

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

Table 81. Analytes Detected in Field Blanks for GE

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA160.1				
Total dissolved solids	0/1	10,000	—	10,000/10,000 µg/L
EPA310.1				
Alkalinity (as CaCO ₃)	1/1	3.06	—	3.06/3.06 meq/L
EPA353.1				
Nitrate-nitrite as nitrogen	1/18	40.6	15.1	10.0/50.0 µg/L
EPA365.4				
Total phosphates (as P)	0/2	50.0	0.0	50.0/50.0 µg/L
EPA6010B				
Aluminum	0/2	50.0	0.0	50.0/50.0 µg/L
Antimony	0/2	10.0	0.0	10.0/10.0 µg/L
Arsenic	0/2	5.0	0.0	5.0/5.0 µg/L
Barium	0/2	5.0	0.0	5.0/5.0 µg/L
Beryllium	0/2	5.0	0.0	5.0/5.0 µg/L
Boron	1/1	9.0	—	9.0/9.0 µg/L
Cadmium	0/2	5.0	0.0	5.0/5.0 µg/L
Calcium	1/2	74.1	36.7	48.1/100 µg/L
Chromium	0/2	5.0	0.0	5.0/5.0 µg/L
Cobalt	0/2	5.0	0.0	5.0/5.0 µg/L
Copper	0/2	5.0	0.0	5.0/5.0 µg/L
Iron	0/2	50.0	0.0	50.0/50.0 µg/L
Lead	0/3	5.0	0.0	5.0/5.0 µg/L
Magnesium	1/2	13.2	9.59	6.44/20.0 µg/L
Manganese	0/2	10.0	0.0	10.0/10.0 µg/L
Nickel	0/2	5.0	0.0	5.0/5.0 µg/L
Potassium	0/2	100	0.0	100/100 µg/L
Selenium	0/2	5.0	0.0	5.0/5.0 µg/L
Silver	0/2	5.0	0.0	5.0/5.0 µg/L
Sodium	0/2	100	0.0	100/100 µg/L
Thallium	0/2	10.0	0.0	10.0/10.0 µg/L
Tin	0/1	10.0	—	10.0/10.0 µg/L
Uranium	0/2	50.0	0.0	50.0/50.0 µg/L
Vanadium	0/2	5.0	0.0	5.0/5.0 µg/L
Zinc	0/2	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA6020				
Aluminum	3/9	12.0	5.97	3.18/22.3 µg/L
Antimony	0/9	1.41	0.89	0.13/2.0 µg/L
Arsenic	1/9	2.94	1.07	2.23/5.69 µg/L
Barium	4/9	0.99	0.79	0.25/2.0 µg/L
Beryllium	2/9	0.17	0.07	0.04/0.20 µg/L
Cadmium	0/9	1.0	0.0	1.0/1.0 µg/L
Chromium	2/10	3.61	2.39	1.84/9.60 µg/L
Cobalt	0/9	1.0	0.0	1.0/1.0 µg/L
Copper	1/9	3.46	4.37	2.0/15.1 µg/L
Iron	4/9	23.0	5.22	10.1/28.2 µg/L
Lead	0/9	1.59	0.81	0.16/2.0 µg/L
Lithium	0/1	10.0	—	10.0/10.0 µg/L
Nickel	1/9	0.80	0.91	0.08/2.0 µg/L
Selenium	0/9	2.71	0.87	0.41/3.0 µg/L
Silver	0/9	0.49	0.38	0.21/1.0 µg/L
Thallium	0/9	0.41	0.18	0.06/0.50 µg/L
Tin	0/9	1.60	0.80	0.18/2.0 µg/L
Uranium	0/1	0.20	—	0.20/0.20 µg/L
Vanadium	1/9	7.97	3.56	2.20/11.3 µg/L
Zinc	5/9	4.98	3.96	1.07/10.0 µg/L
EPA7470A				
Mercury	0/11	0.20	0.0	0.20/0.20 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
EPA8270C				
Bis(2-ethylhexyl) phthalate	5/6	24.4	38.7	2.73/103 µg/L
EPA9012A				
Cyanide	0/9	5.0	0.0	5.0/5.0 µg/L
EPA9020B				
Total organic halogens	0/1	10.0	—	10.0/10.0 µg/L
EPA9040B				
pH	14/14	5.81	0.12	5.68/6.08 pH
EPA9050A				
Specific conductance	14/15	1.56	0.34	1.0/2.53 µS/cm
EPA9056				
Chloride	0/3	100	0.0	100/100 µg/L
Fluoride	0/2	50.0	0.0	50.0/50.0 µg/L
Nitrate as nitrogen	1/1	50.0	—	50.0/50.0 µg/L
Sulfate	0/3	200	0.0	200/200 µg/L
EPA9060				
Total organic carbon	0/1	200	—	200/200 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA9066				
Phenols	2/4	3.86	1.37	2.27/5.0 µg/L

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

— Standard deviation cannot be determined.

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 82. Analytes Detected in Field Blanks for WA

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA6010B				
Aluminum	0/1	146	—	146/146 µg/L
Antimony	0/1	27.0	—	27.0/27.0 µg/L
Arsenic	0/1	40.0	—	40.0/40.0 µg/L
Barium	0/1	1.80	—	1.80/1.80 µg/L
Beryllium	0/1	1.60	—	1.60/1.60 µg/L
Cadmium	0/1	4.70	—	4.70/4.70 µg/L
Calcium	0/1	471	—	471/471 µg/L
Chromium	0/1	7.0	—	7.0/7.0 µg/L
Cobalt	0/1	4.50	—	4.50/4.50 µg/L
Copper	0/1	15.0	—	15.0/15.0 µg/L
Iron	0/1	74.0	—	74.0/74.0 µg/L
Lead	0/1	47.0	—	47.0/47.0 µg/L
Magnesium	1/1	12.9	—	12.9/12.9 µg/L
Manganese	0/1	7.80	—	7.80/7.80 µg/L
Nickel	0/1	26.0	—	26.0/26.0 µg/L
Potassium	0/1	187	—	187/187 µg/L
Selenium	0/1	66.0	—	66.0/66.0 µg/L
Silver	0/1	5.0	—	5.0/5.0 µg/L
Sodium	0/1	285	—	285/285 µg/L
Thallium	0/1	55.0	—	55.0/55.0 µg/L
Vanadium	0/1	6.90	—	6.90/6.90 µg/L
Zinc	0/1	53.0	—	53.0/53.0 µg/L
EPA7470A				
Mercury	0/1	0.70	—	0.70/0.70 µg/L
EPA8081A				
Aldrin	0/1	0.05	—	0.05/0.05 µg/L
alpha-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
beta-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
delta-Benzene hexachloride	0/1	0.05	—	0.05/0.05 µg/L
alpha-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
gamma-Chlordane	0/1	0.10	—	0.10/0.10 µg/L
p,p'-DDD	0/1	0.11	—	0.11/0.11 µg/L
p,p'-DDE	0/1	0.11	—	0.11/0.11 µg/L
p,p'-DDT	0/1	0.11	—	0.11/0.11 µg/L
Dieldrin	0/1	0.11	—	0.11/0.11 µg/L
Endosulfan sulfate	0/1	0.11	—	0.11/0.11 µg/L
Endosulfan I	0/1	0.05	—	0.05/0.05 µg/L
Endosulfan II	0/1	0.11	—	0.11/0.11 µg/L
Endrin	0/1	0.11	—	0.11/0.11 µg/L
Endrin aldehyde	0/1	0.11	—	0.11/0.11 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Endrin ketone	0/1	0.11	—	0.11/0.11 µg/L
Heptachlor	0/1	0.05	—	0.05/0.05 µg/L
Heptachlor epoxide	0/1	0.05	—	0.05/0.05 µg/L
Lindane	0/1	0.05	—	0.05/0.05 µg/L
Methoxychlor	0/1	0.53	—	0.53/0.53 µg/L
Toxaphene	0/1	5.25	—	5.25/5.25 µg/L
EPA8082				
PCB 1016	0/1	1.03	—	1.03/1.03 µg/L
PCB 1221	0/1	2.06	—	2.06/2.06 µg/L
PCB 1232	0/1	1.03	—	1.03/1.03 µg/L
PCB 1242	0/1	1.03	—	1.03/1.03 µg/L
PCB 1248	0/1	1.03	—	1.03/1.03 µg/L
PCB 1254	0/1	1.03	—	1.03/1.03 µg/L
PCB 1260	0/1	1.03	—	1.03/1.03 µg/L
EPA8270C				
Acenaphthene	0/1	10.6	—	10.6/10.6 µg/L
Acenaphthylene	0/1	10.6	—	10.6/10.6 µg/L
Anthracene	0/1	10.6	—	10.6/10.6 µg/L
Benzo[a]anthracene	0/1	10.6	—	10.6/10.6 µg/L
Benzo[b]fluoranthene	0/1	10.6	—	10.6/10.6 µg/L
Benzo[k]fluoranthene	0/1	10.6	—	10.6/10.6 µg/L
Benzo[g,h,i]perylene	0/1	10.6	—	10.6/10.6 µg/L
Benzo[a]pyrene	0/1	10.6	—	10.6/10.6 µg/L
Bis(2-chloroethoxy) methane	0/1	10.6	—	10.6/10.6 µg/L
Bis(2-chloroethyl) ether	0/1	10.6	—	10.6/10.6 µg/L
Bis(2-chloroisopropyl) ether	0/1	10.6	—	10.6/10.6 µg/L
Bis(2-ethylhexyl) phthalate	1/1	11.1	—	11.1/11.1 µg/L
4-Bromophenyl phenyl ether	0/1	10.6	—	10.6/10.6 µg/L
Butylbenzyl phthalate	0/1	10.6	—	10.6/10.6 µg/L
Carbazole	0/1	10.6	—	10.6/10.6 µg/L
4-Chloroaniline	0/1	10.6	—	10.6/10.6 µg/L
4-Chloro-m-cresol	0/1	10.6	—	10.6/10.6 µg/L
2-Chloronaphthalene	0/1	10.6	—	10.6/10.6 µg/L
2-Chlorophenol	0/1	10.6	—	10.6/10.6 µg/L
4-Chlorophenyl phenyl ether	0/1	10.6	—	10.6/10.6 µg/L
Chrysene	0/1	10.6	—	10.6/10.6 µg/L
o-Cresol	0/1	10.6	—	10.6/10.6 µg/L
p-Cresol	0/1	10.6	—	10.6/10.6 µg/L
Dibenz[a,h]anthracene	0/1	10.6	—	10.6/10.6 µg/L
Dibenzofuran	0/1	10.6	—	10.6/10.6 µg/L
Di-n-butyl phthalate	0/1	10.6	—	10.6/10.6 µg/L
1,2-Dichlorobenzene	0/1	10.6	—	10.6/10.6 µg/L
1,3-Dichlorobenzene	0/1	10.6	—	10.6/10.6 µg/L
1,4-Dichlorobenzene	0/1	10.6	—	10.6/10.6 µg/L
3,3'-Dichlorobenzidine	0/1	20.0	—	20.0/20.0 µg/L
2,4-Dichlorophenol	0/1	10.6	—	10.6/10.6 µg/L
Diethyl phthalate	0/1	10.6	—	10.6/10.6 µg/L
2,4-Dimethyl phenol	0/1	10.6	—	10.6/10.6 µg/L
Dimethyl phthalate	0/1	10.6	—	10.6/10.6 µg/L
2,4-Dinitrophenol	0/1	26.6	—	26.6/26.6 µg/L
2,4-Dinitrotoluene	0/1	10.6	—	10.6/10.6 µg/L
2,6-Dinitrotoluene	0/1	10.6	—	10.6/10.6 µg/L
Di-n-octyl phthalate	0/1	10.6	—	10.6/10.6 µg/L
Fluoranthene	0/1	10.6	—	10.6/10.6 µg/L
Fluorene	0/1	10.6	—	10.6/10.6 µg/L
Hexachlorobenzene	0/1	10.6	—	10.6/10.6 µg/L
Hexachlorobutadiene	0/1	10.6	—	10.6/10.6 µg/L
Hexachlorocyclopentadiene	0/1	10.6	—	10.6/10.6 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Hexachloroethane	0/1	10.6	—	10.6/10.6 µg/L
Indeno[1,2,3-c,d]pyrene	0/1	10.6	—	10.6/10.6 µg/L
Isophorone	0/1	10.6	—	10.6/10.6 µg/L
2-Methyl-4,6-dinitrophenol	0/1	26.6	—	26.6/26.6 µg/L
2-Methylnaphthalene	0/1	10.6	—	10.6/10.6 µg/L
Naphthalene	0/1	10.6	—	10.6/10.6 µg/L
m-Nitroaniline	0/1	26.6	—	26.6/26.6 µg/L
o-Nitroaniline	0/1	26.6	—	26.6/26.6 µg/L
p-Nitroaniline	0/1	26.6	—	26.6/26.6 µg/L
Nitrobenzene	0/1	10.6	—	10.6/10.6 µg/L
2-Nitrophenol	0/1	10.6	—	10.6/10.6 µg/L
4-Nitrophenol	0/1	26.6	—	26.6/26.6 µg/L
N-Nitrosodiphenylamine	0/1	10.6	—	10.6/10.6 µg/L
N-Nitrosodipropylamine	0/1	10.6	—	10.6/10.6 µg/L
Pentachlorophenol	0/1	26.6	—	26.6/26.6 µg/L
Phenanthrene	0/1	10.6	—	10.6/10.6 µg/L
Phenol	0/1	10.6	—	10.6/10.6 µg/L
Pyrene	0/1	10.6	—	10.6/10.6 µg/L
1,2,4-Trichlorobenzene	0/1	10.6	—	10.6/10.6 µg/L
2,4,5-Trichlorophenol	0/1	26.6	—	26.6/26.6 µg/L
2,4,6-Trichlorophenol	0/1	10.6	—	10.6/10.6 µg/L
EPA9014				
Cyanide	0/1	15.2	—	15.2/15.2 µg/L
EPA9020B				
Total organic halogens	0/3	120	0.0	120/120 µg/L

† 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 83. Analytes Detected in Field Blanks for GP

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-001				
Gross alpha	2/22	1.57E-10	2.38E-10	-2.86E-10/8.64E-10 µCi/mL
Nonvolatile beta	1/22	2.87E-10	4.16E-10	-6.22E-10/1.22E-09 µCi/mL
EPIA-002				
Tritium	0/17	-1.44E-07	1.96E-07	-6.85E-07/2.92E-08 µCi/mL
EPIA-003				
Carbon-14	0/8	-7.08E-10	3.67E-09	-9.24E-09/2.84E-09 µCi/mL
EPIA-004				
Strontium-90	0/11	1.78E-11	2.26E-10	-3.95E-10/4.58E-10 µCi/mL
EPIA-005				
Technetium-99	0/8	-2.63E-09	6.25E-09	-1.33E-08/7.57E-09 µCi/mL

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPIA-006 Iodine-129	0/10	3.39E-10	6.01E-10	-5.13E-10/1.52E-09 µCi/mL
EPIA-007 Radon-222	0/1	-4.45E-08	—	-4.45E-08/-4.45E-08 µCi/mL
EPIA-008 Radium-226	5/11	1.06E-09	9.64E-10	1.30E-10/3.84E-09 µCi/mL
EPIA-009 Radium-228	1/12	3.42E-10	3.98E-10	-2.00E-10/1.19E-09 µCi/mL
EPIA-010 Radium, total alpha-emitting	0/4	1.13E-10	1.61E-10	-5.10E-11/2.56E-10 µCi/mL
EPIA-011 Americium-241	0/10	1.55E-10	5.28E-10	-7.05E-10/9.80E-10 µCi/mL
Curium-242	0/10	-6.22E-11	9.00E-11	-2.13E-10/9.60E-11 µCi/mL
Curium-243/244	1/10	1.47E-10	7.66E-10	-1.15E-09/1.94E-09 µCi/mL
Curium-245/246	3/10	5.76E-10	7.86E-10	-1.10E-10/2.64E-09 µCi/mL
Plutonium-238	2/10	4.47E-10	8.16E-10	-4.76E-10/1.93E-09 µCi/mL
Plutonium-239/240	0/10	5.23E-11	2.24E-10	-2.25E-10/5.02E-10 µCi/mL
Uranium-233/234	0/11	1.24E-10	2.87E-10	-5.68E-10/5.08E-10 µCi/mL
Uranium-235	0/11	6.18E-11	3.21E-10	-5.17E-10/6.65E-10 µCi/mL
Uranium-238	0/11	1.41E-10	2.69E-10	-1.13E-10/6.29E-10 µCi/mL
EPIA-012 Thorium-228	0/9	4.58E-11	3.46E-10	-3.93E-10/5.16E-10 µCi/mL
Thorium-230	6/9	1.03E-09	1.12E-09	4.70E-11/3.57E-09 µCi/mL
Thorium-232	0/9	-4.29E-11	1.81E-10	-5.18E-10/7.35E-11 µCi/mL
EPIA-013 Actinium-228	0/8	4.65E-09	2.34E-09	1.14E-09/8.80E-09 µCi/mL
Antimony-125	0/8	6.81E-10	3.21E-09	-3.42E-09/7.01E-09 µCi/mL
Bismuth-212	0/8	3.45E-09	8.01E-09	-1.16E-08/1.19E-08 µCi/mL
Bismuth-214	1/8	4.37E-09	4.26E-09	4.44E-10/1.38E-08 µCi/mL
Cesium-134	0/8	7.24E-11	7.82E-10	-8.92E-10/9.80E-10 µCi/mL
Cesium-137	1/8	1.48E-09	2.51E-09	-5.34E-10/6.98E-09 µCi/mL
Cobalt-60	0/8	5.47E-10	5.63E-10	-5.35E-10/1.21E-09 µCi/mL
Europium-152	0/8	1.44E-09	2.25E-09	-3.53E-09/3.38E-09 µCi/mL
Europium-154	0/8	1.14E-09	2.59E-09	-1.91E-09/5.85E-09 µCi/mL
Europium-155	0/8	1.58E-09	2.60E-09	-2.49E-09/5.01E-09 µCi/mL
Lead-212	2/8	3.44E-09	2.17E-09	9.14E-10/6.77E-09 µCi/mL
Potassium-40	0/8	2.18E-08	1.10E-08	5.93E-09/3.70E-08 µCi/mL
Promethium-146	0/8	-3.02E-10	8.48E-10	-1.36E-09/1.18E-09 µCi/mL
Thallium-208	2/8	2.38E-09	1.30E-09	4.13E-10/3.93E-09 µCi/mL
EPIA-022 Nickel-63	0/3	3.16E-09	5.52E-09	-3.07E-09/7.42E-09 µCi/mL
EPIA-032 Neptunium-237	0/1	3.54E-11	—	3.54E-11/3.54E-11 µCi/mL

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

— Standard deviation cannot be determined.

Quality Control Samples

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 84. Analytes Detected in Field Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA6010B				
Aluminum	1/2	30.7	13.2	21.3/40.0 µg/L
Antimony	0/2	14.3	1.20	13.4/15.1 µg/L
Arsenic	0/2	20.0	0.0	20.0/20.0 µg/L
Barium	0/2	15.0	0.0	15.0/15.0 µg/L
Beryllium	0/2	5.0	0.0	5.0/5.0 µg/L
Cadmium	0/2	25.0	0.0	25.0/25.0 µg/L
Calcium	1/2	53.2	27.0	34.1/72.3 µg/L
Chromium	0/2	30.0	0.0	30.0/30.0 µg/L
Cobalt	0/2	20.0	0.0	20.0/20.0 µg/L
Copper	0/2	60.0	0.0	60.0/60.0 µg/L
Iron	0/2	28.1	16.9	16.1/40.0 µg/L
Lead	0/2	20.0	0.0	20.0/20.0 µg/L
Magnesium	0/2	185	0.0	185/185 µg/L
Manganese	1/2	7.55	3.47	5.09/10.0 µg/L
Nickel	0/2	60.0	0.0	60.0/60.0 µg/L
Potassium	0/2	1,870	0.0	1,870/1,870 µg/L
Selenium	0/2	40.0	0.0	40.0/40.0 µg/L
Silver	0/2	50.0	0.0	50.0/50.0 µg/L
Sodium	0/2	675	0.0	675/675 µg/L
Thallium	0/2	20.0	0.0	20.0/20.0 µg/L
Vanadium	0/2	30.0	0.0	30.0/30.0 µg/L
Zinc	0/2	30.0	0.0	30.0/30.0 µg/L
EPA7470A				
Mercury	0/2	0.20	0.0	0.20/0.20 µg/L
EPIA-001				
Gross alpha	0/1	3.27E-10	—	3.27E-10/3.27E-10 µCi/mL
EPIA-002				
Tritium	0/1	-9.98E-08	—	-9.98E-08/-9.98E-08 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 85. Analytes Detected in Field Blanks for TM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA900.0MOD				
Gross alpha	0/4	-1.78E-10	2.98E-10	-4.20E-10/2.30E-10 µCi/mL
Nonvolatile beta	0/4	-2.93E-10	1.22E-09	-1.50E-09/1.30E-09 µCi/mL
EPA906.0MOD				
Tritium	0/3	-1.23E-07	1.62E-07	-3.10E-07/-2.00E-08 µCi/mL

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

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

Table 86. Analytes Detected in Trip Blanks for EX

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	1/16	19.6	1.50	14.0/20.0 µg/L
Acetonitrile	0/15	200	0.0	200/200 µg/L
Acrolein	0/16	50.0	0.0	50.0/50.0 µg/L
Acrylonitrile	0/16	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/15	5.0	0.0	5.0/5.0 µg/L
Benzene	0/32	5.0	0.0	5.0/5.0 µg/L
Bromochloromethane	0/15	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/32	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/32	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/32	5.0	0.0	5.0/5.0 µg/L
Carbon disulfide	0/16	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/33	4.88	0.70	1.0/5.0 µg/L
Chlorobenzene	0/32	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
Chloroethene	0/32	5.0	0.0	5.0/5.0 µg/L
2-Chloroethyl vinyl ether	0/16	5.0	0.0	5.0/5.0 µg/L
Chloroform	0/33	4.88	0.70	1.0/5.0 µg/L
Chloromethane	0/32	5.0	0.0	5.0/5.0 µg/L
Chloroprene	0/15	20.0	0.0	20.0/20.0 µg/L
Dibromochloromethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/15	10.0	0.0	10.0/10.0 µg/L
1,2-Dibromoethane	0/15	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,2-Dichlorobenzene	0/16	5.0	0.0	5.0/5.0 µg/L
1,3-Dichlorobenzene	0/16	5.0	0.0	5.0/5.0 µg/L
1,4-Dichlorobenzene	0/16	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/15	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/32	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/1	5.0	—	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/35	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/31	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	6/32	6.09	4.02	1.40/10.0 µg/L
1,2-Dichloropropane	0/32	5.0	0.0	5.0/5.0 µg/L
1,3-Dichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L
2,2-Dichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L

Quality Control Samples

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
1,1-Dichloropropene	0/15	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/32	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/32	5.0	0.0	5.0/5.0 µg/L
1,4-Dioxane	0/15	500	0.0	500/500 µg/L
Ethyl methacrylate	0/15	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/32	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/16	20.0	0.0	20.0/20.0 µg/L
Iodomethane	0/15	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/15	500	0.0	500/500 µg/L
Methacrylonitrile	0/15	200	0.0	200/200 µg/L
Methyl ethyl ketone	0/16	20.0	0.0	20.0/20.0 µg/L
Methyl isobutyl ketone	0/16	10.0	0.0	10.0/10.0 µg/L
Methyl methacrylate	0/15	20.0	0.0	20.0/20.0 µg/L
Pentachloroethane	0/15	200	0.0	200/200 µg/L
Propionitrile	0/15	200	0.0	200/200 µg/L
Styrene	0/16	5.0	0.0	5.0/5.0 µg/L
1,1,1,2-Tetrachloroethane	0/15	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/33	4.88	0.70	1.0/5.0 µg/L
Toluene	0/32	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/33	4.88	0.70	1.0/5.0 µg/L
1,1,2-Trichloroethane	0/32	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/38	4.89	0.65	1.0/5.0 µg/L
Trichlorofluoromethane	0/30	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/15	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/16	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/16	10.0	0.0	10.0/10.0 µg/L

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

— Standard deviation cannot be determined.

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

Table 87. Analytes Detected in Trip Blanks for GE

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	2/12	4.97	2.29	2.03/7.82 µg/L
Acetonitrile	0/11	25.0	0.0	25.0/25.0 µg/L
Acrolein	0/11	10.0	0.0	10.0/10.0 µg/L
Acrylonitrile	0/11	10.0	0.0	10.0/10.0 µg/L
Allyl chloride	0/11	5.0	0.0	5.0/5.0 µg/L
Benzene	1/47	0.97	0.17	0.17/1.0 µg/L
Bromodichloromethane	0/47	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/47	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/47	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	0/47	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/47	1.0	0.0	1.0/1.0 µg/L
Chloroethane	1/47	1.00	0.01	0.95/1.0 µg/L
Chloroethene	0/47	1.0	0.0	1.0/1.0 µg/L
2-Chloroethyl vinyl ether	0/35	5.0	0.0	5.0/5.0 µg/L
Chloroform	1/47	0.99	0.10	0.29/1.0 µg/L
Chloromethane	1/47	1.11	0.72	1.0/5.95 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
Chloroprene	0/11	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/47	1.0	0.0	1.0/1.0 µg/L
1,2-Dibromo-3-chloropropane	0/11	1.0	0.0	1.0/1.0 µg/L
1,2-Dibromoethane	0/11	1.0	0.0	1.0/1.0 µg/L
Dibromomethane	0/11	1.0	0.0	1.0/1.0 µg/L
trans-1,4-Dichloro-2-butene	0/11	5.0	0.0	5.0/5.0 µg/L
Dichlorodifluoromethane	0/11	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/47	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/47	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/47	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/1	2.0	—	2.0/2.0 µg/L
cis-1,2-Dichloroethylene	0/1	1.0	—	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/47	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	2/47	4.69	1.02	1.15/5.0 µg/L
1,2-Dichloropropane	0/47	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/47	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/47	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	1/47	0.98	0.14	0.06/1.0 µg/L
2-Hexanone	0/12	5.0	0.0	5.0/5.0 µg/L
Iodomethane	1/11	4.88	0.38	3.73/5.0 µg/L
Isobutyl alcohol	0/11	50.0	0.0	50.0/50.0 µg/L
Methacrylonitrile	0/11	5.0	0.0	5.0/5.0 µg/L
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
Methyl methacrylate	0/11	5.0	0.0	5.0/5.0 µg/L
Propionitrile	0/11	5.0	0.0	5.0/5.0 µg/L
Styrene	0/12	1.0	0.0	1.0/1.0 µg/L
1,1,1,2-Tetrachloroethane	0/11	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/47	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/47	1.0	0.0	1.0/1.0 µg/L
Toluene	6/47	0.95	0.16	0.33/1.04 µg/L
1,1,1-Trichloroethane	0/47	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/47	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/49	1.0	0.0	1.0/1.0 µg/L
Trichlorofluoromethane	0/46	1.0	0.0	1.0/1.0 µg/L
1,2,3-Trichloropropane	0/11	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	0/13	3.0	0.0	3.0/3.0 µg/L

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

— Standard deviation cannot be determined.

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

Table 88. Analytes Detected in Trip Blanks for WA

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8021B				
Carbon tetrachloride	0/1	0.50	—	0.50/0.50 µg/L
Chloroform	0/1	0.50	—	0.50/0.50 µg/L
Tetrachloroethylene	0/1	0.50	—	0.50/0.50 µg/L
1,1,1-Trichloroethane	0/1	0.50	—	0.50/0.50 µg/L
Trichloroethylene	0/2	0.75	0.35	0.50/1.0 µg/L

Quality Control Samples

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8260B				
Acetone	0/10	10.0	0.0	10.0/10.0 µg/L
Acetonitrile	0/2	20.0	0.0	20.0/20.0 µg/L
Acrolein	0/2	20.0	0.0	20.0/20.0 µg/L
Acrylonitrile	0/2	5.0	0.0	5.0/5.0 µg/L
Allyl chloride	0/2	10.0	0.0	10.0/10.0 µg/L
Benzene	0/21	5.0	0.0	5.0/5.0 µg/L
Bromodichloromethane	0/21	5.0	0.0	5.0/5.0 µg/L
Bromoform	0/21	5.0	0.0	5.0/5.0 µg/L
Bromomethane	0/21	10.0	0.0	10.0/10.0 µg/L
Carbon disulfide	0/10	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/21	5.0	0.0	5.0/5.0 µg/L
Chlorobenzene	0/21	5.0	0.0	5.0/5.0 µg/L
Chloroethane	0/21	10.0	0.0	10.0/10.0 µg/L
Chloroethene	0/21	10.0	0.0	10.0/10.0 µg/L
2-Chloroethyl vinyl ether	0/11	10.0	0.0	10.0/10.0 µg/L
Chloroform	0/21	5.0	0.0	5.0/5.0 µg/L
Chloromethane	1/21	9.79	0.95	5.65/10.0 µg/L
Chloroprene	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromochloromethane	0/21	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromo-3-chloropropane	0/2	5.0	0.0	5.0/5.0 µg/L
1,2-Dibromoethane	0/2	5.0	0.0	5.0/5.0 µg/L
Dibromomethane	0/2	5.0	0.0	5.0/5.0 µg/L
trans-1,4-Dichloro-2-butene	0/2	20.0	0.0	20.0/20.0 µg/L
Dichlorodifluoromethane	0/2	10.0	0.0	10.0/10.0 µg/L
1,1-Dichloroethane	0/21	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethane	0/21	5.0	0.0	5.0/5.0 µg/L
1,1-Dichloroethylene	0/21	5.0	0.0	5.0/5.0 µg/L
1,2-Dichloroethylene	0/8	5.0	0.0	5.0/5.0 µg/L
cis-1,2-Dichloroethylene	0/3	5.0	0.0	5.0/5.0 µg/L
trans-1,2-Dichloroethylene	0/13	5.0	0.0	5.0/5.0 µg/L
Dichloromethane	1/21	9.14	5.32	5.0/24.3 µg/L
1,2-Dichloropropane	0/21	5.0	0.0	5.0/5.0 µg/L
cis-1,3-Dichloropropene	0/21	5.0	0.0	5.0/5.0 µg/L
trans-1,3-Dichloropropene	0/21	5.0	0.0	5.0/5.0 µg/L
Ethylbenzene	0/21	5.0	0.0	5.0/5.0 µg/L
2-Hexanone	0/10	10.0	0.0	10.0/10.0 µg/L
Iodomethane	0/2	5.0	0.0	5.0/5.0 µg/L
Isobutyl alcohol	0/2	100	0.0	100/100 µg/L
Methacrylonitrile	0/2	10.0	0.0	10.0/10.0 µg/L
Methyl ethyl ketone	0/10	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	0/2	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	0/2	5.0	0.0	5.0/5.0 µg/L
1,1,2,2-Tetrachloroethane	0/21	5.0	0.0	5.0/5.0 µg/L
Tetrachloroethylene	0/21	5.0	0.0	5.0/5.0 µg/L
Toluene	0/21	5.0	0.0	5.0/5.0 µg/L
1,1,1-Trichloroethane	0/21	5.0	0.0	5.0/5.0 µg/L
1,1,2-Trichloroethane	0/21	5.0	0.0	5.0/5.0 µg/L
Trichloroethylene	0/22	5.0	0.0	5.0/5.0 µg/L
Trichlorofluoromethane	0/13	5.0	0.0	5.0/5.0 µg/L
1,2,3-Trichloropropane	0/2	5.0	0.0	5.0/5.0 µg/L
Vinyl acetate	0/7	10.0	0.0	10.0/10.0 µg/L
Xylenes	0/21	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.

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Table 89. Analytes Detected in Trip Blanks for EM

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Benzene	0/1	2.0	—	2.0/2.0 µg/L
Carbon tetrachloride	0/1	2.0	—	2.0/2.0 µg/L
Chlorobenzene	0/1	2.0	—	2.0/2.0 µg/L
Chloroform	0/1	2.0	—	2.0/2.0 µg/L
1,1-Dichloroethylene	0/1	2.0	—	2.0/2.0 µg/L
Tetrachloroethylene	0/1	2.0	—	2.0/2.0 µg/L
Toluene	0/1	2.0	—	2.0/2.0 µg/L
1,1,1-Trichloroethane	0/1	2.0	—	2.0/2.0 µg/L
Trichloroethylene	0/1	2.0	—	2.0/2.0 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 90. Analytes Detected in Trip Blanks for ML

Analyte	Frequency of Detection†	Mean Result	Standard Deviation	Minimum/Maximum Results
EPA8260B				
Acetone	6/27	10.7	3.44	6.65/21.7 µg/L
Benzene	0/27	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/27	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/27	1.0	0.0	1.0/1.0 µg/L
Bromomethane	0/27	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/27	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/27	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/27	1.0	0.0	1.0/1.0 µg/L
Chloroethane	1/27	1.0	0.00	0.99/1.0 µg/L
Chloroethene	0/27	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/27	1.0	0.0	1.0/1.0 µg/L
Chloromethane	2/27	1.41	1.47	1.0/7.01 µg/L
Dibromochloromethane	0/27	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/27	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/27	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/27	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/13	1.0	0.0	1.0/1.0 µg/L
cis-1,2-Dichloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
trans-1,2-Dichloroethylene	0/15	1.0	0.0	1.0/1.0 µg/L
Dichloromethane	2/27	9.44	2.02	2.44/10.0 µg/L
1,2-Dichloropropane	0/27	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/27	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/27	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/27	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/27	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	2/27	5.94	3.38	5.0/17.7 µg/L
Methyl isobutyl ketone	0/27	5.0	0.0	5.0/5.0 µg/L
Styrene	0/27	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/27	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/27	1.0	0.0	1.0/1.0 µg/L
Toluene	0/27	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/27	1.0	0.0	1.0/1.0 µg/L

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<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
1,1,2-Trichloroethane	0/27	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	0/27	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/27	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/27	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.

Notes: A value of 0 is reported as 0.0.

Numbers less than 0.004 are reported as 0.00.

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

Table 91. Analytes Detected in Equipment Blanks for ML

<i>Analyte</i>	<i>Frequency of Detection†</i>	<i>Mean Result</i>	<i>Standard Deviation</i>	<i>Minimum/Maximum Results</i>
EPA8260B				
Acetone	2/3	9.11	1.47	7.41/10.0 µg/L
Benzene	0/3	1.0	0.0	1.0/1.0 µg/L
Bromodichloromethane	0/3	1.0	0.0	1.0/1.0 µg/L
Bromoform	0/3	1.0	0.0	1.0/1.0 µg/L
Bromomethane (Methyl bromide)	0/3	1.0	0.0	1.0/1.0 µg/L
Carbon disulfide	0/3	5.0	0.0	5.0/5.0 µg/L
Carbon tetrachloride	0/3	1.0	0.0	1.0/1.0 µg/L
Chlorobenzene	0/3	1.0	0.0	1.0/1.0 µg/L
Chloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
Chloroethene (Vinyl chloride)	0/3	1.0	0.0	1.0/1.0 µg/L
Chloroform	0/3	1.0	0.0	1.0/1.0 µg/L
Chloromethane (Methyl chloride)	0/3	1.0	0.0	1.0/1.0 µg/L
Dibromochloromethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,1-Dichloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
1,2-Dichloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
Dichloromethane (Methylene chloride)	0/3	10.0	0.0	10.0/10.0 µg/L
1,2-Dichloropropane	0/3	1.0	0.0	1.0/1.0 µg/L
cis-1,3-Dichloropropene	0/3	1.0	0.0	1.0/1.0 µg/L
trans-1,3-Dichloropropene	0/3	1.0	0.0	1.0/1.0 µg/L
Ethylbenzene	0/3	1.0	0.0	1.0/1.0 µg/L
2-Hexanone	0/3	5.0	0.0	5.0/5.0 µg/L
Methyl ethyl ketone	0/3	5.0	0.0	5.0/5.0 µg/L
Methyl isobutyl ketone	0/3	5.0	0.0	5.0/5.0 µg/L
Styrene	0/3	1.0	0.0	1.0/1.0 µg/L
1,1,2,2-Tetrachloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
Tetrachloroethylene	0/3	1.0	0.0	1.0/1.0 µg/L
Toluene	0/3	1.0	0.0	1.0/1.0 µg/L
1,1,1-Trichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
1,1,2-Trichloroethane	0/3	1.0	0.0	1.0/1.0 µg/L
Trichloroethylene	1/3	1.06	0.10	1.0/1.18 µg/L
Vinyl acetate	0/3	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/3	1.0	0.0	1.0/1.0 µg/L
Vinyl acetate	0/27	5.0	0.0	5.0/5.0 µg/L
Xylenes	0/27	1.0	0.0	1.0/1.0 µg/L

Notes: A value of 0 is reported as 0.0.

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

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Table 92. Bailed Wells

<i>Well</i>	<i>Date</i>
AS 1	08/09/00
AS 8	08/09/00
AS 11	07/19/00
AS 11	08/09/00
HTF 18	09/20/00
HTF 20	09/20/00
HTF 21	09/20/00
MSB 48D	09/25/00
MSB 66D	09/28/00
SSM 10B	08/17/00
SSM 10B	09/19/00
SSM 10C	08/17/00
SSM 10C	09/19/00
SSM 11B	08/17/00
SSM 11B	09/18/00
SSM 11C	08/17/00
SSM 11C	09/18/00
SSM 12B	08/22/00
SSM 12B	09/19/00
SSM 12C	08/22/00
SSM 12C	09/19/00
SSM 13B	09/14/00
SSM 13B	08/21/00
SSM 13C	08/21/00
SSM 13C	09/14/00
SSM 14B	08/15/00
SSM 14B	09/15/00
SSM 14C	08/15/00
SSM 14C	09/15/00
SSM 15B	08/21/00
SSM 15B	09/15/00
SSM 15C	08/21/00
SSM 15C	09/15/00
SSM 16B	08/22/00
SSM 16B	09/20/00
SSM 16C	08/22/00
SSM 16C	09/20/00
SSM 17B	08/15/00
SSM 17B	09/19/00
SSM 17C	08/15/00
SSM 17C	09/19/00
SVE 3A	07/19/00

Table 93. Sampled Wells with Metal Casings

<i>Well</i>	<i>Casing</i>
ASB 8TA	Carbon steel
MSB 12TA	Steel
MSB 27TA	Carbon steel
MSB 29TA	Carbon steel
MSB 34TA	Steel
MSB 35TA	Carbon steel

Quality Control Samples

<i>Well</i>	<i>Casing</i>
MSB 36TA	Carbon steel
MSB 37TA	Carbon steel
MSB 39TA	Carbon steel
MSB 41TA	Carbon steel
MSB 42TA	Carbon steel
MSB 43TA	Carbon steel
MSB 47TA	Carbon steel
MSB 48TA	Carbon steel
MSB 54TA	Carbon steel
MSB 55TA	Carbon steel
MSB 82TA	Carbon steel
MSB 85TA	Steel
PW 20A	Steel
PW 53A	Steel
PW 82A	Steel
RWM 1	Carbon steel
RWM 3	Carbon steel
RWM 4	Carbon steel
RWM 5	Carbon steel
RWM 6	Carbon steel
RWM 7	Carbon steel
RWM 8	Carbon steel
RWM 9	Carbon steel
RWM 10	Carbon steel
RWM 11	Carbon steel
RWM 13B	Carbon steel
RWM 13C	Carbon steel
RWM 14B	Carbon steel
RWM 14C	Carbon steel
RWM 15B	Carbon steel
TNX 13D	Stainless steel
TNX 14D	Stainless steel
TNX 15D	Stainless steel
TNX 16D	Stainless steel
TNX 17D	Stainless steel
TNX 18D	Stainless steel
TNX 19D	Stainless steel
TNX 20D	Stainless steel
TNX 21D	Stainless steel
TNX 22D	Stainless steel
TNX 26D	Stainless steel

Table 94. Wells That Had Turbidity Greater Than 15 NTU

<i>Well</i>	<i>Date</i>	<i>Results (in NTU)</i>
AMB 15D	09/27/00	67.2
ARP 3	09/29/00	31.8
AS 1	08/09/00	1,000
AS 8	08/09/00	1,000
AS 11	07/19/00	576
AS 11	08/09/00	29.7
BGO 33C	08/31/00	19.6
CMP 47D	07/27/00	96.6
CMP 49D	07/27/00	473
CRP 17DU	07/11/00	59.4
CRP 17DU	08/08/00	198
FSB117D	08/07/00	22.3

Quality Control Samples

<i>Well</i>	<i>Date</i>	<i>Results (in NTU)</i>
FTF 16	08/30/00	196
FTF 17	08/24/00	156
FTF 18	08/24/00	81.5
FTF 19	08/24/00	37.6
FTF 20	08/24/00	55.5
FTF 21	08/30/00	32.1
FTF 22	08/24/00	37.1
FTF 23	08/30/00	22.1
HSB 86D	07/24/00	46.8
HSB142D	08/10/00	20.5
HTF 18	09/20/00	17.6
HTF 19	09/20/00	15.7
HTF 21	09/20/00	109
HTF 22	09/14/00	230
HTF 23	09/14/00	1,000
HTF 31	09/14/00	40.5
HTF 32	09/14/00	27.4
LAC 7DU	09/28/00	22.6
LDB 4	07/28/00	20.8
MSB 18A	08/23/00	20.2
MSB 47TA	09/18/00	236
MSB 55HC	09/01/00	24.9
RPC 10DU	07/18/00	22.2
SRW 16A	09/28/00	31.2
SVE 3A	07/19/00	772
TNX 21D	09/01/00	20.9

Table 95. Analyses Not Performed by EX

<i>Well</i>	<i>Analyte</i>	<i>Reason</i>
AMB 15D	Phenol	Laboratory did not send
FSL 2D	Total organic carbon	Canceled
FSL 9D	Mercury	Canceled

Table 96. Analyses Not Performed by GE

<i>Well</i>	<i>Analyte</i>	<i>Reason</i>
ABP 1A	Mercury	Canceled
ABP 4	Mercury	Canceled
ARP 3	Mercury	Canceled
CRP 19C	Mercury	Canceled
HSB108D	Antimony, 2, 4-Dichlorophenoxyacetic acid, 2,4,5-T, 2,4,5-TP (silvex)	Canceled
HSB111C	Nitrate-nitrite as nitrogen	Canceled
HSB114D	Antimony, 2, 4-Dichlorophenoxyacetic acid, 2,4,5-T, 2,4,5-TP (silvex)	Canceled
HSB115D	Antimony, 2, 4-Dichlorophenoxyacetic acid, 2,4,5-T, 2,4,5-TP (silvex)	Canceled
HSB119A	Nitrate-nitrite as nitrogen	Canceled
HSB122A	Nickel-63	Canceled

Quality Control Samples

NOTES

Site Index

Table 97 provides information about sites, locations, and well series. Some locations were not available.

Table 97. Sites and Locations by Well Series

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

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

Well Series	Site	Location
LBP	L-Area Bingham Pump Outage Pit	South of L Area
LCO	L-Area Oil and Chemical Basin	
LDB	L-Area Disassembly Basin	
LDS	108-3L Bioremediation Facility	South of Road C
LFW	Sanitary Landfill	
LRP	L-Area Burning/Rubble Pit	
LSB	L-Area Reactor Seepage Basin	Southeast of L Area, adjacent to the L-Area oil and chemical basin
MCB	Miscellaneous Chemical Basin	
MSB	M-Area Hazardous Waste Management Facility (HWMF) and M-Area Plume Definition Wells	West of Road D near the A-Area metals burning pit
NBG	Wells between the F-Area Canyon Building and the Naval Fuel Material Facility	South of A Area and M Area and west of Road D (HWMF)
P	SRS Baseline Hydrogeologic Investigation Observation Well Clusters	Between the canyon building and the Naval Fuel Material Facility
	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	Southeast of the coal pile and south of P Area
PCB	P-Area Coal Pile Runoff Containment Basin	
PDB	P-Area Disassembly Basin	West of P Area
PRP	P-Area Burning/Rubble Pit	
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	
RDB	R-Area Disassembly Basin	West of the R-Area reactor building
RPC	R-Area Reactor Seepage Basins	
RRP	R-Area Burning/Rubble Pits	Northwest of R Area
RSA	Series A, R-Area Reactor Seepage Basins	
RSB	Series B, R-Area Reactor Seepage Basins	Southeast of R Area and Road G
RSC	Series C, R-Area Reactor Seepage Basins	
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	
RSF	Series F, R-Area Reactor Seepage Basins	Northwest of R Area
RSP	R-Area Reactor Seepage Basins	
RWM	M-Area Recovery Wells	Northwest of R Area
SBG	S-Area Defense Waste Processing Facility	At the south end of S Area
SCA	S-Area Vitrification Building	
SLP	S-Area Low-Point Pump Pit	
SRW	Silverton Road Waste Site	South of Silverton Road
SSM	M-Area Southern Sector	
TBG	T-Area (TNX) Burying Ground	Within the T-Area fence
TCM	TNX-Area Operable Unit	
TIR	TNX Intrinsic Remediation Piezometers	
TNX	T-Area (TNX) Assessment Wells	
TRW	T-Area (TNX) Test Recovery Wells	

Site Index

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

SITE HISTORY

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

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

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

Acid/Caustic Basins

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

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

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

Burning/Rubble, Rubble, and Metals Burning Pits

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

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

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

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

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

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

F-Area Ash Basin

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

R-Area Coal Pile

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

Disassembly Basins

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

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

Seepage and Retention Basins

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

C-Area Reactor Seepage Basins

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

F-Area Seepage Basins and Inactive Process Sewer Line

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

Ford Building Seepage Basin

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

H-Area Retention Basins

A small, unlined earthen retention basin (the old H-Area retention basin) was used from 1955 to 1973 to provide temporary emergency storage for cooling water from the chemical separations process that contained 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 NUtch. Thermo NUtch, of Oak Ridge, TN (subcontractor for Recra LabNet Philadelphia and QST Environmental).

TL. See **Triangle Laboratories**.

TM. See Thermo NUtch.

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

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

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

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

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

U. Unclassified.

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

validation and verification. The standard, in-depth review process to which laboratory analytical data are subjected before being used. The data verification process confirms that the required samples were collected and documented, the required analyses were performed on the samples, and the analytical results were reported correctly. The data validation process determines the usefulness of each analytical result based on

QC and method requirements. The information evaluated during this process includes COC forms, analytical narrative summaries, and analytical result data files.

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

WA. See **Recra LabNet Philadelphia.**

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

wellhead. The top of a well.

WSRC. Westinghouse Savannah River Company.

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Addendum: MS Second Quarter Results

Quality Control Standards

During second 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 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 second quarter report, this addendum includes them. MS results and the certified values and limits are listed in table 98.

All 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.

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 cations, molybdenum, phenols, strontium, and total petroleum hydrocarbons.

Seventy-eight analyses were requested of MS. Of the 67 analyses reported by MS, 58, or 86.6%, were within the PALs.

Table 98. Quality Control Standards for Selected Analyses for MS

Analyte	Certified Value	Performance Acceptance Limits	MS Result	Functional Guideline Code
Acids (Lot 589)				
2-Chlorophenol (µg/L)	33.0	13.6–37.2	54◆	
o-Cresol (2-Methylphenol) (µg/L)	42.8	13.6–49.5	❖	
p-Cresol (3-Methylphenol) (µg/L)	99.7	30.8–117	❖	
Pentachlorophenol (µg/L)	62.4	19.4–78.3	54	
2,4,6-Trichlorophenol (µg/L)	143	62.0–164	97	
Base/Neutrals (Lot 589)				
Anthracene (µg/L)	69.3	32.7–80.8	60	
Benzo[k]fluoranthene (µg/L)	18.6	6.79–23.4	18	
Benzo(a)pyrene (µg/L)	20.1	9.54–25.5	❖	
Bis(2-ethylhexyl) phthalate (µg/L)	134	53.9–170	160	
Chrysene (µg/L)	20.5	9.49–25.2	24	
Dibenzofuran (µg/L)	52.8	25.1–58.6	35	
Di-n-butyl phthalate (µg/L)	67.4	27.2–84.7	< 11◆	
1,2-Dichlorobenzene (µg/L)	29.9	7.0–34.2	❖	
1,3-Dichlorobenzene (µg/L)	64.2	15.0–76.0	❖	
2,4-Dinitrotoluene (µg/L)	53.1	22.2–61.2	37	
Hexachloroethane (µg/L)	89.0	35.6–112	❖	
2-Methylnaphthalene (µg/L)	50.3	16.2–59.2	❖	
Naphthalene (µg/L)	65.0	23.1–74.1	38	
Pyrene (µg/L)	121	56.5–147	160◆	
1,2,4-Trichlorobenzene (µg/L)	81.3	23.7–92.3	38	

Analyte	Certified Value	Performance Acceptance Limits	MS Result	Functional Guideline Code
Cations (Lot 439)				
Calcium (µg/L)	101,000	90,900–111,000	†	
Magnesium (µg/L)	74,900	66,700–83,100	†	
Potassium (µg/L)	90,300	82,200–98,400	†	
Sodium (µg/L)	94,900	84,500–106,000	†	
Cyanide and Phenol (Lot 9988)				
Cyanide, total (µg/L)	976	712–1,240	†	
Phenols (µg/L)	447	340–554	†	
Grease and Oil (Lot 99101)				
Grease and oil (gravimetric) (mg/bottle)	49.4	29.6–61.8	†	
Herbicides (Lot 3229)				
2-sec-Butyl-4,6-dinitrophenol (µg/L)	18.8	6.17–24.3	†	
2,4-Dichlorophenoxyacetic acid (µg/L)	14.9	7.45–22.4	†	
2,4,5-T (µg/L)	26.1	13.1–39.2	†	
2,4,5-TP (Silvex) (µg/L)	9.19	4.60–13.8	†	
Inorganics (Lot 3437)				
Alkalinity (as CaCO ₃) (µg/L)	165,000	154,000–186,000	†	
Bromide (µg/L)	499	429–577	†	
Chloride (µg/L)	5,250	4,670–5,920	†	
Fluoride (µg/L)	6,980	6,280–7,680	†	
Nitrate as nitrogen (µg/L)	4,300	3,870–4,730	†	
pH (pH units)	9.25	9.05–9.45	†	
Potassium (µg/L)	26,600	22,800–31,000	†	
Sodium (µg/L)	80,500	72,700–89,200	†	
Specific conductance (µS/cm)	383	320–436	†	
Sulfate (µg/L)	12,100	10,400–13,700	†	
Total dissolved solids (µg/L)	448,000	367,000–502,000	†	
Nutrients (Lot 99101)				
Ammonia as nitrogen (µg/L)	5,350	4,490–6,200	†	
Nitrate-nitrite as nitrogen (µg/L)	15,600	13,900–17,300	†	
Total phosphates (as P) (µg/L)	3,260	2,770–3,750	†	
PCBs (Lot 581)				
PCB 1254 (µg/L)	2.61	1.56–3.28	❖	
Pesticides (Lot 3228)				
Aldrin (µg/L)	0.920	0.506–1.33	.980	J
Dieldrin (µg/L)	2.12	1.17–3.07	2.40	
Endrin (µg/L)	3.16	2.21–4.11	4.40	
Heptachlor (µg/L)	1.57	0.864–2.28	3.60	
Heptachlor epoxide (µg/L)	1.91	1.05–2.77	4.0◆	
Lindane (µg/L)	1.43	0.787–2.07	1.6	J
Methoxychlor (µg/L)	14.5	7.98–21.0	23.0◆	J
Total Petroleum Hydrocarbons (Lot 8920)				
Total petroleum hydrocarbons, infrared (mg/bottle)	103	64.2–134	†	
Toxaphene (Lot 3228)				
Toxaphene (µg/L)	5.02	2.76–7.28	56.0◆	J

Addendum

Analyte	Certified Value	Performance Acceptance Limits	MS Result	Functional Guideline Code
Trace Metals (Lot 9999)				
Aluminum (µg/L)	2,840	2,330–3,350	2,700	
Antimony (µg/L)	149	112–176	150	
Arsenic (µg/L)	175	131–206	170	
Barium (µg/L)	768	630–906	780	
Beryllium (µg/L)	117	96.2–138	120	
Boron (µg/L)	231	190–273	†	
Cadmium (µg/L)	395	323–466	390	
Chromium (µg/L)	957	785–1,130	970	
Cobalt (µg/L)	84.9	69.6–100	87	
Copper (µg/L)	68.2	55.9–80.5	68	
Iron (µg/L)	1,240	1,020–1,470	1,200	
Lead (µg/L)	776	637–916	780	
Manganese (µg/L)	1,810	1,490–2,140	1,800	
Mercury (µg/L)	7.83	5.87–9.79	8.4	
Molybdenum (µg/L)	214	175–252	†	
Nickel (µg/L)	148	121–174	150	
Selenium (µg/L)	572	429–675	540	
Silver (µg/L)	223	183–263	230	
Strontium (µg/L)	87.0	71.3–103	†	
Thallium (µg/L)	613	460–724	630	
Vanadium (µg/L)	1,530	1,260–1,810	1,500	
Zinc (µg/L)	708	581–836	710	
Turbidity (Lot 3431)				
Turbidity (NTU)	3.20	2.72–3.74	†	
Volatiles (Lot 586)				
Benzene (µg/L)	110	85.4–137	9†7	
Bromodichloromethane (µg/L)	61.3	47.1–76.3	55	
Bromoform (µg/L)	86.8	63.5–112	73	
Carbon tetrachloride (µg/L)	175	129–218	160	
Chlorobenzene (µg/L)	78.1	61.1–93.7	66	
Chlorodibromomethane (µg/L)	15.9	12.4–19.6	13	
Chloroform (µg/L)	96.1	73.7–117	❖	
1,2-Dichlorobenzene (µg/L)	62.6	47.5–76.9	15◆	
1,3-Dichlorobenzene (µg/L)	127	97.0–153	29◆	
1,4-Dichlorobenzene (µg/L)	57.6	43.3–70.2	>11◆	
1,2-Dichloroethane (µg/L)	60.1	46.9–75.7	61	
Dichloromethane (Methylene chloride) (µg/L)	60.8	43.0–79.2	59	
Ethylbenzene (µg/L)	49.3	36.9–57.6	43	
4-Methyl-2-pentanone (MIBK) (µg/L)	63.5	36.7–86.7	59	
1,1,2,2-Tetrachloroethane (µg/L)	81.0	59.0–102	69	
Tetrachloroethylene (µg/L)	64.3	47.4–77.6	52	
Toluene (µg/L)	84.4	65.1–102	74	
1,1,1-Trichloroethane (µg/L)	59.0	42.6–70.4	52	
1,1,2-Trichloroethane (µg/L)	36.4	27.7–45.7	❖	
Trichloroethylene (µg/L)	37.6	27.9–45.5	31	
m/p-Xylene (µg/L)	41.2	26.6–51.8	❖	
o-Xylene (µg/L)	119	76.7–149	100	

◆ Result is out of range.

❖ Value not reported by laboratory.

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

J The analytical result is an estimated quantity.

Addendum

Appendix A. Water-Level Data

During third 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 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 138.66 ft (42.26m) below TOC
Water elevation: 221.24 ft (67.43m) msl

Time: 19:23

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: Not available
Water elevation: Not available

Time: 18:55

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 160.55 ft (48.94m) below TOC
Water elevation: 193.95 ft (59.12m) msl

Time: 4:14

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 178.8 ft (54.50m) below TOC
Water elevation: 193.3 ft (58.92m) msl

Time: 18:50

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 127.18 ft (38.76m) below TOC
Water elevation: 217.52 ft (66.30m) msl

Time: 11:41

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 119.89 ft (36.54m) below TOC
Water elevation: 224.91 ft (68.55m) msl

Time: 11:41

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 95 ft (28.96m) below TOC
Water elevation: 207.3 ft (63.19m) msl

Time: 13:51

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 93.11 ft (28.38m) below TOC
Water elevation: 209.39 ft (63.82m) msl

Time: 13:52

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 119.25 ft (36.35m) below TOC
Water elevation: 230.55 ft (70.27m) msl

Time: 17:43

WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 166.01 ft (50.60m) below TOC
Water elevation: 214.49 ft (65.38m) msl

Time: 16:00

WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 159.71 ft (48.68m) below TOC
Water elevation: 220.69 ft (67.27m) msl

Time: 15:56

WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 152.7 ft (46.54m) below TOC
Water elevation: 227.6 ft (69.37m) msl

Time: 16:03

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 151.6 ft (46.21m) below TOC
Water elevation: 228 ft (69.50m) msl

Time: 16:29

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 148.92 ft (45.39m) below TOC
Water elevation: 228.28 ft (69.58m) msl

Time: 16:36

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 141.44 ft (43.11m) below TOC
Water elevation: 228.46 ft (69.64m) msl

Time: 16:20

WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 158.88 ft (48.43m) below TOC
Water elevation: 214.72 ft (65.45m) msl

Time: 16:16

WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 152.08 ft (46.35m) below TOC
Water elevation: 220.92 ft (67.34m) msl

Time: 16:18

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 141.48 ft (43.12m) below TOC
Water elevation: 228.12 ft (69.53m) msl

Time: 16:55

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 139.76 ft (42.60m) below TOC
Water elevation: 228.14 ft (69.54m) msl

Time: 16:58

WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: Not available
Water elevation: Not available

Time: 17:09

WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 146.81 ft (44.75m) below TOC
Water elevation: 219.59 ft (66.93m) msl

Time: 17:14

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 176.67 ft (53.85m) below TOC
Water elevation: 188.83 ft (57.56m) msl

Time: 17:07

WELL AMB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 145.12 ft (44.23m) below TOC
Water elevation: 219.48 ft (66.90m) msl

Time: 17:37

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 134.53 ft (41.01m) below TOC
Water elevation: 229.47 ft (69.94m) msl

Time: 17:35

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 140.92 ft (42.95m) below TOC
Water elevation: 228.88 ft (69.76m) msl

Time: 17:29

WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 149.42 ft (45.54m) below TOC
Water elevation: 215.68 ft (65.74m) msl

Time: 17:19

WELL AMB 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 155.97 ft (47.54m) below TOC
Water elevation: 226.43 ft (69.02m) msl

Time: 18:29

WELL AMB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 154.99 ft (47.24m) below TOC
Water elevation: 228.41 ft (69.62m) msl

Time: 18:32

WELL AMB 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 152.51 ft (46.49m) below TOC
Water elevation: 227.89 ft (69.46m) msl

Time: 18:24

WELL AMB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 164.57 ft (50.16m) below TOC
Water elevation: 214.53 ft (65.39m) msl

Time: 16:32

WELL AMB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 162.8 ft (49.62m) below TOC
Water elevation: 214.5 ft (65.38m) msl

Time: 16:13

WELL AMB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 148.17 ft (45.16m) below TOC
Water elevation: 227.83 ft (69.44m) msl

Time: 16:11

WELL AMB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 138.08 ft (42.09m) below TOC
Water elevation: 225.62 ft (68.77m) msl

Time: 17:23

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 61.6 ft (18.78m) below TOC
Water elevation: 279.5 ft (85.19m) msl

Time: 4:54

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 117 ft (35.66m) below TOC
Water elevation: 228.4 ft (69.62m) msl

Time: 4:57

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 141.7 ft (43.19m) below TOC
Water elevation: 213.4 ft (65.05m) msl

Time: 6:33

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 18:41
Depth to water: 121.91 ft (37.16m) below TOC
Water elevation: 215.39 ft (65.65m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 5:56
Depth to water: 121.3 ft (36.97m) below TOC
Water elevation: 218.5 ft (66.60m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:25
Depth to water: 136.23 ft (41.52m) below TOC
Water elevation: 212.17 ft (64.67m) msl

WELL ARP 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 6:01
Depth to water: 134.8 ft (41.09m) below TOC
Water elevation: Not available

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:14
Depth to water: 113.38 ft (34.56m) below TOC
Water elevation: 235.72 ft (71.85m) msl

WELL ASB 2AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:15
Depth to water: 121.36 ft (36.99m) below TOC
Water elevation: 234.24 ft (71.40m) msl

WELL ASB 2CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:15
Depth to water: 136.63 ft (41.65m) below TOC
Water elevation: 218.97 ft (66.74m) msl

WELL ASB 3AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:15
Depth to water: 106.84 ft (32.57m) below TOC
Water elevation: 234.76 ft (71.56m) msl

WELL ASB 3CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:16
Depth to water: 123.16 ft (37.54m) below TOC
Water elevation: 218.34 ft (66.55m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:16
Depth to water: 101.5 ft (30.94m) below TOC
Water elevation: 234.1 ft (71.35m) msl

WELL ASB 5AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:16
Depth to water: 128.54 ft (35.97m) below TOC
Water elevation: 228.98 ft (69.79m) msl

WELL ASB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:17
Depth to water: 128.54 ft (39.18m) below TOC
Water elevation: 218.76 ft (66.68m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:17
Depth to water: 121.51 ft (37.04m) below TOC
Water elevation: 228.69 ft (69.71m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:17
Depth to water: 139.76 ft (42.60m) below TOC
Water elevation: 214.44 ft (65.36m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:18
Depth to water: 133.68 ft (40.75m) below TOC
Water elevation: 219.92 ft (67.03m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:18
Depth to water: 142.53 ft (43.44m) below TOC
Water elevation: 210.37 ft (64.12m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:18
Depth to water: 118.76 ft (36.20m) below TOC
Water elevation: 230.24 ft (70.18m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00 Time: 19:18
Depth to water: 135.67 ft (41.35m) below TOC
Water elevation: 214.13 ft (65.27m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 130.58 ft (39.80m) below TOC
Water elevation: 219.12 ft (66.79m) msl

Time: 19:19

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 155.09 ft (47.27m) below TOC
Water elevation: 194.51 ft (59.29m) msl

Time: 19:19

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 5:28

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: Not available
Water elevation: Not available

Time: 13:02

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: Not available
Water elevation: Not available

Time: 19:20

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 91.85 ft (28.00m) below TOC
Water elevation: 217.15 ft (66.19m) msl

Time: 5:23

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 91.78 ft (27.97m) below TOC
Water elevation: 217.22 ft (66.21m) msl

Time: 19:19

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 92.4 ft (28.16m) below TOC
Water elevation: 217.5 ft (66.29m) msl

Time: 5:20

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 92.42 ft (28.17m) below TOC
Water elevation: 217.48 ft (66.29m) msl

Time: 19:19

WELL ASB 10CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 130.48 ft (39.77m) below TOC
Water elevation: 218.72 ft (66.67m) msl

Time: 19:20

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 57.47 ft (17.52m) below TOC
Water elevation: 237.63 ft (72.43m) msl

Time: 18:20

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 57.97 ft (17.67m) below TOC
Water elevation: 237.13 ft (72.28m) msl

Time: 13:14

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 18:46

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: Not available
Water elevation: Not available

Time: 10:33

WELL BGO 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 129.99 ft (39.62m) below TOC
Water elevation: 161.91 ft (49.35m) msl

Time: 18:47

WELL BGO 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 130.41 ft (39.75m) below TOC
Water elevation: 161.49 ft (49.22m) msl

Time: 10:39

WELL BGO 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 18:47

WELL BGO 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.65 ft (20.92m) below TOC
Water elevation: 223.25 ft (68.05m) msl

Time: 10:40

WELL BGO 3DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 18:46

WELL BGO 3DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 62.08 ft (18.92m) below TOC
Water elevation: 229.42 ft (69.93m) msl

Time: 10:45

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 18:48

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: Not available
Water elevation: Not available

Time: 11:29

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 107.15 ft (32.66m) below TOC
Water elevation: 188.95 ft (57.59m) msl

Time: 18:49

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 83.48 ft (25.45m) below TOC
Water elevation: 212.62 ft (64.81m) msl

Time: 11:26

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 68.59 ft (20.91m) below TOC
Water elevation: 227.71 ft (69.41m) msl

Time: 18:49

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.46 ft (20.87m) below TOC
Water elevation: 227.84 ft (69.45m) msl

Time: 11:24

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 127.45 ft (38.85m) below TOC
Water elevation: 158.15 ft (48.20m) msl

Time: 18:50

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WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 127.86 ft (38.97m) below TOC
Water elevation: 157.74 ft (48.08m) msl

Time: 10:49

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 70.67 ft (21.54m) below TOC
Water elevation: 216.13 ft (65.88m) msl

Time: 18:51

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 70.96 ft (21.63m) below TOC
Water elevation: 215.84 ft (65.79m) msl

Time: 10:54

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 68.37 ft (20.84m) below TOC
Water elevation: 217.23 ft (66.21m) msl

Time: 18:50

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.69 ft (20.94m) below TOC
Water elevation: 216.91 ft (66.11m) msl

Time: 10:51

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 56.82 ft (17.32m) below TOC
Water elevation: 228.68 ft (69.70m) msl

Time: 18:51

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 57.25 ft (17.45m) below TOC
Water elevation: 228.25 ft (69.57m) msl

Time: 10:52

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 57.99 ft (17.68m) below TOC
Water elevation: 229.01 ft (69.80m) msl

Time: 19:15

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 58.3 ft (17.77m) below TOC
Water elevation: 228.7 ft (69.71m) msl

Time: 14:32

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WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 127.19 ft (38.77m) below TOC
Water elevation: 159.41 ft (48.59m) msl

Time: 19:22

WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 127.31 ft (38.80m) below TOC
Water elevation: 159.29 ft (48.55m) msl

Time: 14:27

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 67.76 ft (20.57m) below TOC
Water elevation: 220.43 ft (67.19m) msl

Time: 19:20

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 67.76 ft (20.65m) below TOC
Water elevation: 220.14 ft (67.10m) msl

Time: 14:30

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 58.75 ft (17.91m) below TOC
Water elevation: 229.05 ft (69.82m) msl

Time: 19:21

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 59.02 ft (17.99m) below TOC
Water elevation: 228.78 ft (69.73m) msl

Time: 14:29

WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 127.9 ft (38.98m) below TOC
Water elevation: 156.9 ft (47.82m) msl

Time: 19:24

WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 128.36 ft (39.12m) below TOC
Water elevation: 156.44 ft (47.68m) msl

Time: 14:50

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 58.38 ft (17.79m) below TOC
Water elevation: 226.72 ft (69.11m) msl

Time: 19:26

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WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 54.74 ft (16.68m) below TOC
Water elevation: 230.36 ft (70.21m) msl

Time: 19:55

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 58.53 ft (17.84m) below TOC
Water elevation: 226.57 ft (69.06m) msl

Time: 14:55

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 132.69 ft (40.44m) below TOC
Water elevation: 168.21 ft (51.27m) msl

Time: 19:33

WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 144.2 ft (43.95m) below TOC
Water elevation: 156.5 ft (47.70m) msl

Time: 19:25

WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 144.55 ft (44.06m) below TOC
Water elevation: 156.15 ft (47.60m) msl

Time: 15:24

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 143.52 ft (43.75m) below TOC
Water elevation: 156.98 ft (47.85m) msl

Time: 19:32

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 143.81 ft (43.83m) below TOC
Water elevation: 156.69 ft (47.76m) msl

Time: 15:02

WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 84.58 ft (25.78m) below TOC
Water elevation: 216.42 ft (65.97m) msl

Time: 19:25

WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 84.91 ft (25.88m) below TOC
Water elevation: 216.09 ft (65.87m) msl

Time: 15:23

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 83.98 ft (25.60m) below TOC
Water elevation: 217.32 ft (66.24m) msl

Time: 19:34

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 84.15 ft (25.65m) below TOC
Water elevation: 217.15 ft (66.19m) msl

Time: 15:03

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: Not available
Water elevation: Not available

Time: 19:38

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 72.11 ft (21.98m) below TOC
Water elevation: 228.29 ft (69.58m) msl

Time: 15:02

WELL BGO 11DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 77.18 ft (23.52m) below TOC
Water elevation: 228.02 ft (69.50m) msl

Time: 19:40

WELL BGO 11DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 77.54 ft (23.63m) below TOC
Water elevation: 227.66 ft (69.39m) msl

Time: 15:05

WELL BGO 12AX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 156.85 ft (47.81m) below TOC
Water elevation: 155.95 ft (47.53m) msl

Time: 19:23

WELL BGO 12AX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 157.15 ft (47.90m) below TOC
Water elevation: 155.65 ft (47.44m) msl

Time: 15:10

WELL BGO 12CX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 85.6 ft (26.09m) below TOC
Water elevation: 227.7 ft (69.40m) msl

Time: 19:23

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WELL BGO 12CX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 85.89 ft (26.18m) below TOC
Water elevation: 227.41 ft (69.32m) msl

Time: 15:10

WELL BGO 12DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 96.2 ft (29.32m) below TOC
Water elevation: 217.4 ft (66.26m) msl

Time: 19:22

WELL BGO 12DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 96.55 ft (29.43m) below TOC
Water elevation: 217.05 ft (66.16m) msl

Time: 15:11

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 91.6 ft (27.92m) below TOC
Water elevation: 227.7 ft (69.40m) msl

Time: 19:21

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 91.97 ft (28.03m) below TOC
Water elevation: 227.33 ft (69.29m) msl

Time: 15:27

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 143.17 ft (43.64m) below TOC
Water elevation: 157.53 ft (48.02m) msl

Time: 19:16

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 143.59 ft (43.77m) below TOC
Water elevation: 157.11 ft (47.89m) msl

Time: 15:35

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 80.11 ft (24.42m) below TOC
Water elevation: 220.39 ft (67.18m) msl

Time: 19:17

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 80.47 ft (24.53m) below TOC
Water elevation: 220.03 ft (67.07m) msl

Time: 15:35

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 73 ft (22.25m) below TOC
Water elevation: 227.3 ft (69.28m) msl

Time: 19:17

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 73.31 ft (22.35m) below TOC
Water elevation: 226.99 ft (69.19m) msl

Time: 15:39

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 76.69 ft (23.38m) below TOC
Water elevation: 222.01 ft (67.67m) msl

Time: 19:12

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 72.06 ft (21.96m) below TOC
Water elevation: 226.64 ft (69.08m) msl

Time: 15:49

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 144.93 ft (44.18m) below TOC
Water elevation: 160.07 ft (48.79m) msl

Time: 18:39

WELL BGO 16AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 143.85 ft (43.85m) below TOC
Water elevation: 159.85 ft (48.72m) msl

Time: 18:40

WELL BGO 16AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 144.33 ft (43.99m) below TOC
Water elevation: 159.37 ft (48.58m) msl

Time: 10:09

WELL BGO 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 89.55 ft (27.30m) below TOC
Water elevation: 215.55 ft (65.70m) msl

Time: 18:38

WELL BGO 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 89.92 ft (27.41m) below TOC
Water elevation: 215.18 ft (65.59m) msl

Time: 10:06

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WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 76.67 ft (23.37m) below TOC
Water elevation: 227.93 ft (69.47m) msl

Time: 18:40

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 77.05 ft (23.49m) below TOC
Water elevation: 227.55 ft (69.36m) msl

Time: 10:09

WELL BGO 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 18:41

WELL BGO 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: Not available
Water elevation: Not available

Time: 10:11

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 134.96 ft (41.14m) below TOC
Water elevation: 160.24 ft (48.84m) msl

Time: 18:40

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 135.47 ft (41.29m) below TOC
Water elevation: 159.73 ft (48.69m) msl

Time: 10:15

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 66.62 ft (20.31m) below TOC
Water elevation: 228.28 ft (69.58m) msl

Time: 18:41

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 66.21 ft (20.18m) below TOC
Water elevation: 228.69 ft (69.71m) msl

Time: 10:17

WELL BGO 19DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 64.79 ft (19.75m) below TOC
Water elevation: 229.01 ft (69.80m) msl

Time: 18:42

WELL BGO 19DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 65.25 ft (19.89m) below TOC
Water elevation: 228.55 ft (69.66m) msl

Time: 10:20

WELL BGO 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 122.14 ft (37.23m) below TOC
Water elevation: 161.76 ft (49.31m) msl

Time: 18:44

WELL BGO 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 122.61 ft (37.37m) below TOC
Water elevation: 161.29 ft (49.16m) msl

Time: 12:17

WELL BGO 20AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 123.22 ft (37.56m) below TOC
Water elevation: 160.38 ft (48.88m) msl

Time: 18:44

WELL BGO 20AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 123.67 ft (37.70m) below TOC
Water elevation: 159.93 ft (48.75m) msl

Time: 12:17

WELL BGO 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 57.68 ft (17.58m) below TOC
Water elevation: 225.82 ft (68.83m) msl

Time: 18:45

WELL BGO 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 57.87 ft (17.64m) below TOC
Water elevation: 225.63 ft (68.77m) msl

Time: 17:08

WELL BGO 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 56.19 ft (17.13m) below TOC
Water elevation: 227.31 ft (69.28m) msl

Time: 18:43

WELL BGO 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 56.41 ft (17.19m) below TOC
Water elevation: 227.09 ft (69.22m) msl

Time: 17:08

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 52.64 ft (16.04m) below TOC
Water elevation: 231.06 ft (70.43m) msl

Time: 18:44

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 53.02 ft (16.16m) below TOC
Water elevation: 230.68 ft (70.31m) msl

Time: 17:08

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 53.53 ft (16.32m) below TOC
Water elevation: 231.87 ft (70.67m) msl

Time: 18:45

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 53.92 ft (16.44m) below TOC
Water elevation: 231.48 ft (70.56m) msl

Time: 12:01

WELL BGO 22DX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 52.6 ft (16.03m) below TOC
Water elevation: 233.1 ft (71.05m) msl

Time: 20:13

WELL BGO 22DX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 53.43 ft (16.29m) below TOC
Water elevation: 232.27 ft (70.80m) msl

Time: 18:43

WELL BGO 22DX

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 53.8 ft (16.40m) below TOC
Water elevation: 231.9 ft (70.68m) msl

Time: 10:23

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 54.66 ft (16.66m) below TOC
Water elevation: 234.54 ft (71.49m) msl

Time: 20:14

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 55.6 ft (16.95m) below TOC
Water elevation: 233.6 ft (71.20m) msl

Time: 18:43

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 55.94 ft (17.05m) below TOC
Water elevation: 233.26 ft (71.10m) msl

Time: 10:26

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 58.13 ft (17.72m) below TOC
Water elevation: 235.07 ft (71.65m) msl

Time: 18:46

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 58.59 ft (17.86m) below TOC
Water elevation: 234.61 ft (71.51m) msl

Time: 10:29

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 136.51 ft (41.61m) below TOC
Water elevation: 159.99 ft (48.77m) msl

Time: 19:15

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 136.87 ft (41.72m) below TOC
Water elevation: 159.63 ft (48.66m) msl

Time: 15:46

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 129.65 ft (39.52m) below TOC
Water elevation: 157.55 ft (48.02m) msl

Time: 19:32

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 129.85 ft (39.58m) below TOC
Water elevation: 157.35 ft (47.96m) msl

Time: 16:02

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 61.05 ft (18.61m) below TOC
Water elevation: 224.45 ft (68.41m) msl

Time: 19:33

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 61.34 ft (18.70m) below TOC
Water elevation: 224.16 ft (68.32m) msl

Time: 16:01

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 58.2 ft (17.74m) below TOC
Water elevation: 217.8 ft (66.39m) msl

Time: 19:33

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 58.5 ft (17.83m) below TOC
Water elevation: 217.5 ft (66.29m) msl

Time: 16:21

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 52.39 ft (15.97m) below TOC
Water elevation: 223.91 ft (68.25m) msl

Time: 19:34

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 52.56 ft (16.02m) below TOC
Water elevation: 223.74 ft (68.20m) msl

Time: 16:21

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 54.63 ft (16.65m) below TOC
Water elevation: 222.77 ft (67.90m) msl

Time: 19:34

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 54.9 ft (16.73m) below TOC
Water elevation: 222.5 ft (67.82m) msl

Time: 16:23

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 105.8 ft (32.25m) below TOC
Water elevation: 158.4 ft (48.28m) msl

Time: 19:02

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 106.11 ft (32.34m) below TOC
Water elevation: 158.09 ft (48.19m) msl

Time: 16:18

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 45.45 ft (13.85m) below TOC
Water elevation: 219.35 ft (66.86m) msl

Time: 19:02

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 45.64 ft (13.91m) below TOC
Water elevation: 219.16 ft (66.80m) msl

Time: 16:17

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 42.65 ft (13.00m) below TOC
Water elevation: 222.85 ft (67.93m) msl

Time: 19:02

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 42.8 ft (13.05m) below TOC
Water elevation: 222.7 ft (67.88m) msl

Time: 16:17

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 57.95 ft (17.66m) below TOC
Water elevation: 216.55 ft (66.01m) msl

Time: 19:36

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 58.37 ft (17.79m) below TOC
Water elevation: 216.13 ft (65.88m) msl

Time: 16:27

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 52.4 ft (15.97m) below TOC
Water elevation: 222.4 ft (67.79m) msl

Time: 19:36

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 52.69 ft (16.06m) below TOC
Water elevation: 222.11 ft (67.70m) msl

Time: 16:27

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 50.95 ft (15.53m) below TOC
Water elevation: 222.15 ft (67.71m) msl

Time: 19:36

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 50.98 ft (15.54m) below TOC
Water elevation: 222.12 ft (67.70m) msl

Time: 16:30

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 59.51 ft (18.14m) below TOC
Water elevation: 214.19 ft (65.29m) msl

Time: 19:37

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 50.65 ft (15.44m) below TOC
Water elevation: 223.05 ft (67.99m) msl

Time: 16:30

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 57.6 ft (17.56m) below TOC
Water elevation: 224.1 ft (68.31m) msl

Time: 19:37

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 57.76 ft (17.61m) below TOC
Water elevation: 223.94 ft (68.26m) msl

Time: 16:32

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 57.45 ft (17.51m) below TOC
Water elevation: 221.95 ft (67.65m) msl

Time: 19:38

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 57.66 ft (17.57m) below TOC
Water elevation: 221.74 ft (67.59m) msl

Time: 12:49

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 54.05 ft (16.47m) below TOC
Water elevation: 226.25 ft (68.96m) msl

Time: 19:38

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 54.26 ft (16.54m) below TOC
Water elevation: 226.04 ft (68.90m) msl

Time: 12:50

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 46.5 ft (14.17m) below TOC
Water elevation: 228.4 ft (69.62m) msl

Time: 19:40

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 46.45 ft (14.16m) below TOC
Water elevation: 228.45 ft (69.63m) msl

Time: 12:54

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 46.1 ft (14.05m) below TOC
Water elevation: 227.3 ft (69.28m) msl

Time: 19:43

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 46.19 ft (14.08m) below TOC
Water elevation: 227.21 ft (69.25m) msl

Time: 12:56

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 42.48 ft (12.95m) below TOC
Water elevation: 231.02 ft (70.42m) msl

Time: 19:43

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 42.68 ft (13.01m) below TOC
Water elevation: 230.82 ft (70.35m) msl

Time: 12:59

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 40.75 ft (12.42m) below TOC
Water elevation: 234.65 ft (71.52m) msl

Time: 19:44

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 40.81 ft (12.44m) below TOC
Water elevation: 234.59 ft (71.50m) msl

Time: 13:00

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 55.69 ft (16.97m) below TOC
Water elevation: 230.61 ft (70.29m) msl

Time: 19:44

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 55.74 ft (16.99m) below TOC
Water elevation: 230.56 ft (70.28m) msl

Time: 13:03

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WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 49.42 ft (15.06m) below TOC
Water elevation: 237.88 ft (72.51m) msl

Time: 19:45

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 49.75 ft (15.16m) below TOC
Water elevation: 237.55 ft (72.41m) msl

Time: 13:04

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 54.96 ft (16.75m) below TOC
Water elevation: 236.64 ft (72.13m) msl

Time: 19:45

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 55.11 ft (16.80m) below TOC
Water elevation: 236.49 ft (72.08m) msl

Time: 13:06

WELL BGO 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 130.07 ft (39.65m) below TOC
Water elevation: 165.83 ft (50.55m) msl

Time: 19:46

WELL BGO 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 130.55 ft (39.79m) below TOC
Water elevation: 165.35 ft (50.40m) msl

Time: 13:11

WELL BGO 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 66.05 ft (20.13m) below TOC
Water elevation: 230.35 ft (70.21m) msl

Time: 19:46

WELL BGO 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 66.27 ft (20.20m) below TOC
Water elevation: 230.13 ft (70.14m) msl

Time: 13:10

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 60.9 ft (18.56m) below TOC
Water elevation: 234.8 ft (71.57m) msl

Time: 19:47

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 61.26 ft (18.67m) below TOC
Water elevation: 234.44 ft (71.46m) msl

Time: 13:12

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 69.28 ft (21.12m) below TOC
Water elevation: 219.12 ft (66.79m) msl

Time: 19:11

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 69.66 ft (21.23m) below TOC
Water elevation: 218.74 ft (66.67m) msl

Time: 16:05

WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 141.85 ft (43.24m) below TOC
Water elevation: 158.45 ft (48.30m) msl

Time: 19:15

WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 142.44 ft (43.42m) below TOC
Water elevation: 157.86 ft (48.12m) msl

Time: 15:43

WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 19:18

WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 78.31 ft (23.87m) below TOC
Water elevation: 219.59 ft (66.93m) msl

Time: 15:30

WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 158.98 ft (48.46m) below TOC
Water elevation: 155.92 ft (47.52m) msl

Time: 19:31

WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 156.46 ft (47.69m) below TOC
Water elevation: 158.44 ft (48.29m) msl

Time: 15:17

WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 159.17 ft (48.52m) below TOC
Water elevation: 155.13 ft (47.28m) msl

Time: 19:31

WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 159.48 ft (48.61m) below TOC
Water elevation: 154.82 ft (47.19m) msl

Time: 15:18

WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 93.58 ft (28.52m) below TOC
Water elevation: 221.72 ft (67.58m) msl

Time: 19:26

WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 93.94 ft (28.63m) below TOC
Water elevation: 221.36 ft (67.47m) msl

Time: 15:19

WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 87.35 ft (26.62m) below TOC
Water elevation: 227.95 ft (69.48m) msl

Time: 19:26

WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 87.7 ft (26.73m) below TOC
Water elevation: 227.6 ft (69.37m) msl

Time: 15:18

WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 128.1 ft (39.05m) below TOC
Water elevation: 157.2 ft (47.92m) msl

Time: 19:10

WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 128.33 ft (39.12m) below TOC
Water elevation: 156.97 ft (47.85m) msl

Time: 14:44

WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 127.87 ft (38.98m) below TOC
Water elevation: 157.43 ft (47.99m) msl

Time: 19:12

WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 128.11 ft (39.05m) below TOC
Water elevation: 157.19 ft (47.91m) msl

Time: 14:43

WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 67.15 ft (20.47m) below TOC
Water elevation: 218.05 ft (66.46m) msl

Time: 19:11

WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 67.36 ft (20.53m) below TOC
Water elevation: 217.84 ft (66.40m) msl

Time: 14:44

WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 67.71 ft (20.64m) below TOC
Water elevation: 217.89 ft (66.41m) msl

Time: 19:13

WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.01 ft (20.73m) below TOC
Water elevation: 217.59 ft (66.32m) msl

Time: 14:42

WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: Not available
Water elevation: Not available

Time: 19:13

WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: Not available
Water elevation: Not available

Time: 14:42

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 119.63 ft (36.46m) below TOC
Water elevation: 159.27 ft (48.55m) msl

Time: 19:06

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 120.04 ft (36.59m) below TOC
Water elevation: 158.86 ft (48.42m) msl

Time: 16:12

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 62.55 ft (19.07m) below TOC
Water elevation: 216.05 ft (65.85m) msl

Time: 19:06

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 62.96 ft (19.19m) below TOC
Water elevation: 215.64 ft (65.73m) msl

Time: 16:12

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 58.95 ft (17.97m) below TOC
Water elevation: 219.65 ft (66.95m) msl

Time: 19:07

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 59.3 ft (18.07m) below TOC
Water elevation: 219.3 ft (66.84m) msl

Time: 16:11

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 54.62 ft (16.65m) below TOC
Water elevation: 223.98 ft (68.27m) msl

Time: 19:11

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 54.79 ft (16.70m) below TOC
Water elevation: 223.81 ft (68.22m) msl

Time: 16:11

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 50.46 ft (15.38m) below TOC
Water elevation: 214.94 ft (65.51m) msl

Time: 18:55

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 50.83 ft (15.49m) below TOC
Water elevation: 214.57 ft (65.40m) msl

Time: 16:47

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 48.61 ft (14.82m) below TOC
Water elevation: 216.49 ft (65.99m) msl

Time: 18:56

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 48.98 ft (14.93m) below TOC
Water elevation: 216.12 ft (65.87m) msl

Time: 16:48

WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 43.23 ft (13.18m) below TOC
Water elevation: 221.87 ft (67.63m) msl

Time: 18:56

WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 43.52 ft (13.27m) below TOC
Water elevation: 221.58 ft (67.54m) msl

Time: 16:48

WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 105.9 ft (32.28m) below TOC
Water elevation: 161 ft (49.07m) msl

Time: 18:57

WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 106.32 ft (32.41m) below TOC
Water elevation: 160.58 ft (48.95m) msl

Time: 16:44

WELL BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 47.93 ft (14.61m) below TOC
Water elevation: 219.67 ft (66.96m) msl

Time: 18:58

WELL BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 48.21 ft (14.69m) below TOC
Water elevation: 219.39 ft (66.87m) msl

Time: 16:44

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 44.78 ft (13.65m) below TOC
Water elevation: 222.62 ft (67.86m) msl

Time: 18:57

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 44.97 ft (13.71m) below TOC
Water elevation: 222.43 ft (67.80m) msl

Time: 16:44

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WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 56.2 ft (17.13m) below TOC
Water elevation: 220.4 ft (67.18m) msl

Time: 18:58

WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 56.49 ft (17.22m) below TOC
Water elevation: 220.11 ft (67.09m) msl

Time: 16:40

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 53.92 ft (16.44m) below TOC
Water elevation: 222.98 ft (67.97m) msl

Time: 18:59

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 54.13 ft (16.50m) below TOC
Water elevation: 222.77 ft (67.90m) msl

Time: 16:40

WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 19:41

WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 107.71 ft (32.83m) below TOC
Water elevation: 163.49 ft (49.83m) msl

Time: 16:36

WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 44.99 ft (13.71m) below TOC
Water elevation: 226.11 ft (68.92m) msl

Time: 19:41

WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 45.11 ft (13.75m) below TOC
Water elevation: 225.99 ft (68.88m) msl

Time: 16:36

WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 19:42

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WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 42.02 ft (12.81m) below TOC
Water elevation: 229.48 ft (69.95m) msl

Time: 16:37

WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 96.11 ft (29.29m) below TOC
Water elevation: 159.29 ft (48.55m) msl

Time: 18:54

WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 96.56 ft (29.43m) below TOC
Water elevation: 158.84 ft (48.42m) msl

Time: 16:52

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 39.85 ft (12.15m) below TOC
Water elevation: 215.65 ft (65.73m) msl

Time: 18:54

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 40.03 ft (12.20m) below TOC
Water elevation: 215.47 ft (65.68m) msl

Time: 16:53

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 34.29 ft (10.45m) below TOC
Water elevation: 221.71 ft (67.58m) msl

Time: 18:55

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 34.58 ft (10.54m) below TOC
Water elevation: 221.42 ft (67.49m) msl

Time: 16:53

WELL BGO 51A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 125.23 ft (38.17m) below TOC
Water elevation: 164.07 ft (50.01m) msl

Time: 18:31

WELL BGO 51A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 125.55 ft (38.27m) below TOC
Water elevation: 163.75 ft (49.91m) msl

Time: 12:32

WELL BGO 51AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 122.61 ft (37.37m) below TOC
Water elevation: 166.59 ft (50.78m) msl

Time: 18:35

WELL BGO 51AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 122.83 ft (37.44m) below TOC
Water elevation: 166.37 ft (50.71m) msl

Time: 12:31

WELL BGO 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 60.1 ft (18.32m) below TOC
Water elevation: 229 ft (69.80m) msl

Time: 18:32

WELL BGO 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 60.57 ft (18.46m) below TOC
Water elevation: 228.53 ft (69.66m) msl

Time: 17:09

WELL BGO 51C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 59.19 ft (18.04m) below TOC
Water elevation: 229.91 ft (70.08m) msl

Time: 18:34

WELL BGO 51C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 59.72 ft (18.20m) below TOC
Water elevation: 229.38 ft (69.92m) msl

Time: 17:09

WELL BGO 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 55.98 ft (17.06m) below TOC
Water elevation: 233.32 ft (71.12m) msl

Time: 18:35

WELL BGO 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 56.19 ft (17.13m) below TOC
Water elevation: 233.11 ft (71.05m) msl

Time: 17:10

WELL BGO 52A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 121.87 ft (37.15m) below TOC
Water elevation: 162.53 ft (49.54m) msl

Time: 18:37

WELL BGO 52A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 123 ft (37.49m) below TOC
Water elevation: 161.4 ft (49.20m) msl

Time: 10:00

WELL BGO 52AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 122.69 ft (37.40m) below TOC
Water elevation: 161.81 ft (49.32m) msl

Time: 18:38

WELL BGO 52AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 122.25 ft (37.26m) below TOC
Water elevation: 162.25 ft (49.45m) msl

Time: 9:59

WELL BGO 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 57.67 ft (17.58m) below TOC
Water elevation: 226.73 ft (69.11m) msl

Time: 18:37

WELL BGO 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 57.79 ft (17.61m) below TOC
Water elevation: 226.61 ft (69.07m) msl

Time: 9:58

WELL BGO 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 56.38 ft (17.18m) below TOC
Water elevation: 228.12 ft (69.53m) msl

Time: 18:36

WELL BGO 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 56.64 ft (17.26m) below TOC
Water elevation: 227.86 ft (69.45m) msl

Time: 9:57

WELL BGO 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 53.31 ft (16.25m) below TOC
Water elevation: 231.49 ft (70.56m) msl

Time: 18:35

WELL BGO 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 53.68 ft (16.36m) below TOC
Water elevation: 231.12 ft (70.45m) msl

Time: 9:56

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WELL BGO 53A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 133.55 ft (40.71m) below TOC
Water elevation: 157.85 ft (48.11m) msl

Time: 19:48

WELL BGO 53A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 133.97 ft (40.83m) below TOC
Water elevation: 157.43 ft (47.96m) msl

Time: 9:37

WELL BGO 53AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 134.35 ft (40.95m) below TOC
Water elevation: 157.35 ft (47.96m) msl

Time: 19:48

WELL BGO 53AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 134.79 ft (41.08m) below TOC
Water elevation: 156.91 ft (47.83m) msl

Time: 9:46

WELL BGO 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 72.63 ft (22.14m) below TOC
Water elevation: 218.47 ft (66.59m) msl

Time: 19:49

WELL BGO 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 72.99 ft (22.25m) below TOC
Water elevation: 218.11 ft (66.48m) msl

Time: 9:50

WELL BGO 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 19:50

WELL BGO 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 71.46 ft (21.78m) below TOC
Water elevation: 219.44 ft (66.89m) msl

Time: 9:51

WELL BGO 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 64.89 ft (19.78m) below TOC
Water elevation: 226.71 ft (69.10m) msl

Time: 19:49

WELL BGO 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 65.27 ft (19.89m) below TOC
Water elevation: 226.33 ft (68.99m) msl

Time: 9:49

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 133.9 ft (40.81m) below TOC
Water elevation: 157.3 ft (47.95m) msl

Time: 19:51

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 134.59 ft (41.02m) below TOC
Water elevation: 156.61 ft (47.74m) msl

Time: 13:46

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 78.52 ft (23.93m) below TOC
Water elevation: 212.78 ft (64.86m) msl

Time: 19:52

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 78.76 ft (24.01m) below TOC
Water elevation: 212.54 ft (64.78m) msl

Time: 13:46

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 64.32 ft (19.60m) below TOC
Water elevation: 226.98 ft (69.18m) msl

Time: 19:52

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 84.52 ft (25.76m) below TOC
Water elevation: 206.78 ft (63.03m) msl

Time: 13:45

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 82.25 ft (25.07m) below TOC
Water elevation: 209.05 ft (63.72m) msl

Time: 19:53

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 82.45 ft (25.13m) below TOC
Water elevation: 208.85 ft (63.66m) msl

Time: 13:50

ESH-EMS-2000407

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 79.13 ft (24.12m) below TOC
Water elevation: 211.97 ft (64.61m) msl

Time: 19:53

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 79.43 ft (24.21m) below TOC
Water elevation: 211.67 ft (64.52m) msl

Time: 13:49

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 79.59 ft (24.26m) below TOC
Water elevation: 211.61 ft (64.50m) msl

Time: 19:06

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 79.98 ft (24.38m) below TOC
Water elevation: 211.22 ft (64.38m) msl

Time: 13:37

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 136.87 ft (41.72m) below TOC
Water elevation: 154.03 ft (46.95m) msl

Time: 19:04

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 137.06 ft (41.78m) below TOC
Water elevation: 153.84 ft (46.89m) msl

Time: 13:33

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 80 ft (24.38m) below TOC
Water elevation: 210.8 ft (64.25m) msl

Time: 19:02

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 80.39 ft (24.50m) below TOC
Water elevation: 210.41 ft (64.13m) msl

Time: 13:34

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 79.02 ft (24.09m) below TOC
Water elevation: 211.88 ft (64.58m) msl

Time: 19:02

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 79.48 ft (24.23m) below TOC
Water elevation: 211.42 ft (64.44m) msl

Time: 13:35

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 79.72 ft (24.30m) below TOC
Water elevation: 205.28 ft (62.57m) msl

Time: 18:55

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 80.11 ft (24.42m) below TOC
Water elevation: 204.89 ft (62.45m) msl

Time: 13:27

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 74.57 ft (22.73m) below TOC
Water elevation: 202.43 ft (61.70m) msl

Time: 18:52

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 74.09 ft (22.58m) below TOC
Water elevation: 202.91 ft (61.85m) msl

Time: 11:41

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 76.88 ft (23.43m) below TOC
Water elevation: 202.32 ft (61.67m) msl

Time: 19:54

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 77.11 ft (23.50m) below TOC
Water elevation: 202.09 ft (61.60m) msl

Time: 11:34

WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 75.75 ft (23.09m) below TOC
Water elevation: 202.45 ft (61.71m) msl

Time: 19:54

WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 76.04 ft (23.18m) below TOC
Water elevation: 202.16 ft (61.62m) msl

Time: 11:46

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WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 54.88 ft (16.73m) below TOC
Water elevation: 224.52 ft (68.43m) msl

Time: 11:51

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 53.33 ft (16.26m) below TOC
Water elevation: 223.57 ft (68.14m) msl

Time: 19:55

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 53.49 ft (16.30m) below TOC
Water elevation: 223.41 ft (68.10m) msl

Time: 11:53

WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 44.57 ft (13.59m) below TOC
Water elevation: 231.73 ft (70.63m) msl

Time: 19:56

WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 44.32 ft (13.51m) below TOC
Water elevation: 231.98 ft (70.71m) msl

Time: 11:56

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 43 ft (13.11m) below TOC
Water elevation: 232.1 ft (70.74m) msl

Time: 19:56

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 43.32 ft (13.20m) below TOC
Water elevation: 231.78 ft (70.65m) msl

Time: 13:20

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 40.15 ft (12.24m) below TOC
Water elevation: 235.05 ft (71.64m) msl

Time: 19:57

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 40.53 ft (12.35m) below TOC
Water elevation: 234.67 ft (71.53m) msl

Time: 13:21

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 59.03 ft (17.99m) below TOC
Water elevation: 219.57 ft (66.93m) msl

Time: 12:47

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 55.74 ft (16.99m) below TOC
Water elevation: 214.66 ft (65.43m) msl

Time: 12:46

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 49 ft (14.94m) below TOC
Water elevation: 218.4 ft (66.57m) msl

Time: 12:39

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 69.75 ft (21.26m) below TOC
Water elevation: 213.25 ft (65.00m) msl

Time: 12:35

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/00
Depth to water: 80 ft (24.38m) below TOC
Water elevation: 208.9 ft (63.67m) msl

Time: 11:02

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/00
Depth to water: 79.23 ft (24.15m) below TOC
Water elevation: 209.37 ft (63.82m) msl

Time: 10:55

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 69.84 ft (21.29m) below TOC
Water elevation: 204.76 ft (62.41m) msl

Time: 11:01

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 74.74 ft (22.78m) below TOC
Water elevation: 203.96 ft (62.17m) msl

Time: 11:23

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: Not available
Water elevation: Not available

Time: 10:48

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: Not available
Water elevation: Not available

Time: 10:50

WELL CRP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 76.05 ft (23.18m) below TOC
Water elevation: 192.15 ft (58.57m) msl

Time: 10:54

WELL CRP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 63.89 ft (19.47m) below TOC
Water elevation: 203.51 ft (62.03m) msl

Time: 10:52

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 63 ft (19.20m) below TOC
Water elevation: 204.7 ft (62.39m) msl

Time: 11:42

WELL CRP 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 83.33 ft (25.40m) below TOC
Water elevation: 193.57 ft (59.00m) msl

Time: 11:09

WELL CRP 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 70.9 ft (21.61m) below TOC
Water elevation: 205.6 ft (62.67m) msl

Time: 11:08

WELL CRP 6DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 59.83 ft (18.24m) below TOC
Water elevation: 203.67 ft (62.08m) msl

Time: 11:54

WELL CRP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 62.46 ft (19.04m) below TOC
Water elevation: 202.64 ft (61.77m) msl

Time: 11:33

WELL CRP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 46.08 ft (14.05m) below TOC
Water elevation: 202.32 ft (61.67m) msl

Time: 11:49

WELL CRP 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 65.33 ft (19.91m) below TOC
Water elevation: 202.17 ft (61.62m) msl

Time: 10:38

WELL CRP 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 68.83 ft (20.98m) below TOC
Water elevation: 202.77 ft (61.81m) msl

Time: 11:03

WELL CRP 16DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 67.53 ft (20.60m) below TOC
Water elevation: Not available

Time: 10:34

WELL CRP 16DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 67.53 ft (20.58m) below TOC
Water elevation: Not available

Time: 10:35

WELL CRP 17DL

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 63.54 ft (19.37m) below TOC
Water elevation: Not available

Time: 10:36

WELL CRP 17DU

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 63.28 ft (19.29m) below TOC
Water elevation: Not available

Time: 10:36

WELL CSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 87.18 ft (26.57m) below TOC
Water elevation: 199.72 ft (60.88m) msl

Time: 12:24

WELL CSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 82.36 ft (25.10m) below TOC
Water elevation: 201.04 ft (61.28m) msl

Time: 12:19

WELL CSB 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 79.75 ft (24.31m) below TOC
Water elevation: 207.45 ft (63.23m) msl

Time: 12:23

WELL CSB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 74.53 ft (22.72m) below TOC
Water elevation: 205.37 ft (62.60m) msl

Time: 12:13

WELL CSB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 73.89 ft (22.52m) below TOC
Water elevation: 205.01 ft (62.49m) msl

Time: 12:08

WELL CSB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 85.95 ft (26.20m) below TOC
Water elevation: Not available

Time: 12:03

WELL CSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 78.97 ft (24.07m) below TOC
Water elevation: Not available

Time: 13:11

WELL CSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 12.93 ft (3.94m) below TOC
Water elevation: Not available

Time: 15:17

WELL CSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 30.91 ft (9.42m) below TOC
Water elevation: Not available

Time: 12:56

WELL CSB 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 26.97 ft (8.22m) below TOC
Water elevation: Not available

Time: 13:26

WELL CSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 29.74 ft (9.06m) below TOC
Water elevation: Not available

Time: 15:11

WELL FIW 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 76.85 ft (23.42m) below TOC
Water elevation: 217.05 ft (66.16m) msl

Time: 15:58

WELL FIW 1MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 82.2 ft (25.05m) below TOC
Water elevation: 211.5 ft (64.47m) msl

Time: 15:58

WELL FIW 2IC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 79.38 ft (24.20m) below TOC
Water elevation: 211.12 ft (64.35m) msl

Time: 15:59

WELL FIW 2MA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 142.46 ft (43.42m) below TOC
Water elevation: 150.24 ft (45.79m) msl

Time: 15:59

WELL FIW 2MC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 74.51 ft (22.71m) below TOC
Water elevation: 211.29 ft (64.40m) msl

Time: 11:14

WELL FIW 2MD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 74.5 ft (22.71m) below TOC
Water elevation: 216.3 ft (65.93m) msl

Time: 16:00

WELL FOB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 61.18 ft (18.65m) below TOC
Water elevation: 197.32 ft (60.14m) msl

Time: 16:00

WELL FOB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 146.19 ft (44.56m) below TOC
Water elevation: 151.31 ft (46.12m) msl

Time: 11:47

WELL FOB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 89.68 ft (27.33m) below TOC
Water elevation: 208.22 ft (63.47m) msl

Time: 11:46

WELL FOB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 83.75 ft (25.53m) below TOC
Water elevation: 211.05 ft (64.33m) msl

Time: 16:01

WELL FOB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 50.75 ft (15.47m) below TOC
Water elevation: 212.95 ft (64.91m) msl

Time: 16:01

WELL FSB 50PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 55.34 ft (16.87m) below TOC
Water elevation: 202.66 ft (61.77m) msl

Time: 16:02

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 76.54 ft (23.33m) below TOC
Water elevation: 217.66 ft (66.34m) msl

Time: 16:02

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 139.28 ft (42.45m) below TOC
Water elevation: 154.62 ft (47.13m) msl

Time: 16:02

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 142.95 ft (43.57m) below TOC
Water elevation: 150.85 ft (45.98m) msl

Time: 16:03

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 82.15 ft (25.04m) below TOC
Water elevation: 211.45 ft (64.45m) msl

Time: 16:03

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 61.25 ft (18.67m) below TOC
Water elevation: 212.05 ft (64.63m) msl

Time: 18:05

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 62.05 ft (18.91m) below TOC
Water elevation: 211.25 ft (64.39m) msl

Time: 10:47

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 67.15 ft (20.47m) below TOC
Water elevation: 205.45 ft (62.62m) msl

Time: 16:08

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 67.67 ft (20.63m) below TOC
Water elevation: 204.93 ft (62.46m) msl

Time: 10:48

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 117.95 ft (35.95m) below TOC
Water elevation: 154.65 ft (47.14m) msl

Time: 16:03

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 119.81 ft (36.52m) below TOC
Water elevation: 152.99 ft (46.63m) msl

Time: 16:04

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 69.55 ft (21.20m) below TOC
Water elevation: 203.95 ft (62.16m) msl

Time: 16:04

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 23 ft (7.01m) below TOC
Water elevation: 194.8 ft (59.38m) msl

Time: 18:05

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 26.67 ft (8.13m) below TOC
Water elevation: 191.13 ft (58.26m) msl

Time: 12:53

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 61.58 ft (18.77m) below TOC
Water elevation: 156.52 ft (47.71m) msl

Time: 16:04

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 61.6 ft (18.78m) below TOC
Water elevation: 156.6 ft (47.73m) msl

Time: 16:04

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 25.19 ft (7.68m) below TOC
Water elevation: 193.21 ft (58.89m) msl

Time: 18:06

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 24.4 ft (7.44m) below TOC
Water elevation: 194 ft (59.13m) msl

Time: 10:49

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 135.27 ft (41.23m) below TOC
Water elevation: 152.53 ft (46.49m) msl

Time: 16:05

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 138.1 ft (42.09m) below TOC
Water elevation: 149.4 ft (45.54m) msl

Time: 16:05

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 80.27 ft (24.47m) below TOC
Water elevation: 207.23 ft (63.16m) msl

Time: 16:05

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 76.3 ft (23.26m) below TOC
Water elevation: 211 ft (64.31m) msl

Time: 16:06

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 70.94 ft (21.62m) below TOC
Water elevation: 212.06 ft (64.64m) msl

Time: 16:07

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 65.61 ft (20.00m) below TOC
Water elevation: 216.79 ft (66.08m) msl

Time: 16:07

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 69.64 ft (21.23m) below TOC
Water elevation: 211.66 ft (64.51m) msl

Time: 16:07

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 65.38 ft (19.93m) below TOC
Water elevation: 215.82 ft (65.78m) msl

Time: 16:08

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.29 ft (20.82m) below TOC
Water elevation: 210.11 ft (64.04m) msl

Time: 16:08

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: Not available
Water elevation: Not available

Time: 18:06

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 63.11 ft (19.24m) below TOC
Water elevation: 215.49 ft (65.68m) msl

Time: 10:50

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 67.18 ft (20.95m) below TOC
Water elevation: 210.56 ft (64.18m) msl

Time: 16:08

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.94 ft (21.01m) below TOC
Water elevation: 210.26 ft (64.09m) msl

Time: 16:09

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 67.18 ft (20.48m) below TOC
Water elevation: 208.52 ft (63.56m) msl

Time: 16:09

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 65.34 ft (19.92m) below TOC
Water elevation: 210.56 ft (64.18m) msl

Time: 18:07

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 65.97 ft (20.11m) below TOC
Water elevation: 209.93 ft (63.99m) msl

Time: 10:50

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 70.35 ft (21.44m) below TOC
Water elevation: 205.85 ft (62.74m) msl

Time: 16:09

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WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 67.44 ft (20.56m) below TOC
Water elevation: 208.66 ft (63.60m) msl

Time: 16:10

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 77.02 ft (23.48m) below TOC
Water elevation: 204.08 ft (62.20m) msl

Time: 16:14

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 76.35 ft (23.27m) below TOC
Water elevation: 204.75 ft (62.41m) msl

Time: 16:10

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 73.67 ft (22.45m) below TOC
Water elevation: 206.83 ft (63.04m) msl

Time: 16:14

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 74.21 ft (22.62m) below TOC
Water elevation: 206.29 ft (62.88m) msl

Time: 10:51

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 81.63 ft (24.88m) below TOC
Water elevation: 202.37 ft (61.68m) msl

Time: 16:13

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 82.13 ft (25.03m) below TOC
Water elevation: 201.87 ft (61.53m) msl

Time: 10:51

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 77.24 ft (23.54m) below TOC
Water elevation: 206.86 ft (63.05m) msl

Time: 16:13

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 77.72 ft (23.69m) below TOC
Water elevation: 206.38 ft (62.91m) msl

Time: 12:54

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 129.52 ft (39.48m) below TOC
Water elevation: 151.68 ft (46.23m) msl

Time: 16:10

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 135.43 ft (41.28m) below TOC
Water elevation: 150.67 ft (45.92m) msl

Time: 16:11

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 80.92 ft (24.66m) below TOC
Water elevation: 205.18 ft (62.54m) msl

Time: 16:12

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 81.31 ft (24.78m) below TOC
Water elevation: 204.79 ft (62.42m) msl

Time: 10:52

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 77.46 ft (23.61m) below TOC
Water elevation: 208.54 ft (63.56m) msl

Time: 16:13

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 78.03 ft (23.78m) below TOC
Water elevation: 207.97 ft (63.39m) msl

Time: 10:52

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 133.95 ft (40.83m) below TOC
Water elevation: 150.05 ft (45.74m) msl

Time: 16:11

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 76.81 ft (23.41m) below TOC
Water elevation: 207.69 ft (63.30m) msl

Time: 18:07

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 77.57 ft (23.64m) below TOC
Water elevation: 206.93 ft (63.07m) msl

Time: 10:53

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 73.7 ft (22.46m) below TOC
Water elevation: 210.8 ft (64.25m) msl

Time: 18:08

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 77.47 ft (23.61m) below TOC
Water elevation: 207.03 ft (63.10m) msl

Time: 10:53

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 138.38 ft (42.18m) below TOC
Water elevation: 149.22 ft (45.48m) msl

Time: 16:11

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 79.1 ft (24.11m) below TOC
Water elevation: 208.6 ft (63.58m) msl

Time: 16:12

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 74.78 ft (22.79m) below TOC
Water elevation: 212.82 ft (64.87m) msl

Time: 16:12

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 135.46 ft (41.29m) below TOC
Water elevation: 150.54 ft (45.89m) msl

Time: 16:12

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 134.22 ft (40.91m) below TOC
Water elevation: 150.98 ft (46.02m) msl

Time: 16:12

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 7.7 ft (2.35m) below TOC
Water elevation: 193.4 ft (58.95m) msl

Time: 16:13

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 46.37 ft (14.13m) below TOC
Water elevation: 196.03 ft (59.75m) msl

Time: 16:13

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 23.15 ft (7.06m) below TOC
Water elevation: 195.95 ft (59.73m) msl

Time: 16:13

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: Not available
Water elevation: Not available

Time: 16:09

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 22.14 ft (6.75m) below TOC
Water elevation: 197.06 ft (60.06m) msl

Time: 16:14

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 82.57 ft (25.17m) below TOC
Water elevation: 203.23 ft (61.95m) msl

Time: 10:54

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 77.85 ft (23.73m) below TOC
Water elevation: 207.75 ft (63.32m) msl

Time: 16:14

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 37.41 ft (11.40m) below TOC
Water elevation: 197.69 ft (60.26m) msl

Time: 16:14

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 61.38 ft (18.71m) below TOC
Water elevation: 209.52 ft (63.86m) msl

Time: 16:15

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 58.99 ft (17.98m) below TOC
Water elevation: 212.01 ft (64.62m) msl

Time: 10:55

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 81.44 ft (24.82m) below TOC
Water elevation: 216.56 ft (66.01m) msl

Time: 16:15

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 79.17 ft (24.13m) below TOC
Water elevation: 213.93 ft (65.21m) msl

Time: 16:16

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 37.72 ft (11.50m) below TOC
Water elevation: 196.78 ft (59.98m) msl

Time: 16:17

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 35.25 ft (10.74m) below TOC
Water elevation: 199.25 ft (60.73m) msl

Time: 16:10

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 35.5 ft (10.82m) below TOC
Water elevation: 199 ft (60.66m) msl

Time: 10:56

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 64.35 ft (19.61m) below TOC
Water elevation: 211.95 ft (64.60m) msl

Time: 16:17

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 62 ft (18.90m) below TOC
Water elevation: 214.6 ft (65.41m) msl

Time: 16:17

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 77.49 ft (23.62m) below TOC
Water elevation: 151.61 ft (46.21m) msl

Time: 16:18

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 32.55 ft (9.92m) below TOC
Water elevation: 196.55 ft (59.91m) msl

Time: 16:18

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 30.45 ft (9.28m) below TOC
Water elevation: 199.15 ft (60.70m) msl

Time: 16:18

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 63.82 ft (19.45m) below TOC
Water elevation: 159.38 ft (48.58m) msl

Time: 16:18

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 23.07 ft (7.03m) below TOC
Water elevation: 199.83 ft (60.91m) msl

Time: 16:19

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 18.9 ft (5.76m) below TOC
Water elevation: 203.6 ft (62.06m) msl

Time: 16:19

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 97.78 ft (29.80m) below TOC
Water elevation: 154.22 ft (47.01m) msl

Time: 16:19

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 39.34 ft (11.99m) below TOC
Water elevation: 212.86 ft (64.88m) msl

Time: 16:21

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 36.38 ft (11.09m) below TOC
Water elevation: 215.82 ft (65.78m) msl

Time: 16:21

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 23.85 ft (7.27m) below TOC
Water elevation: 183.95 ft (56.07m) msl

Time: 16:21

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 19.43 ft (5.92m) below TOC
Water elevation: 189.07 ft (57.63m) msl

Time: 16:22

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 14.64 ft (4.46m) below TOC
Water elevation: 187.86 ft (57.26m) msl

Time: 16:22

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 13.32 ft (4.06m) below TOC
Water elevation: 189.58 ft (57.78m) msl

Time: 16:22

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: Not available
Water elevation: Not available

Time: 16:11

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: Not available
Water elevation: Not available

Time: 10:56

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 31.12 ft (9.49m) below TOC
Water elevation: 199.58 ft (60.83m) msl

Time: 12:54

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 34.15 ft (10.41m) below TOC
Water elevation: 209.15 ft (63.75m) msl

Time: 16:23

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 49.56 ft (15.11m) below TOC
Water elevation: 204.54 ft (62.34m) msl

Time: 16:11

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 49.97 ft (15.23m) below TOC
Water elevation: 204.13 ft (62.22m) msl

Time: 10:57

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 126.71 ft (38.62m) below TOC
Water elevation: 153.39 ft (46.75m) msl

Time: 16:24

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 77.44 ft (23.60m) below TOC
Water elevation: 202.26 ft (61.65m) msl

Time: 16:24

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 74.2 ft (22.62m) below TOC
Water elevation: 206.3 ft (62.88m) msl

Time: 16:24

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 56.54 ft (17.23m) below TOC
Water elevation: 199.96 ft (60.95m) msl

Time: 16:25

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 52.84 ft (16.11m) below TOC
Water elevation: 202.66 ft (61.77m) msl

Time: 16:25

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 23.33 ft (7.11m) below TOC
Water elevation: 194.67 ft (59.34m) msl

Time: 16:25

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 20.08 ft (6.12m) below TOC
Water elevation: 197.52 ft (60.20m) msl

Time: 16:26

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 30.05 ft (9.16m) below TOC
Water elevation: 208.05 ft (63.41m) msl

Time: 16:26

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 28.35 ft (8.64m) below TOC
Water elevation: 209.75 ft (63.93m) msl

Time: 16:27

WELL FSB150PC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 41.72 ft (12.72m) below TOC
Water elevation: 195.08 ft (59.46m) msl

Time: 16:27

WELL FSB150PD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 56.92 ft (17.35m) below TOC
Water elevation: 202.48 ft (61.72m) msl

Time: 16:27

ESH-EMS-2000407

WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 88.97 ft (27.12m) below TOC
Water elevation: 221.83 ft (67.61m) msl

Time: 19:57

WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 80.31 ft (24.48m) below TOC
Water elevation: 230.49 ft (70.25m) msl

Time: 11:27

WELL FSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 81.88 ft (25.30m) below TOC
Water elevation: 222.79 ft (67.91m) msl

Time: 16:28

WELL FSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 81.88 ft (24.96m) below TOC
Water elevation: 220.12 ft (67.09m) msl

Time: 16:28

WELL FSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: Not available
Water elevation: Not available

Time: 16:29

WELL FSL 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 73.22 ft (22.32m) below TOC
Water elevation: 218.58 ft (66.62m) msl

Time: 16:28

WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 68.08 ft (20.75m) below TOC
Water elevation: 218.12 ft (66.48m) msl

Time: 16:29

WELL FSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 70.24 ft (21.41m) below TOC
Water elevation: 217.36 ft (66.25m) msl

Time: 16:30

WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 73.92 ft (22.53m) below TOC
Water elevation: 216.88 ft (66.11m) msl

Time: 16:30

WELL FSL 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
Depth to water: 69.28 ft (21.12m) below TOC
Water elevation: 216.62 ft (66.03m) msl

Time: 16:30

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 45.5 ft (13.87m) below TOC
Water elevation: 220.5 ft (67.21m) msl

Time: 19:01

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 45.8 ft (13.96m) below TOC
Water elevation: 220.2 ft (67.12m) msl

Time: 8:36

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 41.59 ft (12.68m) below TOC
Water elevation: 220.01 ft (67.06m) msl

Time: 19:00

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 41.9 ft (12.77m) below TOC
Water elevation: 219.7 ft (66.97m) msl

Time: 8:41

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 40.31 ft (12.29m) below TOC
Water elevation: 217.89 ft (66.41m) msl

Time: 19:00

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 40.6 ft (12.38m) below TOC
Water elevation: 217.6 ft (66.33m) msl

Time: 8:44

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 74.82 ft (22.81m) below TOC
Water elevation: 216.98 ft (66.14m) msl

Time: 18:59

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 75.2 ft (22.92m) below TOC
Water elevation: 216.6 ft (66.02m) msl

Time: 8:47

ESH-EMS-2000407

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 59 ft (17.98m) below TOC
Water elevation: 205.5 ft (62.64m) msl

Time: 18:52

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 62.83 ft (19.46m) below TOC
Water elevation: 197.27 ft (60.13m) msl

Time: 18:53

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 62.45 ft (19.03m) below TOC
Water elevation: 197.05 ft (60.06m) msl

Time: 18:47

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 53.5 ft (16.31m) below TOC
Water elevation: 197.4 ft (60.17m) msl

Time: 18:53

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 53.67 ft (16.36m) below TOC
Water elevation: 197.23 ft (60.12m) msl

Time: 11:05

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 126.75 ft (38.63m) below TOC
Water elevation: 167.65 ft (51.10m) msl

Time: 18:23

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 62.76 ft (19.13m) below TOC
Water elevation: 231.74 ft (70.64m) msl

Time: 18:26

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/00
Depth to water: 56.69 ft (17.28m) below TOC
Water elevation: 237.41 ft (72.36m) msl

Time: 18:25

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
Depth to water: 5.77 ft (1.76m) below TOC
Water elevation: 198.23 ft (60.42m) msl

Time: 20:14

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
 Depth to water: 6.73 ft (2.05m) below TOC
 Water elevation: 197.47 ft (60.19m) msl

Time: 20:14

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
 Depth to water: 12.77 ft (3.89m) below TOC
 Water elevation: 209.43 ft (63.84m) msl

Time: 20:15

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
 Depth to water: 15.52 ft (4.73m) below TOC
 Water elevation: 206.68 ft (63.00m) msl

Time: 16:41

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
 Depth to water: 11.88 ft (3.62m) below TOC
 Water elevation: 211.02 ft (64.32m) msl

Time: 20:15

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/00
 Depth to water: 14.38 ft (4.38m) below TOC
 Water elevation: 208.52 ft (63.56m) msl

Time: 16:42

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
 Depth to water: 6.47 ft (1.97m) below TOC
 Water elevation: 207.13 ft (63.13m) msl

Time: 20:16

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
 Depth to water: 7.16 ft (2.18m) below TOC
 Water elevation: 206.44 ft (62.92m) msl

Time: 20:16

WELL LFW 6R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 17.95 ft (5.47m) below TOC
 Water elevation: 152.25 ft (46.41m) msl

Time: 3:29

WELL LFW 8R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 21.7 ft (6.61m) below TOC
 Water elevation: 148.9 ft (45.39m) msl

Time: 3:51

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
 Depth to water: 31.75 ft (9.68m) below TOC
 Water elevation: 149.85 ft (45.67m) msl

Time: 13:06

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
 Depth to water: 31.2 ft (9.51m) below TOC
 Water elevation: 152.7 ft (46.54m) msl

Time: 13:07

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
 Depth to water: 36.75 ft (11.20m) below TOC
 Water elevation: 148.35 ft (45.22m) msl

Time: 13:07

WELL LFW 23R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 22.4 ft (6.83m) below TOC
 Water elevation: 147.9 ft (45.08m) msl

Time: 6:09

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
 Depth to water: 67.4 ft (20.54m) below TOC
 Water elevation: 161.9 ft (49.35m) msl

Time: 13:08

WELL LFW 36R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 19.85 ft (6.05m) below TOC
 Water elevation: 146.35 ft (44.61m) msl

Time: 3:56

WELL LFW 41R

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 28.4 ft (8.66m) below TOC
 Water elevation: 141.3 ft (43.07m) msl

Time: 5:56

WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 40.4 ft (12.31m) below TOC
 Water elevation: 162.6 ft (49.56m) msl

Time: 6:38

WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
 Depth to water: 40.2 ft (12.25m) below TOC
 Water elevation: 162.4 ft (49.50m) msl

Time: 6:41

WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 40.35 ft (12.30m) below TOC
Water elevation: 162.55 ft (49.55m) msl

Time: 6:34

WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 14.8 ft (4.51m) below TOC
Water elevation: 151.5 ft (46.18m) msl

Time: 3:37

WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 13.3 ft (4.05m) below TOC
Water elevation: 148.4 ft (45.23m) msl

Time: 3:41

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 13.3 ft (4.05m) below TOC
Water elevation: 144.8 ft (44.14m) msl

Time: 4:04

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 26.9 ft (8.20m) below TOC
Water elevation: 140.7 ft (42.89m) msl

Time: 4:09

WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 26.4 ft (8.05m) below TOC
Water elevation: 141.2 ft (43.04m) msl

Time: 5:16

WELL LFW 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 18.55 ft (5.65m) below TOC
Water elevation: 138.65 ft (42.26m) msl

Time: 4:56

WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 19.5 ft (5.94m) below TOC
Water elevation: 137.6 ft (41.94m) msl

Time: 4:58

WELL LFW 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 26.5 ft (8.08m) below TOC
Water elevation: 141.8 ft (43.22m) msl

Time: 5:59

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 23.4 ft (7.13m) below TOC
Water elevation: 141.4 ft (43.10m) msl

Time: 5:19

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 28.9 ft (8.81m) below TOC
Water elevation: 138.9 ft (42.34m) msl

Time: 4:13

WELL LFW 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 28.65 ft (8.73m) below TOC
Water elevation: 139.15 ft (42.41m) msl

Time: 4:18

WELL LFW 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 29.1 ft (8.87m) below TOC
Water elevation: 139 ft (42.37m) msl

Time: 4:15

WELL LFW 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 26.9 ft (8.20m) below TOC
Water elevation: 141.4 ft (43.10m) msl

Time: 4:17

WELL LFW 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 12.9 ft (3.93m) below TOC
Water elevation: 139.3 ft (42.46m) msl

Time: 4:43

WELL LFW 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 12.87 ft (3.92m) below TOC
Water elevation: 139.33 ft (42.47m) msl

Time: 4:40

WELL LFW 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 10.85 ft (3.31m) below TOC
Water elevation: 137.35 ft (41.86m) msl

Time: 5:03

WELL LFW 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 11.2 ft (3.41m) below TOC
Water elevation: 137 ft (41.76m) msl

Time: 5:08

WELL LFW 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 11.2 ft (3.41m) below TOC
Water elevation: 137.2 ft (41.82m) msl

Time: 5:11

WELL LFW 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 19.6 ft (5.97m) below TOC
Water elevation: 138.1 ft (42.09m) msl

Time: 5:36

WELL LFW 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 19.4 ft (5.91m) below TOC
Water elevation: 137.7 ft (41.97m) msl

Time: 5:39

WELL LFW 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 18 ft (5.49m) below TOC
Water elevation: 139.7 ft (42.58m) msl

Time: 5:46

WELL LFW 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 21 ft (6.40m) below TOC
Water elevation: 140.4 ft (42.79m) msl

Time: 6:04

WELL LFW 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 8.9 ft (2.71m) below TOC
Water elevation: 137.1 ft (41.79m) msl

Time: 4:51

WELL LFW 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 8.8 ft (2.68m) below TOC
Water elevation: 137.3 ft (41.85m) msl

Time: 4:49

WELL LFW 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 9.9 ft (3.02m) below TOC
Water elevation: 137.1 ft (41.79m) msl

Time: 5:28

WELL LFW 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 10.2 ft (3.11m) below TOC
Water elevation: 137 ft (41.76m) msl

Time: 5:25

WELL LFW 71D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 11 ft (3.35m) below TOC
Water elevation: 136.4 ft (41.58m) msl

Time: 5:24

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 107.37 ft (32.73m) below TOC
Water elevation: 221.03 ft (67.37m) msl

Time: 12:22

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.3 ft (44.90m) below TOC
Water elevation: 191.8 ft (58.46m) msl

Time: 3:56

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 115.9 ft (35.33m) below TOC
Water elevation: 216.2 ft (65.90m) msl

Time: 3:40

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139.65 ft (42.57m) below TOC
Water elevation: 192.45 ft (58.66m) msl

Time: 3:30

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 146.8 ft (44.75m) below TOC
Water elevation: 190.9 ft (58.19m) msl

Time: 4:00

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 146.7 ft (44.71m) below TOC
Water elevation: 208.1 ft (63.43m) msl

Time: 10:57

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 141.21 ft (43.04m) below TOC
Water elevation: 213.89 ft (65.19m) msl

Time: 10:57

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139.31 ft (42.46m) below TOC
Water elevation: 215.59 ft (65.71m) msl

Time: 10:58

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 127.85 ft (38.97m) below TOC
Water elevation: 226.95 ft (69.18m) msl

Time: 10:58

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 145.41 ft (44.32m) below TOC
Water elevation: 209.19 ft (63.76m) msl

Time: 11:05

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139.65 ft (42.57m) below TOC
Water elevation: 215.05 ft (65.55m) msl

Time: 11:06

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 126.33 ft (38.51m) below TOC
Water elevation: 227.47 ft (69.33m) msl

Time: 11:06

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 11:15

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 144.16 ft (43.94m) below TOC
Water elevation: 216.64 ft (66.03m) msl

Time: 11:15

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.99 ft (45.11m) below TOC
Water elevation: 207.31 ft (63.19m) msl

Time: 10:36

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 142.4 ft (43.40m) below TOC
Water elevation: 212.8 ft (64.86m) msl

Time: 10:37

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 129.41 ft (39.44m) below TOC
Water elevation: 226.09 ft (68.91m) msl

Time: 10:37

ESH-EMS-2000407

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 120.18 ft (36.63m) below TOC
Water elevation: 224.42 ft (68.40m) msl

Time: 10:19

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 140 ft (42.67m) below TOC
Water elevation: 205 ft (62.48m) msl

Time: 10:19

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 125.18 ft (38.16m) below TOC
Water elevation: 220.02 ft (67.06m) msl

Time: 10:20

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 119.9 ft (36.55m) below TOC
Water elevation: 223.9 ft (68.25m) msl

Time: 9:48

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 140.15 ft (42.72m) below TOC
Water elevation: 203.75 ft (62.10m) msl

Time: 9:48

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 123.56 ft (37.66m) below TOC
Water elevation: 220.24 ft (67.13m) msl

Time: 9:48

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 119.14 ft (36.31m) below TOC
Water elevation: 225.16 ft (68.63m) msl

Time: 9:40

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139.85 ft (42.63m) below TOC
Water elevation: 204.25 ft (62.26m) msl

Time: 9:40

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 124.97 ft (38.09m) below TOC
Water elevation: 219.53 ft (66.91m) msl

Time: 9:40

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 13:21

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 138.08 ft (42.09m) below TOC
Water elevation: 205.82 ft (62.73m) msl

Time: 13:21

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 124.76 ft (38.03m) below TOC
Water elevation: 219.24 ft (66.83m) msl

Time: 13:21

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 150.93 ft (46.00m) below TOC
Water elevation: 208.17 ft (63.45m) msl

Time: 13:22

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 13:22

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 148.92 ft (45.39m) below TOC
Water elevation: 208.28 ft (63.48m) msl

Time: 13:22

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 146.72 ft (44.72m) below TOC
Water elevation: 210.88 ft (64.28m) msl

Time: 13:22

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 131.22 ft (40.00m) below TOC
Water elevation: 225.88 ft (68.85m) msl

Time: 13:24

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 155.06 ft (47.26m) below TOC
Water elevation: 210.34 ft (64.11m) msl

Time: 13:24

ESH-EMS-2000407

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.32 ft (44.90m) below TOC
Water elevation: 218.18 ft (66.50m) msl

Time: 13:24

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 138.96 ft (42.36m) below TOC
Water elevation: 226.64 ft (69.08m) msl

Time: 13:24

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 143.35 ft (43.69m) below TOC
Water elevation: 206.35 ft (62.90m) msl

Time: 13:25

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 134.53 ft (41.01m) below TOC
Water elevation: 215.77 ft (65.77m) msl

Time: 13:25

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 135.52 ft (41.31m) below TOC
Water elevation: 214.48 ft (65.37m) msl

Time: 13:25

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 141.91 ft (43.25m) below TOC
Water elevation: 204.79 ft (62.42m) msl

Time: 10:20

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 117.23 ft (35.73m) below TOC
Water elevation: 229.87 ft (70.07m) msl

Time: 10:20

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 125.44 ft (38.23m) below TOC
Water elevation: 221.46 ft (67.50m) msl

Time: 10:21

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 122.57 ft (37.36m) below TOC
Water elevation: 225.03 ft (68.59m) msl

Time: 10:21

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 135.52 ft (41.31m) below TOC
Water elevation: 213.18 ft (64.98m) msl

Time: 10:58

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 150.62 ft (45.91m) below TOC
Water elevation: 217.08 ft (66.17m) msl

Time: 14:13

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 158.98 ft (48.46m) below TOC
Water elevation: 210.22 ft (64.08m) msl

Time: 14:14

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 123.34 ft (37.59m) below TOC
Water elevation: 243.36 ft (74.18m) msl

Time: 14:14

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 141.21 ft (43.04m) below TOC
Water elevation: 227.29 ft (69.28m) msl

Time: 14:14

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 151.96 ft (46.32m) below TOC
Water elevation: 215.54 ft (65.70m) msl

Time: 14:20

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 14:21

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 136.57 ft (41.63m) below TOC
Water elevation: 222.63 ft (67.86m) msl

Time: 14:15

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 149.57 ft (45.59m) below TOC
Water elevation: 209.43 ft (63.84m) msl

Time: 14:15

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 132.27 ft (40.32m) below TOC
Water elevation: 209.63 ft (63.90m) msl

Time: 9:31

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 123.4 ft (37.61m) below TOC
Water elevation: 218.7 ft (66.66m) msl

Time: 9:32

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 86.24 ft (26.29m) below TOC
Water elevation: 214.16 ft (65.28m) msl

Time: 12:06

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 68.78 ft (20.96m) below TOC
Water elevation: 232.02 ft (70.72m) msl

Time: 12:06

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139.7 ft (42.58m) below TOC
Water elevation: 215.6 ft (65.72m) msl

Time: 16:09

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 16:09

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 136.98 ft (41.75m) below TOC
Water elevation: 217.82 ft (66.39m) msl

Time: 16:09

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 138.04 ft (42.08m) below TOC
Water elevation: 216.96 ft (66.13m) msl

Time: 16:09

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 128.63 ft (39.21m) below TOC
Water elevation: 226.17 ft (68.94m) msl

Time: 16:10

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 163.26 ft (49.76m) below TOC
Water elevation: 191.34 ft (58.32m) msl

Time: 16:10

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 15:01

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 15:00

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 15:02

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.32 ft (44.90m) below TOC
Water elevation: 232.88 ft (70.98m) msl

Time: 14:48

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 159.55 ft (48.63m) below TOC
Water elevation: 222.05 ft (67.68m) msl

Time: 14:48

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 129.72 ft (39.54m) below TOC
Water elevation: 237.18 ft (72.29m) msl

Time: 14:39

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 154.45 ft (47.08m) below TOC
Water elevation: 211.95 ft (64.60m) msl

Time: 14:39

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 133.93 ft (40.82m) below TOC
Water elevation: 227.77 ft (69.43m) msl

Time: 16:10

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 148.2 ft (45.17m) below TOC
Water elevation: 214.6 ft (65.41m) msl

Time: 16:11

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 14:55

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 155.3 ft (47.34m) below TOC
Water elevation: 221.5 ft (67.51m) msl

Time: 14:55

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 179.52 ft (54.72m) below TOC
Water elevation: 197.08 ft (60.07m) msl

Time: 14:55

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 148.2 ft (45.17m) below TOC
Water elevation: 217 ft (66.14m) msl

Time: 17:56

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 144.2 ft (43.95m) below TOC
Water elevation: 220.8 ft (67.30m) msl

Time: 18:00

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 148.16 ft (45.16m) below TOC
Water elevation: 216.84 ft (66.09m) msl

Time: 18:03

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 135.88 ft (41.42m) below TOC
Water elevation: 229.02 ft (69.81m) msl

Time: 17:59

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 156.2 ft (47.61m) below TOC
Water elevation: 208.8 ft (63.64m) msl

Time: 17:54

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 159.74 ft (48.69m) below TOC
Water elevation: 195.26 ft (59.52m) msl

Time: 16:11

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 131.9 ft (40.20m) below TOC
Water elevation: 221.1 ft (67.39m) msl

Time: 16:12

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 131.39 ft (40.05m) below TOC
Water elevation: 222.11 ft (67.70m) msl

Time: 16:12

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 127.08 ft (38.73m) below TOC
Water elevation: 227.52 ft (69.35m) msl

Time: 16:12

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 132.07 ft (40.26m) below TOC
Water elevation: 221.93 ft (67.65m) msl

Time: 16:13

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 132.07 ft (40.26m) below TOC
Water elevation: 221.93 ft (67.65m) msl

Time: 16:12

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 152.74 ft (46.56m) below TOC
Water elevation: 195.36 ft (59.55m) msl

Time: 11:39

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 134.82 ft (41.09m) below TOC
Water elevation: 213.48 ft (65.07m) msl

Time: 11:41

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 118.36 ft (36.08m) below TOC
Water elevation: 229.74 ft (70.03m) msl

Time: 11:39

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 135.21 ft (41.21m) below TOC
Water elevation: 213.39 ft (65.04m) msl

Time: 11:42

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 33.59 ft (10.24m) below TOC
Water elevation: 221.51 ft (67.52m) msl

Time: 12:14

WELL MSB 32B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 46.26 ft (14.10m) below TOC
Water elevation: 209.14 ft (63.75m) msl

Time: 12:12

WELL MSB 32C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 41.45 ft (12.63m) below TOC
Water elevation: 214.25 ft (65.30m) msl

Time: 12:13

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 40.04 ft (12.20m) below TOC
Water elevation: 215.86 ft (65.79m) msl

Time: 11:06

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 52.15 ft (15.90m) below TOC
Water elevation: 203.25 ft (61.95m) msl

Time: 11:06

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 48.95 ft (14.92m) below TOC
Water elevation: 206.05 ft (62.80m) msl

Time: 11:07

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 45.54 ft (13.88m) below TOC
Water elevation: 209.76 ft (63.94m) msl

Time: 11:07

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 62.26 ft (18.98m) below TOC
Water elevation: 193.24 ft (58.90m) msl

Time: 11:08

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 169.62 ft (51.70m) below TOC
Water elevation: 214.38 ft (65.34m) msl

Time: 15:51

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 161.2 ft (49.13m) below TOC
Water elevation: 222.8 ft (67.91m) msl

Time: 15:52

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 15:52

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 190.51 ft (58.07m) below TOC
Water elevation: 192.89 ft (58.79m) msl

Time: 15:53

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 137.03 ft (41.77m) below TOC
Water elevation: 213.87 ft (65.19m) msl

Time: 11:50

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 134.87 ft (41.11m) below TOC
Water elevation: 216.73 ft (66.06m) msl

Time: 11:51

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 11:52

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 153.01 ft (46.64m) below TOC
Water elevation: 197.29 ft (60.13m) msl

Time: 11:49

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 133.05 ft (40.55m) below TOC
Water elevation: 207.55 ft (63.26m) msl

Time: 11:27

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 128.98 ft (39.31m) below TOC
Water elevation: 211.82 ft (64.56m) msl

Time: 11:28

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 129.01 ft (39.32m) below TOC
Water elevation: 211.89 ft (64.58m) msl

Time: 11:28

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 110.41 ft (33.65m) below TOC
Water elevation: 231.19 ft (70.47m) msl

Time: 11:30

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 148.02 ft (45.12m) below TOC
Water elevation: 192.58 ft (58.70m) msl

Time: 11:27

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 167.6 ft (51.09m) below TOC
Water elevation: 215.1 ft (65.56m) msl

Time: 15:17

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 158.84 ft (48.42m) below TOC
Water elevation: 224.16 ft (68.32m) msl

Time: 15:18

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 154.91 ft (47.22m) below TOC
Water elevation: 227.79 ft (69.43m) msl

Time: 15:20

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 180.26 ft (54.94m) below TOC
Water elevation: 202.04 ft (61.58m) msl

Time: 15:16

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 146.82 ft (44.75m) below TOC
Water elevation: 212.18 ft (64.67m) msl

Time: 14:39

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:40
Depth to water: 143.22 ft (43.65m) below TOC
Water elevation: 215.58 ft (65.71m) msl

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:40
Depth to water: 163.93 ft (49.97m) below TOC
Water elevation: 195.17 ft (59.49m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:03
Depth to water: 135.07 ft (41.17m) below TOC
Water elevation: 206.53 ft (63.95m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:04
Depth to water: 132.49 ft (40.38m) below TOC
Water elevation: 209.31 ft (63.80m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:06
Depth to water: 125.76 ft (38.33m) below TOC
Water elevation: 215.74 ft (65.76m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:07
Depth to water: 113.15 ft (34.49m) below TOC
Water elevation: 228.65 ft (69.69m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:02
Depth to water: 151.38 ft (46.14m) below TOC
Water elevation: 190.42 ft (58.04m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:15
Depth to water: 120.61 ft (36.76m) below TOC
Water elevation: 200.59 ft (61.14m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:16
Depth to water: 119.52 ft (36.43m) below TOC
Water elevation: 202.18 ft (61.63m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:16
Depth to water: 118.7 ft (36.18m) below TOC
Water elevation: 203.3 ft (61.97m) msl

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:17
Depth to water: 133.33 ft (29.79m) below TOC
Water elevation: 225.15 ft (68.63m) msl

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:14
Depth to water: 133.33 ft (40.64m) below TOC
Water elevation: 187.57 ft (57.17m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:27
Depth to water: 109.21 ft (33.29m) below TOC
Water elevation: 214.59 ft (65.41m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:28
Depth to water: 109.32 ft (33.32m) below TOC
Water elevation: 214.68 ft (65.44m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:29
Depth to water: 109.46 ft (33.36m) below TOC
Water elevation: 215.14 ft (65.58m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:30
Depth to water: 83.99 ft (25.60m) below TOC
Water elevation: 241.01 ft (73.46m) msl

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:28
Depth to water: 119.58 ft (36.45m) below TOC
Water elevation: 204.12 ft (62.22m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00 Time: 12:55
Depth to water: 161.58 ft (49.25m) below TOC
Water elevation: 214.92 ft (65.51m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 154.67 ft (47.14m) below TOC
Water elevation: 221.73 ft (67.58m) msl

Time: 12:55

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 148.32 ft (45.21m) below TOC
Water elevation: 228.08 ft (69.52m) msl

Time: 12:56

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 148.32 ft (45.23m) below TOC
Water elevation: 228 ft (69.50m) msl

Time: 12:56

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: 175.18 ft (53.40m) below TOC
Water elevation: 201.42 ft (61.39m) msl

Time: 12:57

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 131.85 ft (40.19m) below TOC
Water elevation: 225.85 ft (68.84m) msl

Time: 18:12

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 131.79 ft (40.17m) below TOC
Water elevation: 226.01 ft (68.89m) msl

Time: 18:10

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 129.72 ft (39.54m) below TOC
Water elevation: 228.28 ft (69.58m) msl

Time: 18:09

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Depth to water: 157.77 ft (48.09m) below TOC
Water elevation: 199.73 ft (60.88m) msl

Time: 18:14

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 162.77 ft (49.61m) below TOC
Water elevation: 214.13 ft (65.27m) msl

Time: 15:00

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 168.91 ft (51.48m) below TOC
Water elevation: 211.89 ft (64.58m) msl

Time: 15:29

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 159.71 ft (48.68m) below TOC
Water elevation: 221.19 ft (67.42m) msl

Time: 15:31

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 15:30

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 160.69 ft (48.98m) below TOC
Water elevation: 211.91 ft (64.59m) msl

Time: 14:51

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.75 ft (45.03m) below TOC
Water elevation: 225.85 ft (68.84m) msl

Time: 14:52

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 14:52

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 147.46 ft (44.95m) below TOC
Water elevation: 221.24 ft (67.43m) msl

Time: 11:04

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 139.91 ft (42.65m) below TOC
Water elevation: 229.09 ft (69.83m) msl

Time: 11:05

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 138.75 ft (42.29m) below TOC
Water elevation: 230.05 ft (70.12m) msl

Time: 11:07

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 155.9 ft (47.52m) below TOC
Water elevation: 212.8 ft (64.86m) msl

Time: 11:04

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 155.9 ft (47.52m) below TOC
Water elevation: 212.8 ft (64.86m) msl

Time: 11:02

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 142.35 ft (43.39m) below TOC
Water elevation: 219.25 ft (66.83m) msl

Time: 10:51

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 140.71 ft (42.89m) below TOC
Water elevation: 220.69 ft (67.27m) msl

Time: 10:52

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 141.1 ft (43.01m) below TOC
Water elevation: 221.2 ft (67.42m) msl

Time: 10:53

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 133.04 ft (40.55m) below TOC
Water elevation: 229.56 ft (69.97m) msl

Time: 10:54

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 142.78 ft (43.52m) below TOC
Water elevation: 219.12 ft (66.79m) msl

Time: 10:54

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 142.78 ft (43.52m) below TOC
Water elevation: 219.12 ft (66.79m) msl

Time: 11:04

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 140.01 ft (42.68m) below TOC
Water elevation: 194.69 ft (59.34m) msl

Time: 9:22

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 140.01 ft (42.68m) below TOC
Water elevation: 194.69 ft (59.34m) msl

Time: 9:23

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 133.98 ft (40.84m) below TOC
Water elevation: 200.12 ft (61.00m) msl

Time: 9:23

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 108.67 ft (33.12m) below TOC
Water elevation: 225.63 ft (68.77m) msl

Time: 9:24

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 22.36 ft (6.82m) below TOC
Water elevation: 201.34 ft (61.37m) msl

Time: 10:33

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 59.66 ft (18.18m) below TOC
Water elevation: 203.54 ft (62.04m) msl

Time: 12:26

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 53.81 ft (16.40m) below TOC
Water elevation: 208.39 ft (63.52m) msl

Time: 12:27

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 105.47 ft (32.15m) below TOC
Water elevation: 216.23 ft (65.91m) msl

Time: 14:43

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 87.46 ft (26.66m) below TOC
Water elevation: 234.14 ft (71.37m) msl

Time: 14:43

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 125.56 ft (38.27m) below TOC
Water elevation: 218.74 ft (66.67m) msl

Time: 14:06

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 125.62 ft (38.29m) below TOC
Water elevation: 219.58 ft (66.93m) msl

Time: 14:07

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 114.64 ft (34.94m) below TOC
Water elevation: 230.16 ft (70.15m) msl

Time: 14:07

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 154.4 ft (47.06m) below TOC
Water elevation: 219 ft (66.75m) msl

Time: 10:03

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 149.99 ft (45.72m) below TOC
Water elevation: 223.41 ft (68.10m) msl

Time: 10:04

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 143.6 ft (43.77m) below TOC
Water elevation: 230 ft (70.10m) msl

Time: 10:05

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 157 ft (47.85m) below TOC
Water elevation: 216.5 ft (65.99m) msl

Time: 10:05

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 150.13 ft (45.76m) below TOC
Water elevation: 218.57 ft (66.62m) msl

Time: 10:06

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 143.35 ft (43.69m) below TOC
Water elevation: 226.05 ft (68.90m) msl

Time: 9:52

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 134.95 ft (41.13m) below TOC
Water elevation: 232.75 ft (70.94m) msl

Time: 10:13

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 139.02 ft (42.37m) below TOC
Water elevation: 229.68 ft (70.01m) msl

Time: 10:14

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 157.62 ft (48.04m) below TOC
Water elevation: 211.08 ft (64.34m) msl

Time: 10:15

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 61.47 ft (18.74m) below TOC
Water elevation: 218.03 ft (66.46m) msl

Time: 8:55

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 128.56 ft (39.19m) below TOC
Water elevation: 227.64 ft (69.39m) msl

Time: 10:59

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 130.64 ft (39.82m) below TOC
Water elevation: 227.26 ft (69.27m) msl

Time: 11:09

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 132.83 ft (40.49m) below TOC
Water elevation: 226.47 ft (69.03m) msl

Time: 11:19

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 127.73 ft (38.93m) below TOC
Water elevation: 226.77 ft (69.12m) msl

Time: 10:40

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 142.23 ft (43.35m) below TOC
Water elevation: 206.87 ft (63.05m) msl

Time: 10:28

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 128.85 ft (39.27m) below TOC
Water elevation: 220.25 ft (67.13m) msl

Time: 10:28

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 10:28
 Depth to water: 123.68 ft (37.70m) below TOC
 Water elevation: 225.82 ft (68.83m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 13:30
 Depth to water: 140.52 ft (42.83m) below TOC
 Water elevation: 206.38 ft (62.91m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 13:31
 Depth to water: 129.5 ft (39.47m) below TOC
 Water elevation: 217.5 ft (66.29m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 13:31
 Depth to water: 120.51 ft (36.73m) below TOC
 Water elevation: 226.29 ft (68.97m) msl

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 9:56
 Depth to water: 143.31 ft (43.68m) below TOC
 Water elevation: 204.99 ft (62.48m) msl

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 9:56
 Depth to water: 128.76 ft (39.25m) below TOC
 Water elevation: 219.64 ft (66.95m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 9:56
 Depth to water: 124.62 ft (37.98m) below TOC
 Water elevation: 223.98 ft (68.27m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00 Time: 14:47
 Depth to water: 120.36 ft (36.69m) below TOC
 Water elevation: 228.84 ft (69.75m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 11:17
 Depth to water: 168.32 ft (51.30m) below TOC
 Water elevation: 215.08 ft (65.56m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 11:17
 Depth to water: 158.61 ft (48.34m) below TOC
 Water elevation: 224.79 ft (68.52m) msl

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 11:15
 Depth to water: 155.71 ft (47.46m) below TOC
 Water elevation: 227.49 ft (69.34m) msl

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 11:20
 Depth to water: 180.65 ft (55.06m) below TOC
 Water elevation: 202.05 ft (61.59m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00 Time: 12:57
 Depth to water: Not available
 Water elevation: Not available

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 10:22
 Depth to water: 164.33 ft (50.09m) below TOC
 Water elevation: 192.57 ft (58.70m) msl

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00 Time: 12:58
 Depth to water: 141.68 ft (43.18m) below TOC
 Water elevation: 215.22 ft (65.60m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00 Time: 12:58
 Depth to water: 145.66 ft (44.40m) below TOC
 Water elevation: 211.04 ft (64.33m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 10:24
 Depth to water: 157.7 ft (48.07m) below TOC
 Water elevation: 223.9 ft (68.25m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00 Time: 10:25
 Depth to water: 151.98 ft (46.32m) below TOC
 Water elevation: 230.02 ft (70.11m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 169.55 ft (51.68m) below TOC
Water elevation: 211.85 ft (64.57m) msl

Time: 10:25

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.29 ft (44.89m) below TOC
Water elevation: 214.51 ft (65.38m) msl

Time: 14:15

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 143.95 ft (43.88m) below TOC
Water elevation: 218.25 ft (66.52m) msl

Time: 14:15

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 130.85 ft (39.88m) below TOC
Water elevation: 213.85 ft (65.18m) msl

Time: 11:53

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 130.61 ft (39.81m) below TOC
Water elevation: 197.59 ft (60.23m) msl

Time: 10:22

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 140.85 ft (42.93m) below TOC
Water elevation: 198.75 ft (60.58m) msl

Time: 9:13

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 105.97 ft (32.30m) below TOC
Water elevation: 208.53 ft (63.56m) msl

Time: 10:54

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 106 ft (32.31m) below TOC
Water elevation: 209 ft (63.70m) msl

Time: 10:54

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 86.33 ft (26.31m) below TOC
Water elevation: 228.77 ft (69.73m) msl

Time: 10:55

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 119.19 ft (36.33m) below TOC
Water elevation: 207.51 ft (63.25m) msl

Time: 11:15

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 120.07 ft (36.60m) below TOC
Water elevation: 207.43 ft (63.23m) msl

Time: 11:17

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 134.62 ft (41.03m) below TOC
Water elevation: 217.78 ft (66.38m) msl

Time: 16:14

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139.08 ft (42.39m) below TOC
Water elevation: 218.12 ft (66.48m) msl

Time: 13:59

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 136.73 ft (41.68m) below TOC
Water elevation: 220.47 ft (67.20m) msl

Time: 14:00

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 126.93 ft (38.69m) below TOC
Water elevation: 230.47 ft (70.25m) msl

Time: 14:00

WELL MSB 78DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 143.06 ft (43.61m) below TOC
Water elevation: 220.64 ft (67.25m) msl

Time: 16:14

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 143.16 ft (43.64m) below TOC
Water elevation: 204.74 ft (62.41m) msl

Time: 9:42

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 140.68 ft (42.88m) below TOC
Water elevation: 207.12 ft (63.13m) msl

Time: 9:41

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 49.53 ft (15.10m) below TOC
Water elevation: 217.47 ft (66.29m) msl

Time: 14:14

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: Not available
Water elevation: Not available

Time: 9:19

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 157.86 ft (48.12m) below TOC
Water elevation: 216.34 ft (65.94m) msl

Time: 10:26

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 149.42 ft (45.54m) below TOC
Water elevation: 224.48 ft (68.42m) msl

Time: 10:26

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 143.78 ft (43.82m) below TOC
Water elevation: 229.82 ft (70.05m) msl

Time: 10:27

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 162.78 ft (49.62m) below TOC
Water elevation: 210.92 ft (64.29m) msl

Time: 10:28

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 153.11 ft (46.67m) below TOC
Water elevation: 218.69 ft (66.66m) msl

Time: 10:29

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 153.11 ft (46.67m) below TOC
Water elevation: 218.69 ft (66.66m) msl

Time: 10:32

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 141.41 ft (43.10m) below TOC
Water elevation: 230.19 ft (70.16m) msl

Time: 10:31

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 159.05 ft (48.48m) below TOC
Water elevation: 212.65 ft (64.82m) msl

Time: 10:31

WELL MSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: Not available
Water elevation: Not available

Time: 9:33

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 135.3 ft (41.24m) below TOC
Water elevation: 226.6 ft (69.07m) msl

Time: 9:33

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 162.33 ft (49.48m) below TOC
Water elevation: 217.97 ft (66.44m) msl

Time: 10:43

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 152.74 ft (46.56m) below TOC
Water elevation: 228.16 ft (69.54m) msl

Time: 10:44

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 151.11 ft (46.06m) below TOC
Water elevation: 229.69 ft (70.01m) msl

Time: 10:45

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 162.93 ft (49.66m) below TOC
Water elevation: 217.47 ft (66.29m) msl

Time: 10:46

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 134.87 ft (41.11m) below TOC
Water elevation: 222.13 ft (67.71m) msl

Time: 15:52

WELL MSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 120.59 ft (36.76m) below TOC
Water elevation: 215.41 ft (65.66m) msl

Time: 12:01

WELL MSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 12:01

WELL MSB 88B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 38.64 ft (11.78m) below TOC
Water elevation: 199.46 ft (60.80m) msl

Time: 10:46

WELL MSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 35.17 ft (10.72m) below TOC
Water elevation: 202.03 ft (61.58m) msl

Time: 10:46

WELL MSB 89B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 135.28 ft (41.23m) below TOC
Water elevation: 204.12 ft (62.22m) msl

Time: 9:50

WELL MSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 113.27 ft (34.53m) below TOC
Water elevation: 226.53 ft (69.05m) msl

Time: 9:54

WELL MSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 117.06 ft (35.68m) below TOC
Water elevation: Not available

Time: 9:27

WELL MSB 90TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 140.92 ft (42.95m) below TOC
Water elevation: Not available

Time: 9:29

WELL MSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Depth to water: 107.37 ft (32.73m) below TOC
Water elevation: Not available

Time: 16:04

WELL MSB 91TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Depth to water: Not available
Water elevation: Not available

Time: 12:59

WELL MSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 113.08 ft (34.47m) below TOC
Water elevation: Not available

Time: 9:04

WELL RGW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 98.7 ft (30.08m) below TOC
Water elevation: 187 ft (57.00m) msl

Time: 15:04

WELL RGW 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 89.65 ft (27.33m) below TOC
Water elevation: 195.65 ft (59.63m) msl

Time: 15:05

WELL RGW 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 71.48 ft (21.79m) below TOC
Water elevation: 221.52 ft (67.52m) msl

Time: 14:49

WELL RGW 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
Depth to water: 71.7 ft (21.85m) below TOC
Water elevation: 221.6 ft (67.54m) msl

Time: 14:50

WELL SRW 1BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 112.65 ft (34.34m) below TOC
Water elevation: 203.65 ft (62.07m) msl

Time: 9:12

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 117.7 ft (35.88m) below TOC
Water elevation: 202.9 ft (61.84m) msl

Time: 9:09

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 116.6 ft (35.54m) below TOC
Water elevation: 204 ft (62.18m) msl

Time: 9:07

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 80 ft (24.38m) below TOC
Water elevation: 252.1 ft (76.84m) msl

Time: 8:59

WELL SRW 3BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 127.5 ft (38.86m) below TOC
Water elevation: 204.8 ft (62.42m) msl

Time: 9:02

WELL SRW 4BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 196 ft (59.74m) below TOC
Water elevation: 124.6 ft (37.98m) msl

Time: 9:16

WELL SRW 8BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 89.2 ft (27.19m) below TOC
Water elevation: 200.3 ft (61.05m) msl

Time: 8:45

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 87 ft (26.52m) below TOC
Water elevation: 166.4 ft (50.72m) msl

Time: 10:08

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 139 ft (42.37m) below TOC
Water elevation: 114.3 ft (34.84m) msl

Time: 10:08

WELL SRW 10BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: Not available
Water elevation: Not available

Time: 10:19

WELL SRW 10BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 101.3 ft (30.88m) below TOC
Water elevation: 201.5 ft (61.42m) msl

Time: 14:22

WELL SRW 11BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 94.68 ft (28.86m) below TOC
Water elevation: 201.82 ft (61.52m) msl

Time: 14:26

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 114 ft (34.75m) below TOC
Water elevation: 122.3 ft (37.28m) msl

Time: 10:18

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 197 ft (60.05m) below TOC
Water elevation: 39.3 ft (11.98m) msl

Time: 10:19

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 203.9 ft (62.15m) below TOC
Water elevation: 93.8 ft (28.59m) msl

Time: 10:01

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 144.4 ft (44.01m) below TOC
Water elevation: 153.3 ft (46.73m) msl

Time: 10:02

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 101 ft (30.79m) below TOC
Water elevation: 196.7 ft (59.95m) msl

Time: 10:03

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 147.2 ft (44.87m) below TOC
Water elevation: 179.8 ft (54.80m) msl

Time: 8:39

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 125.2 ft (38.16m) below TOC
Water elevation: 201.7 ft (61.48m) msl

Time: 8:40

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 113.55 ft (34.61m) below TOC
Water elevation: 205.55 ft (62.65m) msl

Time: 9:24

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 113.55 ft (34.61m) below TOC
Water elevation: 205.55 ft (62.65m) msl

Time: 14:06

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 161 ft (49.07m) below TOC
Water elevation: 158.1 ft (48.19m) msl

Time: 9:25

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 113.38 ft (34.56m) below TOC
Water elevation: 205.72 ft (62.70m) msl

Time: 14:07

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/00
Depth to water: 186 ft (56.69m) below TOC
Water elevation: 133.1 ft (40.57m) msl

Time: 9:26

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: 110.01 ft (33.53m) below TOC
Water elevation: 209.09 ft (63.73m) msl

Time: 14:10

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: Not available
Water elevation: Not available

Time: 14:29

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: Not available
Water elevation: Not available

Time: 14:29

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/00
Depth to water: Not available
Water elevation: Not available

Time: 14:30

Appendix B. Analytical Results

This section presents the field and analytical results for all samples that were collected and underwent verification and validation during third quarter 2000. The results tables are presented in alphabetical order by well series and in numerical order within each series. The **Site Index** section of this report contains the area name(s) for each series.

The tabular data contain all field and analytical results for well samples collected during this quarter. Results of laboratory analyses on sampling blanks are in **Appendix C** of this report.

Due to space limitations, the following abbreviations are used in the analytical and sampling blanks results tables.

<i>Method or Analyte</i>	<i>Abbreviation</i>
EICHROMTC1M	EICHROM
MMES16009MOD	MMES16009
ASTMD888-92B	ASTMD888
EICHROMSRW01M	EICHROMS
5-day biochemical oxygen demand	5-day biochem oxygen demand
ESESOPM008	ESOPM008
ESESOPM017	ESOPM017
ESESOPM020	ESOPM020
ESESOPM022	ESOPM022
ESESOPM029	ESOPM029
ESESOPM030	ESOPM030
ESESOPM031	ESOPM031
ESESOPM032	ESOPM032

The **Field Notes** section of this report contains information about the inability to collect samples, unusual conditions during sample collection, and samplers' observations.

Properly defined and used modifiers or qualifiers can be a key component in assessing data usability. Modifiers designated by EPD/EMS and provided to the primary laboratories are defined below.

<i>Key to the Tables</i>	
E	exponential notation (e.g., $1.1\text{E}-09 = 1.1 \times 10^{-9} = 0.0000000011$)
EMS	EMS codes
F	Flag

Appendix B. Analytical Results

Appendix C. Sampling Blanks Results

This section presents the analytical results for sampling blanks analyzed during third quarter 2000.

NOTES

WELL EPT100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
 Depth to water: Not available
 Water elevation: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: Not available
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	7.41	J	I		10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL EPT101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/00
 Depth to water: Not available
 Water elevation: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: Not available
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	9.92	J	IL	O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000407

Well EPT101C collected on 09/18/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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 EPT200B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/00
 Depth to water: Not available
 Water elevation: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: Not available
 Water temperature: Not available
 Air temperature: Not available
 Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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	1,2-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	1.18	J	L	O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

C-3

Third Quarter 2000

WELL QA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/00
 Water temperature: 21.2°C
 Air temperature: 41.1°C
 pH: 4.8
 Sp. conductance: 1 µS/cm
 Turbidity: 0 NTU

Time: 15:11

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.129	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.34	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<0.279	U	V		2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.14	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	U			25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<0.168	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.97	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.272	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	1.92			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.63			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<5.90	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<2.88	JU	LV	I	10.0	µg/L	GE	EPA6020
0	Gross alpha	3.41E-10±3.74E-10	U			7.14E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	6.41E-10±6.68E-10	U			1.42E-09	µCi/mL	GP	EPIA-001
0	Tritium	-9.55E-08±3.29E-07	U			5.83E-07	µCi/mL	GP	EPIA-002

WELL QA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available

Time: 13:44

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	9.32	J		CI6	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.407	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<5.69	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	JU	L	I	2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U		6	0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.80	U	V		3.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<4.19	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	JU	L	I	1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<28.2	U	V	6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<0.168	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<20.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	6.08	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<3.00	JU	L	I	3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.37			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.0550	JU		46	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	5.32	J	IL	I6	10.0	µg/L	GE	EPA6020
0	Gross alpha	-1.59E-10±1.68E-10	U			6.62E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.70E-11±5.13E-10	U			1.20E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.31E-07±3.81E-07	U			6.79E-07	µCi/mL	GP	EPIA-002

WELL QA 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available

Time: 13:17

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<7.35	JU	LV	I	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.83	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0450	J	I	6	0.200	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	10.8			6	0.971	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.84	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	10.1	J	IK	CI6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.71	J	Q		0.100	pH	GE	EPA9040B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.245	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	1.63			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<0.208	U	V		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	2.24	J	I	6	10.0	µg/L	GE	EPA6020
0	Actinium-228	2.96E-09±7.48E-09	U			1.20E-08	µCi/mL	GP	EPIA-013
0	Americium-241	-2.92E-10±8.79E-10	U			2.05E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-3.06E-09±4.34E-09	U			7.16E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	4.92E-10±1.39E-08	U			2.37E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	6.85E-09±8.04E-09	U			5.36E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	5.31E-10±1.24E-08	U			2.15E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	9.80E-10±1.67E-09	U			2.63E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.30E-10±1.89E-09	U			3.15E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.21E-09±1.90E-09	U			3.57E-09	µCi/mL	GP	EPIA-013
0	Curium-242	9.60E-11±6.48E-10	U			1.48E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.94E-11±1.04E-09	U			2.26E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	-1.10E-10±4.03E-10	U			1.19E-09	µCi/mL	GP	EPIA-011
0	Europium-152	3.26E-09±4.36E-09	U			7.80E-09	µCi/mL	GP	EPIA-013
0	Europium-154	3.50E-09±4.95E-09	U			9.39E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.75E-09±4.85E-09	U			8.20E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	8.97E-11±3.98E-10	U			1.01E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	-2.44E-10±3.01E-10	U			4.91E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.51E-09±3.10E-09	R		46	5.11E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.33E-10±8.13E-10	U			1.91E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-1.52E-10±1.77E-10	U			1.46E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.01E-10±1.44E-10	U			1.31E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	8.60E-09±3.23E-08	U			2.48E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.34E-09±2.00E-09	U			3.30E-09	µCi/mL	GP	EPIA-013
0	Radium-226	5.93E-10±5.00E-10	U			7.10E-10	µCi/mL	GP	EPIA-008
0	Radium-228	5.00E-10±4.50E-10	U			9.23E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	4.58E-10±9.27E-10	JU	L	I	2.10E-09	µCi/mL	GP	EPIA-004
0	Techneium-99	-2.04E-10±8.34E-09	U			2.05E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	3.49E-09±1.90E-09	U			3.52E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	3.62E-10±4.15E-10	U			7.17E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	9.59E-11±1.69E-10	U			3.22E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	3.75E-11±7.51E-11	U			1.12E-10	µCi/mL	GP	EPIA-012
0	Tritium	2.44E-08±3.20E-07	U			5.58E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.22E-10±2.78E-10	U			4.71E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	0.00E+00±2.00E-09	U			2.04E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.15E-11±1.40E-10	U			3.58E-10	µCi/mL	GP	EPIA-011

WELL QA 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: 10:27

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<22.3	JU	LV	I	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.91	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.774	J	I	6	2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	10.1			6	0.971	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<1.89	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	24.6	J	IK	Cl6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<0.177	JU		46	2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.72	J	Q		0.100	pH	GE	EPA9040B
0	Phenols	<5.00	U			5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.245	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	1.49			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	2.21	J	I	6	10.0	µg/L	GE	EPA6020
0	Actinium-228	1.14E-09±4.80E-09	U			8.64E-09	µCi/mL	GP	EPIA-013
0	Americium-241	-7.05E-10±1.06E-09	U			3.41E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	-3.42E-09±3.20E-09	U			4.93E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	-3.35E-09±8.68E-09	U			1.51E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	4.22E-09±4.69E-09	U			5.25E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	2.84E-09±1.26E-08	U			2.17E-08	µCi/mL	GP	EPIA-003
0	Carbon-14	5.36E-10±1.25E-08	U			2.17E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-5.72E-10±1.11E-09	U			1.91E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	6.98E-09±1.89E-09	R		46	3.67E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	5.07E-10±1.23E-09	U			2.31E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-1.07E-10±5.67E-10	U			2.10E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-1.15E-09±1.48E-09	U			4.39E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.76E-10±9.52E-10	U			2.41E-09	µCi/mL	GP	EPIA-011
0	Europium-152	3.38E-09±3.29E-09	U			5.92E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-7.61E-10±3.50E-09	U			6.05E-09	µCi/mL	GP	EPIA-013
0	Europium-155	1.64E-09±3.58E-09	U			6.34E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	7.75E-11±2.73E-10	U			7.11E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	4.95E-10±3.33E-10	U			6.24E-10	µCi/mL	GP	EPIA-006
0	Lead-212	2.71E-09±2.07E-09	U			3.72E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	2.09E-10±6.79E-10	U			1.59E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-2.07E-10±1.05E-09	U			2.98E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-9.12E-11±4.81E-10	U			1.78E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	5.93E-09±2.22E-08	U			1.93E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	8.83E-11±1.59E-09	U			2.69E-09	µCi/mL	GP	EPIA-013
0	Radium-226	9.88E-10±5.63E-10	J	I	6	6.12E-10	µCi/mL	GP	EPIA-008
0	Radium-226	1.15E-09±6.32E-10	J	I	6	6.70E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-1.04E-10±3.14E-10	U			6.85E-10	µCi/mL	GP	EPIA-009
0	Radium-228	1.37E-10±4.04E-10	U			8.43E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	2.25E-10±1.20E-09	JU	L	I	2.80E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	0.00E+00±8.51E-09	U			2.09E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	4.13E-10±2.08E-09	U			2.51E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-1.16E-10±4.64E-10	U			9.87E-10	µCi/mL	GP	EPIA-012
0	Thorium-228	3.89E-11±3.61E-10	U			7.39E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.47E-10±2.62E-10	R		46	2.91E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	4.70E-11±1.17E-10	U		6	2.55E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	2.35E-11±1.46E-10	U			3.60E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	7.35E-11±1.04E-10	U			1.10E-10	µCi/mL	GP	EPIA-012
0	Tritium	-6.56E-08±3.15E-07	U			5.57E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	1.52E-10±2.16E-10	U			2.28E-10	µCi/mL	GP	EPIA-011
0	Uranium-233/234	1.31E-10±1.86E-10	U			1.96E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	0.00E+00±2.00E-09	U			2.29E-10	µCi/mL	GP	EPIA-011

ESH-EMS-2000407

Well QA 8C collected on 07/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-235	-1.58E-11±3.16E-11	U			3.47E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.83E-11±3.66E-11	U			4.02E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	6.55E-11±1.31E-10	U			1.96E-10	µCi/mL	GP	EPIA-011

WELL QA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available

Time: 13:13

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<0.126	U	V		2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.23	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.277	J	I	6	2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.72	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Iron, total recoverable	<25.0	JU	L	I	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nickel, total recoverable	<0.184	U	V		2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.78	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.210	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	2.53			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	U			0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Gross alpha	3.22E-10±3.68E-10	U			6.44E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	9.37E-10±7.68E-10	R	K	16	1.59E-09	µCi/mL	GP	EPIA-001
0	Tritium	-2.57E-07±3.49E-07	U			6.33E-07	µCi/mL	GP	EPIA-002

WELL QA 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available

Time: 10:58

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.74	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.40			6	1.00	µS/cm	GE	EPA9050A
0	Specific conductance	1.32			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	3.14E-11±2.40E-10	U			7.14E-10	µCi/mL	GP	EPIA-001
0	Gross alpha	1.51E-11±3.51E-10	U			9.78E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.02E-10±6.90E-10	U			1.47E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.82E-11±6.00E-10	U			1.43E-09	µCi/mL	GP	EPIA-001
0	Tritium	-7.28E-08±3.57E-07	U			6.30E-07	µCi/mL	GP	EPIA-002

C-5

Third Quarter 2000

WELL QA 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	30.0	J	I	6	50.0	µg/L	GE	EPA353.1
0	pH	5.68	J	Q		0.100	pH	GE	EPA9040B
0	pH	5.72	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.59			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.25E-10±2.76E-10	U			6.18E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.44E-10±4.87E-10	U			1.05E-09	µCi/mL	GP	EPIA-001
0	Tritium	-7.29E-09±3.13E-07	U			5.49E-07	µCi/mL	GP	EPIA-002
0	Tritium	-1.69E-08±3.11E-07	U			5.47E-07	µCi/mL	GP	EPIA-002

WELL QA 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<40.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.92	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.39			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	4.13E-10±3.38E-10	U			5.39E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.99E-10±5.79E-10	U			1.28E-09	µCi/mL	GP	EPIA-001
0	Tritium	-4.92E-07±3.51E-07	U			6.54E-07	µCi/mL	GP	EPIA-002

WELL QA 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/00
 Water temperature: 26.2°C
 Air temperature: 32.7°C
 pH: 4.6
 Sp. conductance: 2 µS/cm
 Turbidity: 0 NTU

Time: 9:40

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	2.47	J	I	6	3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.410	J	I	6	2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	0.0380	J	I	6	0.200	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	103			6	1.94	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	5.33			6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	24.5	J	IK	Cl6	25.0	µg/L	GE	EPA6020

Well QA 18C collected on 07/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<0.138	JU		46	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.78	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.242	U	V		1.00	µg/L	GE	EPA6020
0	Specific conductance	1.54	J	Q	6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.130	JU		46	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	2.20	J	I	6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	8.80E-09±5.06E-09	U			9.86E-09	µCi/mL	GP	EPIA-013
0	Americium-241	0.00E+00±2.00E-09	U			6.70E-10	µCi/mL	GP	EPIA-011
0	Americium-241	-2.38E-10±5.88E-10	U			2.02E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	1.68E-09±3.21E-09	U			5.87E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	5.37E-09±1.84E-08	U			1.43E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.08E-09±4.82E-09	U			5.27E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	-9.24E-09±1.16E-08	U			2.07E-08	µCi/mL	GP	EPIA-003
0	Cesium-134	-4.40E-10±1.26E-09	U			2.13E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-5.34E-10±1.32E-09	U			2.22E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	6.31E-11±1.41E-09	U			2.51E-09	µCi/mL	GP	EPIA-013
0	Curium-242	0.00E+00±2.00E-09	U			7.44E-10	µCi/mL	GP	EPIA-011
0	Curium-242	-1.40E-10±1.63E-10	U			1.35E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-5.37E-11±1.08E-10	U			1.18E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	-2.95E-10±2.26E-10	U			1.59E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.97E-10±5.34E-10	U			1.37E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	2.64E-09±1.50E-09	J	I	6	6.10E-10	µCi/mL	GP	EPIA-011
0	Europium-152	2.81E-09±3.88E-09	U			6.70E-09	µCi/mL	GP	EPIA-013
0	Europium-154	7.91E-10±3.69E-09	U			6.74E-09	µCi/mL	GP	EPIA-013
0	Europium-155	2.60E-09±4.75E-09	U			8.50E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	1.50E-10±3.08E-10	R	L	16	6.71E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	1.42E-10±4.60E-10	U			1.07E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	-5.13E-10±6.47E-10	U			7.34E-10	µCi/mL	GP	EPIA-006
0	Lead-212	9.14E-10±5.06E-09	U			3.97E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	7.42E-09±8.43E-09	JU	L	C	2.07E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	4.42E-10±6.98E-10	JU	L	I	1.56E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.93E-09±1.35E-09	J	I	6	1.16E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	1.64E-09±1.40E-09	U			2.03E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	5.02E-10±7.88E-10	U			1.53E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	2.87E-10±6.63E-10	U			1.56E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.11E-08±2.58E-08	U			2.52E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	1.18E-09±1.60E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Radium-226	6.90E-10±6.33E-10	U			9.30E-10	µCi/mL	GP	EPIA-008
0	Radium-228	-2.00E-10±3.93E-10	U			9.29E-10	µCi/mL	GP	EPIA-009
0	Radium-228	2.60E-10±3.54E-10	U			7.49E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-1.35E-10±1.04E-09	U			2.52E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-1.33E-08±7.51E-09	U			2.18E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	3.70E-09±1.56E-09	J	I	6	2.98E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-3.11E-10±7.39E-10	U			1.73E-09	µCi/mL	GP	EPIA-012
0	Thorium-228	-3.93E-10±7.63E-10	U			1.85E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.23E-09±6.67E-10	R		46	6.96E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	3.57E-09±1.19E-09	R		46	5.18E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.45E-12±2.52E-10	U			6.96E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	4.07E-11±1.84E-10	U			5.18E-10	µCi/mL	GP	EPIA-012
0	Tritium	-7.93E-08±3.06E-07	U			5.43E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	3.33E-10±6.73E-10	U			1.50E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	3.58E-10±6.33E-10	U			1.33E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	5.20E-11±4.02E-10	U			1.29E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	-4.23E-11±8.47E-11	U			9.29E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.70E-11±4.20E-10	U			1.50E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	4.42E-10±6.22E-10	U			1.09E-09	µCi/mL	GP	EPIA-011

WELL QA 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

Well QA 20C collected on 08/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	5.94	J	I	6	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.70	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<0.247	U	V		2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	2.73			6	0.971	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	9.60			6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00				5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	20.4	J	IK	CI6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.90	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.33			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	JU	L	CI	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<0.181	U	V		2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	1.12	J	I	6	10.0	µg/L	GE	EPA6020
0	Actinium-228	3.95E-09±7.82E-09	U			1.00E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.03E-10±5.85E-10	U			1.48E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	7.32E-10±3.85E-09	U			6.56E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.06E-08±1.17E-08	U			2.18E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	4.44E-10±7.25E-09	U			5.78E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	-9.31E-10±4.91E-09	U			8.60E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	5.48E-10±1.60E-09	U			2.19E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	-4.15E-10±1.41E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	8.81E-10±1.29E-09	U			2.57E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-2.13E-10±2.14E-10	U			1.67E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.98E-10±5.71E-10	U			1.22E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	4.54E-10±6.44E-10	U			6.81E-10	µCi/mL	GP	EPIA-011
0	Europium-152	1.84E-09±3.78E-09	U			6.59E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.78E-09±3.82E-09	U			6.98E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-1.47E-09±4.98E-09	U			8.65E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	-6.04E-11±1.62E-10	U			6.61E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	9.28E-10±3.30E-09	U			2.21E-09	µCi/mL	GP	EPIA-006
0	Iodine-129	1.52E-09±1.18E-09	U			2.34E-09	µCi/mL	GP	EPIA-006
0	Lead-212	2.09E-09±4.67E-09	U			4.65E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	-3.07E-09±1.04E-08	U			2.55E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	-1.96E-10±6.57E-10	U			1.66E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	-4.76E-10±7.68E-10	U			2.45E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-2.25E-10±4.04E-10	U			1.64E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	3.27E-08±1.65E-08	U			3.43E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-3.37E-10±1.78E-09	U			2.94E-09	µCi/mL	GP	EPIA-013
0	Radium-226	7.87E-10±6.64E-10	U			9.43E-10	µCi/mL	GP	EPIA-008
0	Radium-226	6.77E-10±6.83E-10	U			1.04E-09	µCi/mL	GP	EPIA-008
0	Radium-228	6.47E-10±5.10E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Radium-228	6.47E-10±5.10E-10	U			1.02E-09	µCi/mL	GP	EPIA-009
0	Radium-228	6.85E-10±4.94E-10	U			9.88E-10	µCi/mL	GP	EPIA-009
0	Strontium-90	-2.83E-11±1.92E-10	U			3.92E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	7.57E-09±9.16E-09	U			2.06E-08	µCi/mL	GP	EPIA-005
0	Technetium-99	-8.74E-09±8.22E-09	U			2.25E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	1.68E-09±1.51E-09	U			2.85E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	5.10E-10±7.70E-10	U			1.47E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.48E-09±6.91E-10	J	I	6	4.54E-10	µCi/mL	GP	EPIA-012
0	Thorium-232	-3.64E-11±7.29E-11	U			4.54E-10	µCi/mL	GP	EPIA-012
0	Tritium	-6.85E-07±4.34E-07	U			8.03E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.76E-10±6.33E-10	U			1.44E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	-7.54E-11±1.07E-10	U			1.66E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.13E-10±1.31E-10	U			1.81E-09	µCi/mL	GP	EPIA-011

WELL QA 22C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	3.18	J	I	6	15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<2.31	U	V		3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	0.911	J	I	6	2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Bis(2-ethylhexyl) phthalate	<6.96	U	V		0.971	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<2.00	U	V		3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	<25.0	JU	L	I	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	<0.0810	JU		46	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<10.0	U	V		50.0	µg/L	GE	EPA353.1
0	pH	5.78	J	Q		0.100	pH	GE	EPA9040B
0	Selenium, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Specific conductance	1.65			6	1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	JU	L	Cl	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<2.29	U	V		10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	1.07	J	I	6	10.0	µg/L	GE	EPA6020
0	Actinium-228	5.78E-09±5.12E-09	U			9.66E-09	µCi/mL	GP	EPIA-013
0	Americium-241	9.21E-10±8.79E-10	U			1.02E-09	µCi/mL	GP	EPIA-011
0	Americium-241	9.80E-10±1.05E-09	U			1.87E-09	µCi/mL	GP	EPIA-011
0	Antimony-125	1.23E-09±3.65E-09	U			6.26E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	1.19E-08±1.94E-08	U			1.63E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.78E-09±4.28E-09	U			5.25E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	6.18E-10±4.79E-09	U			8.29E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	7.93E-10±1.25E-09	U			2.31E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	8.41E-10±1.42E-09	U			2.61E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	7.40E-10±1.33E-09	U			2.59E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-5.26E-11±1.06E-10	U			1.16E-09	µCi/mL	GP	EPIA-011
0	Curium-242	-1.28E-10±4.46E-10	U			1.70E-09	µCi/mL	GP	EPIA-011
0	Curium-243/244	1.94E-09±1.25E-09	J	I	6	5.82E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	3.94E-10±1.21E-09	U			2.78E-09	µCi/mL	GP	EPIA-011
0	Curium-245/246	6.74E-10±7.83E-10	U			6.74E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	1.08E-10±5.93E-10	U			1.66E-09	µCi/mL	GP	EPIA-011
0	Europium-152	1.21E-09±3.88E-09	U			6.67E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.29E-09±3.72E-09	U			6.60E-09	µCi/mL	GP	EPIA-013
0	Europium-155	-2.49E-09±4.75E-09	U			8.23E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	-2.86E-10±5.70E-10	U			2.00E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	7.51E-10±3.38E-09	U			6.45E-09	µCi/mL	GP	EPIA-006
0	Lead-212	1.71E-09±4.71E-09	U			5.01E-09	µCi/mL	GP	EPIA-013
0	Nickel-63	5.13E-09±9.58E-09	U			2.34E-08	µCi/mL	GP	EPIA-022
0	Nonvolatile beta	-6.22E-10±1.13E-09	U			2.91E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	5.30E-11±5.13E-10	U			1.49E-09	µCi/mL	GP	EPIA-011
0	Plutonium-238	9.64E-10±8.72E-10	J	I	6	5.78E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-1.46E-10±5.43E-10	U			1.80E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.93E-10±3.86E-10	U			5.78E-10	µCi/mL	GP	EPIA-011
0	Potassium-40	2.20E-08±3.26E-08	U			2.26E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-1.36E-09±1.81E-09	U			2.85E-09	µCi/mL	GP	EPIA-013
0	Radium-226	1.16E-09±9.07E-10	U			1.19E-09	µCi/mL	GP	EPIA-008
0	Radium-228	8.38E-11±4.68E-10	U			1.04E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	-3.29E-11±8.95E-10	U			2.09E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-3.48E-09±6.01E-09	U			1.56E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	1.84E-09±2.53E-09	U			3.19E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	5.16E-10±8.94E-10	U			1.75E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.32E-09±8.00E-10	R		46	1.00E-09	µCi/mL	GP	EPIA-012
0	Thorium-232	-5.18E-10±3.07E-10	U			1.24E-09	µCi/mL	GP	EPIA-012
0	Tritium	-3.30E-07±3.33E-07	U			6.07E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-4.52E-11±9.08E-11	U			1.74E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	-3.55E-11±7.12E-11	U			1.36E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	6.65E-10±1.08E-09	U			1.99E-09	µCi/mL	GP	EPIA-011

SAMPLING BLANKS RESULTS

Well QA 22C collected on 08/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium-235	5.93E-10±8.44E-10	U			8.90E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	5.73E-10±1.09E-09	U			2.34E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	-3.55E-11±7.12E-11	U			1.36E-09	µCi/mL	GP	EPIA-011

WELL QA 24C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	pH	5.77	J	Q		0.100	pH	GE	EPA9040B
0	Specific conductance	1.57			6	1.00	µS/cm	GE	EPA9050A
0	Gross alpha	1.01E-10±4.30E-10	U			1.08E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	7.31E-10±6.70E-10	U			1.40E-09	µCi/mL	GP	EPIA-001
0	Tritium	-1.76E-07±3.53E-07	U			6.31E-07	µCi/mL	GP	EPIA-002

WELL QA 26C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/00
 Water temperature: 18.4°C
 Air temperature: 18.6°C
 pH: 5.3
 Sp. conductance: 1 µS/cm
 Turbidity: 0 NTU

Time: 10:09

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	64.4	J	I	6	200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B

WELL QA 28C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/00
 Water temperature: 21°C
 Air temperature: 31.4°C
 pH: 4.4
 Sp. conductance: 1 µS/cm
 Turbidity: 0 NTU

Time: 9:13

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	59.9	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	Chloride	<400	U			400	µg/L	EX	EPA300.0
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	EX	EPA9014
0	Cyanide	<10.0	U			10.0	µg/L	EX	EPA9014
0	2,4-Dichlorophenoxyacetic acid	<0.200	U			0.200	µg/L	EX	EPA8151A
0	Fluoride	<200	U			200	µg/L	EX	EPA300.0
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Lindane	<0.0990	U			0.0990	µg/L	EX	EPA8081A
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A

ESH-EMS-2000407

Well QA 28C collected on 07/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Nickel, total recoverable	<50.0	U			50.0	µg/L	EX	EPA6010B
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	Phenol	<9.70	U			9.70	µg/L	EX	EPA8270C
0	Selenium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Silver, total recoverable	<5.78	U	V		20.0	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	771	J	I	6	1,000	µg/L	EX	EPA300.0
0	Total organic carbon	<5,000	U			5,000	µg/L	EX	EPA9060
0	Total organic halogens	<120	JU	L	I	120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<2,500	U			2,500	µg/L	EX	EPA300.0

WELL QA 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Chloride	58.0	J	I	6	200	µg/L	EX	EPA300.0
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	EX	EPA9014
0	2,4-Dichlorophenoxyacetic acid	<0.200	U			0.200	µg/L	EX	EPA8151A
0	Fluoride	<100	U			100	µg/L	EX	EPA300.0
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Lindane	<0.0950	U			0.0950	µg/L	EX	EPA8081A
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nickel, total recoverable	<50.0	U			50.0	µg/L	EX	EPA6010B
0	Nitrate-nitrite as nitrogen	1,630			6	500	µg/L	EX	EPA300.0
0	Phenol	<9.50	U			9.50	µg/L	EX	EPA8270C
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	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	681			6	500	µg/L	EX	EPA300.0
0	Total organic carbon	<5,000	U			5,000	µg/L	EX	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<2,500	U			2,500	µg/L	EX	EPA300.0

WELL QA 32C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/00
 Water temperature: 25.2°C
 Air temperature: 18.2°C
 pH: 4.4
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU

Time: 11:28

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	455	J	I	6	500	µg/L	EX	EPA300.0

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WELL QA 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/00
 Water temperature: 25.2°C
 Air temperature: 18.2°C
 pH: 4.4
 Sp. conductance: 23 µS/cm
 Turbidity: 1 NTU

Time: 13:57

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
2	Aluminum, total recoverable	50.3	J	I	6	200	µg/L	EX	EPA6010B
0	Iron, total recoverable	16.2	J	I	6	200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	362	J	I	6	500	µg/L	EX	EPA300.0

WELL QA 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/00
 Water temperature: 27.6°C
 Air temperature: 18.5°C
 pH: 7.9
 Sp. conductance: 1 µS/cm
 Turbidity: 1 NTU

Time: 10:10

Total alkalinity (as CaCO₃): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<15.1	U	V		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	<15.0	U			15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	34.1	J	I	6	120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Iron, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	<185	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	409	J	I	6	500	µg/L	EX	EPA300.0
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	<675	U			675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	-6.65E-11±2.17E-10	U			7.68E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	-3.05E-10±5.59E-10	U			1.48E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	0.00E+00±1.74E-10	JU	L	I	5.76E-10	µCi/mL	GP	EPIA-010

WELL QA 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

Well QA 38C collected on 08/23/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B

WELL QA 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B

WELL QA 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/00
 Water temperature: 28.1°C
 Air temperature: 30.1°C
 pH: 4.9
 Sp. conductance: 1 µS/cm
 Turbidity: 1 NTU

Time: 10:56

Total alkalinity (as CaCO₃): 2 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	62.6	J	I	6	1,000	µg/L	EX	EPA6010B
0	Sulfate	<500	U			500	µg/L	EX	EPA300.0

WELL QA 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/00
 Water temperature: 21.2°C
 Air temperature: 25.3°C
 pH: 4.8
 Sp. conductance: 1 µS/cm
 Turbidity: 0 NTU

Time: 12:52

Total alkalinity (as CaCO₃): 0 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Arsenic, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Barium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Chloride	<200	U			200	µg/L	EX	EPA300.0
0	Chromium, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Cyanide	<10.0	U			10.0	µg/L	EX	EPA9014
0	2,4-Dichlorophenoxyacetic acid	<0.200	U			0.200	µg/L	EX	EPA8151A
0	Fluoride	<100	U			100	µg/L	EX	EPA300.0
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Lindane	<0.0980	U			0.0980	µg/L	EX	EPA8081A
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B
0	Mercury, total recoverable	<0.500	U			0.500	µg/L	EX	EPA7470A
0	Nickel, total recoverable	<50.0	U			50.0	µg/L	EX	EPA6010B
0	Nitrate-nitrite as nitrogen	<500	U			500	µg/L	EX	EPA300.0
0	Phenol	<9.80	U			9.80	µg/L	EX	EPA8270C

SAMPLING BLANKS RESULTS

Well QA 44C collected on 09/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	<500	U			500	µg/L	EX	EPA300.0
0	Total organic carbon	<5,000	U			5,000	µg/L	EX	EPA9060
0	Total organic halogens	<120	U			120	µg/L	WA	EPA9020B
0	Total phosphates (as P)	<2,500	U			2,500	µg/L	EX	EPA300.0

WELL QA 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/00
Water temperature: 19.9°C
Air temperature: 24.3°C
pH: 5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:12

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<38.8	U	V		200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B

WELL QA 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	21.3	J	IL	16	40.0	µg/L	ML	EPA6010B
0	Antimony, total recoverable	<13.4	U	V		20.0	µg/L	ML	EPA6010B
0	Arsenic, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Barium, total recoverable	<15.0	U			15.0	µg/L	ML	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	ML	EPA6010B
0	Cadmium, total recoverable	<25.0	U			25.0	µg/L	ML	EPA6010B
0	Calcium, total recoverable	<72.3	U	V		120	µg/L	ML	EPA6010B
0	Chromium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Cobalt, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Copper, total recoverable	<60.0	U	V		60.0	µg/L	ML	EPA6010B
0	Iron, total recoverable	<16.1	U			40.0	µg/L	ML	EPA6010B
0	Lead, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Magnesium, total recoverable	<185	U			185	µg/L	ML	EPA6010B
0	Manganese, total recoverable	5.09	J	I	6	10.0	µg/L	ML	EPA6010B
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	ML	EPA7470A
0	Nickel, total recoverable	<60.0	U			60.0	µg/L	ML	EPA6010B
0	Nitrate-nitrite as nitrogen	<100	U			100	µg/L	EX	EPA300.0
0	Nitrate-nitrite as nitrogen	<100	U			100	µg/L	EX	EPA300.0
0	Potassium, total recoverable	<1,870	U			1,870	µg/L	ML	EPA6010B
0	Selenium, total recoverable	<40.0	U			40.0	µg/L	ML	EPA6010B
0	Silver, total recoverable	<50.0	U			50.0	µg/L	ML	EPA6010B
0	Sodium, total recoverable	<675	U			675	µg/L	ML	EPA6010B
0	Thallium, total recoverable	<20.0	U			20.0	µg/L	ML	EPA6010B
0	Vanadium, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Zinc, total recoverable	<30.0	U			30.0	µg/L	ML	EPA6010B
0	Gross alpha	2.67E-10±3.61E-10	U			7.41E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	2.80E-10±5.81E-10	U			1.29E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	-5.10E-11±2.20E-11	U			3.31E-10	µCi/mL	GP	EPIA-010

WELL QA 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<12.3	U	V		200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	<500	U			500	µg/L	EX	EPA300.0
0	Sulfate	<500	U			500	µg/L	EX	EPA300.0

WELL QA 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B

WELL QA 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/00
Water temperature: 25.2°C
Air temperature: 23.2°C
pH: 6
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 12:46

Total alkalinity (as CaCO3): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
1	Aluminum, total recoverable	35.7	J	I	6	200	µg/L	EX	EPA6010B
0	Iron, total recoverable	<200	U			200	µg/L	EX	EPA6010B
0	Sodium, total recoverable	<1,000	U			1,000	µg/L	EX	EPA6010B
0	Sulfate	<500	U			500	µg/L	EX	EPA300.0

WELL QA 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<35.8	U	V		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

SAMPLING BLANKS RESULTS

Well QA 76C collected on 09/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	43.9	J	I	6	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	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	3.27E-10±1.80E-09	U			8.44E-09	µCi/mL	ML	EPIA-001
0	Tritium	-9.98E-08±3.77E-07	U			5.55E-07	µCi/mL	ML	EPIA-002

WELL QA 80C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/00
Water temperature: 26.7°C
Air temperature: 19.2°C
pH: 5.9
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:33

Total alkalinity (as CaCO₃): 1 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-3.80E-10±4.40E-10	U			9.00E-10	µCi/mL	TM	EPA900.0M
0	Gross alpha	2.30E-10±4.00E-10	U			6.50E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-1.50E-09±1.00E-09	U			1.68E-09	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-9.20E-10±9.00E-10	U			1.51E-09	µCi/mL	TM	EPA900.0M
0	Tritium	-3.10E-07±6.60E-07	U			1.19E-06	µCi/mL	TM	EPA906.0M
0	Tritium	-4.00E-08±6.60E-07	U			1.16E-06	µCi/mL	TM	EPA906.0M

WELL QA 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acenaphthene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Acenaphthylene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Aldrin	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	Aluminum, total recoverable	<146	U			146	µg/L	WA	EPA6010B
0	Anthracene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
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	alpha-Benzene hexachloride	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	beta-Benzene hexachloride	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	delta-Benzene hexachloride	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	Benzo(a)anthracene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Benzo(b)fluoranthene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Benzo(k)fluoranthene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Benzo(g,h,i)perylene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Benzo(a)pyrene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Beryllium, total recoverable	<1.60	U			1.60	µg/L	WA	EPA6010B
0	Bis(2-chloroethoxy) methane	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Bis(2-chloroethyl) ether	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Bis(2-chloroisopropyl) ether	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
2	Bis(2-ethylhexyl) phthalate	11.1	J	Q	6	10.6	µg/L	WA	EPA8270C
0	4-Bromophenyl phenyl ether	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Butylbenzyl phthalate	<10.6	JU	Q		10.6	µg/L	WA	EPA6010B
0	Cadmium, total recoverable	<4.70	U			4.70	µg/L	WA	EPA6010B
0	Calcium, total recoverable	<471	U			471	µg/L	WA	EPA6010B
0	Carbazole	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	alpha-Chlordane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	gamma-Chlordane	<0.100	U			0.100	µg/L	WA	EPA8081A
0	4-Chloroaniline	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	4-Chloro-m-cresol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C

ESH-EMS-2000407

Well QA 84C collected on 08/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	2-Chloronaphthalene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	2-Chlorophenol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	4-Chlorophenyl phenyl ether	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Chromium, total recoverable	<7.00	U			7.00	µg/L	WA	EPA6010B
0	Chrysene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Cobalt, total recoverable	<4.50	U			4.50	µg/L	WA	EPA6010B
0	Copper, total recoverable	<15.0	U			15.0	µg/L	WA	EPA6010B
0	o-Cresol (2-Methylphenol)	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	p-Cresol (4-Methylphenol)	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Cyanide	<15.2	U			15.2	µg/L	WA	EPA9014
0	p,p'-DDD	<0.105	U			0.105	µg/L	WA	EPA8081A
0	p,p'-DDE	<0.105	U			0.105	µg/L	WA	EPA8081A
0	p,p'-DDT	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Dibenz(a,h)anthracene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Dibenzofuran	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Di-n-butyl phthalate	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	1,2-Dichlorobenzene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	1,3-Dichlorobenzene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	1,4-Dichlorobenzene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	3,3'-Dichlorobenzidine	<20.0	JU	Q		20.0	µg/L	WA	EPA8270C
0	2,4-Dichlorophenol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Dieldrin	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Diethyl phthalate	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	2,4-Dimethyl phenol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Dimethyl phthalate	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	2,4-Dinitrophenol	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	2,4-Dinitrotoluene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	2,6-Dinitrotoluene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Di-n-octyl phthalate	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Endosulfan sulfate	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Endosulfan I	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	Endosulfan II	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Endrin	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Endrin aldehyde	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Endrin ketone	<0.105	U			0.105	µg/L	WA	EPA8081A
0	Fluoranthene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Fluorene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Heptachlor	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	Heptachlor epoxide	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	Hexachlorobenzene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Hexachlorobutadiene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Hexachlorocyclopentadiene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Hexachloroethane	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Indeno(1,2,3-c,d)pyrene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Iron, total recoverable	<74.0	U			74.0	µg/L	WA	EPA6010B
0	Isophorone	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Lead, total recoverable	<47.0	U			47.0	µg/L	WA	EPA6010B
0	Lindane	<0.0525	U			0.0525	µg/L	WA	EPA8081A
0	Magnesium, total recoverable	12.9	J	I	6	74.0	µg/L	WA	EPA6010B
0	Manganese, total recoverable	<7.80	U			7.80	µg/L	WA	EPA6010B
0	Mercury, total recoverable	<0.700	U			0.700	µg/L	WA	EPA7470A
0	Methoxychlor	<0.525	U			0.525	µg/L	WA	EPA8081A
0	2-Methyl-4,6-dinitrophenol	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	2-Methylnaphthalene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Naphthalene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Nickel, total recoverable	<26.0	U			26.0	µg/L	WA	EPA6010B
0	m-Nitroaniline	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	o-Nitroaniline	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	p-Nitroaniline	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	Nitrobenzene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	2-Nitrophenol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	4-Nitrophenol	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	N-Nitrosodiphenylamine	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	N-Nitrosodipropylamine	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	PCB 1016	<1.03	JU	Q		1.03	µg/L	WA	EPA8082
0	PCB 1221	<2.06	JU	Q		2.06	µg/L	WA	EPA8082
0	PCB 1232	<1.03	JU	Q		1.03	µg/L	WA	EPA8082
0	PCB 1242	<1.03	JU	Q		1.03	µg/L	WA	EPA8082
0	PCB 1248	<1.03	JU	Q		1.03	µg/L	WA	EPA8082
0	PCB 1254	<1.03	JU	Q		1.03	µg/L	WA	EPA8082
0	PCB 1260	<1.03	JU	Q		1.03	µg/L	WA	EPA8082
0	Pentachlorophenol	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	Phenanthrene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Phenol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Potassium, total recoverable	<187	U			187	µg/L	WA	EPA6010B
0	Pyrene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Selenium, total recoverable	<66.0	U			66.0	µg/L	WA	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	WA	EPA6010B

C-11

Third Quarter 2000

SAMPLING BLANKS RESULTS

Well QA 84C collected on 08/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Sodium, total recoverable	<285	U			285	µg/L	WA	EPA6010B
0	Thallium, total recoverable	<55.0	U			55.0	µg/L	WA	EPA6010B
0	Toxaphene	<5.25	U			5.25	µg/L	WA	EPA8081A
0	1,2,4-Trichlorobenzene	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	2,4,5-Trichlorophenol	<26.6	JU	Q		26.6	µg/L	WA	EPA8270C
0	2,4,6-Trichlorophenol	<10.6	JU	Q		10.6	µg/L	WA	EPA8270C
0	Vanadium, total recoverable	<6.90	U			6.90	µg/L	WA	EPA6010B
0	Zinc, total recoverable	<53.0	U			53.0	µg/L	WA	EPA6010B
0	Tritium	-2.00E-08±4.20E-07	U			7.40E-07	µCi/mL	TM	EPA906.0M

WELL QA 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Uranium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
0	Actinium-228	4.54E-09±5.43E-09	U			1.04E-08	µCi/mL	GP	EPIA-013
0	Americium-241	3.99E-12±3.47E-11	U			8.72E-11	µCi/mL	GP	EPIA-011
0	Antimony-125	7.01E-09±7.57E-09	U			7.44E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	4.44E-09±1.23E-08	U			2.25E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	2.55E-09±3.95E-09	U			6.33E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	8.25E-10±1.31E-09	U			2.47E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	2.79E-09±2.17E-09	U			2.98E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	4.88E-10±1.62E-09	U			3.12E-09	µCi/mL	GP	EPIA-013
0	Curium-242	4.78E-12±2.16E-11	U			6.08E-11	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.07E-11±4.70E-11	U			9.88E-11	µCi/mL	GP	EPIA-011
0	Curium-245/246	3.40E-11±4.03E-11	U			6.14E-11	µCi/mL	GP	EPIA-011
0	Europium-152	-3.53E-09±4.52E-09	U			7.25E-09	µCi/mL	GP	EPIA-013
0	Europium-154	-1.91E-09±4.04E-09	U			7.13E-09	µCi/mL	GP	EPIA-013
0	Europium-155	4.09E-10±5.96E-09	U			1.06E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	1.12E-10±2.15E-10	U			4.67E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	2.77E-10±6.13E-10	U			7.79E-10	µCi/mL	GP	EPIA-006
0	Lead-212	6.77E-09±3.09E-09	R		4	5.66E-09	µCi/mL	GP	EPIA-013
0	Neptunium-237	3.54E-11±1.02E-10	U			2.57E-10	µCi/mL	GP	EPIA-032
0	Nonvolatile beta	1.76E-10±4.76E-10	U			1.04E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	1.34E-10±7.23E-11	U	V		5.77E-11	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	3.66E-11±3.68E-11	U			2.74E-11	µCi/mL	GP	EPIA-011
0	Potassium-40	1.73E-08±3.14E-08	U			2.87E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-4.52E-10±1.96E-09	U			3.25E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.81E-10±4.89E-10	J	I	6	5.88E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.20E-10±5.66E-10	U			1.25E-09	µCi/mL	GP	EPIA-009
0	Radon-222	-4.45E-08±2.72E-08	U			5.03E-08	µCi/mL	GP	EPIA-007
0	Strontium-90	-7.67E-11±2.15E-10	U			5.01E-10	µCi/mL	GP	EPIA-004
0	Technetium-99	-4.00E-10±6.95E-09	U			1.71E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	3.93E-09±3.62E-09	J	I	6	3.66E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	3.21E-11±5.90E-11	U			1.18E-10	µCi/mL	GP	EPIA-012
0	Thorium-230	9.92E-11±6.25E-11	R		4	6.93E-11	µCi/mL	GP	EPIA-012
0	Thorium-232	-4.09E-12±2.11E-11	U			6.93E-11	µCi/mL	GP	EPIA-012
0	Tritium	7.05E-09±3.03E-07	U			5.30E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	2.97E-11±1.03E-10	U			2.60E-10	µCi/mL	GP	EPIA-011
0	Uranium-235	-2.65E-11±2.68E-11	U			2.09E-10	µCi/mL	GP	EPIA-011
0	Uranium-238	-1.98E-11±2.31E-11	U			1.91E-10	µCi/mL	GP	EPIA-011

WELL QA 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

Well QA 88C collected on 08/28/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-1.40E-10±5.40E-10	U			9.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	1.30E-09±1.17E-09	U			1.74E-09	µCi/mL	TM	EPA900.0M

WELL QA 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Gross alpha	-4.20E-10±4.90E-10	U			9.90E-10	µCi/mL	TM	EPA900.0M
0	Nonvolatile beta	-5.00E-11±8.80E-10	U			1.40E-09	µCi/mL	TM	EPA900.0M

WELL QA 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/00
 Water temperature: 22.5°C
 Air temperature: 23°C
 pH: 5.3
 Sp. conductance: 1 µS/cm
 Turbidity: 1 NTU

Time: 10:29

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Gross alpha	1.86E-10±3.06E-10	U			6.50E-10	µCi/mL	GP	EPIA-001
0	Iodine-129	-9.72E-13±5.01E-10	U			9.29E-10	µCi/mL	GP	EPIA-006
0	Nonvolatile beta	3.89E-10±6.59E-10	U			1.48E-09	µCi/mL	GP	EPIA-001
0	Radium-226	1.30E-10±3.30E-10	U			6.14E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.42E-10±5.34E-10	U			1.17E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.61E-10±3.50E-10	U			7.74E-10	µCi/mL	GP	EPIA-004
0	Tritium	-2.35E-08±3.01E-07	U			5.29E-07	µCi/mL	GP	EPIA-002

WELL QA 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/00
 Water temperature: 24.2°C
 Air temperature: 22.1°C
 pH: 6.6
 Sp. conductance: 1 µS/cm
 Turbidity: 1 NTU

Time: 16:36

Total alkalinity (as CaCO3): 1 mg/L
 Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Actinium-228	6.42E-09±5.29E-09	U			1.04E-08	µCi/mL	GP	EPIA-013
0	Antimony-125	7.74E-10±3.91E-09	U			7.13E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	-1.16E-08±1.24E-08	U			1.97E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	3.20E-09±3.02E-09	U			5.72E-09	µCi/mL	GP	EPIA-013
0	Cesium-134	-8.92E-10±1.46E-09	U			2.45E-09	µCi/mL	GP	EPIA-013
0	Cesium-137	1.20E-09±2.65E-09	U			2.70E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	-5.35E-10±1.55E-09	U			2.72E-09	µCi/mL	GP	EPIA-013
0	Europium-152	2.17E-09±4.53E-09	U			7.86E-09	µCi/mL	GP	EPIA-013
0	Europium-154	1.15E-09±3.86E-09	U			6.77E-09	µCi/mL	GP	EPIA-013
0	Europium-155	5.01E-09±5.89E-09	U			9.71E-09	µCi/mL	GP	EPIA-013
0	Gross alpha	8.64E-10±4.58E-10	J	I	6	5.80E-10	µCi/mL	GP	EPIA-001

Well QA 94C collected on 09/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead-212	2.81E-09±4.51E-09	U			5.53E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	1.22E-09±6.50E-10	U			1.25E-09	µCi/mL	GP	EPIA-001
0	Potassium-40	3.70E-08±2.05E-08	U			4.25E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	-5.32E-10±2.10E-09	U			3.23E-09	µCi/mL	GP	EPIA-013
1	Radium-226	3.84E-09±9.59E-10		6		6.18E-10	µCi/mL	GP	EPIA-008
0	Strontium-90	-3.95E-10±2.54E-10	U			6.89E-10	µCi/mL	GP	EPIA-004
0	Thallium-208	1.10E-09±1.57E-09	U			2.94E-09	µCi/mL	GP	EPIA-013

WELL QA 96C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Lead, total recoverable	<10.0	U			10.0	µg/L	EX	EPA6010B

WELL QA 100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Boron, total recoverable	9.00	J	I	6	50.0	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	48.1	J	IK	I6	100	µg/L	GE	EPA6010B
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Lithium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Magnesium, total recoverable	6.44	J	IK	I6	20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Potassium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Tin, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B

WELL QA 100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Alkalinity (as CaCO ₃)	3.06		6		2,000	mg/L	GE	EPA310.1
0	Chloride	<100	U			100	µg/L	GE	EPA9056
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nitrate as nitrogen	50.0	R	LQ		50.0	µg/L	GE	EPA9056
0	Phenols	2.27	J	I	6	5.00	µg/L	GE	EPA9066
0	Sulfate	<200	U			200	µg/L	GE	EPA9056
0	Total dissolved solids	<10,000	JU	Q		10,000	µg/L	GE	EPA160.1
0	Total organic carbon	<200	U			200	µg/L	GE	EPA9060
0	Total organic halogens	<10.0	U			10.0	µg/L	GE	EPA9020B
0	Carbon-14	-1.28E-09±6.53E-09	U			1.14E-08	µCi/mL	GP	EPIA-003
0	Gross alpha	1.24E-10±2.33E-10	U			5.14E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.72E-10±5.67E-10	U			1.21E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	2.56E-10±2.69E-10	U			4.35E-10	µCi/mL	GP	EPIA-010
0	Strontium-90	-3.51E-11±4.23E-10	U			9.55E-10	µCi/mL	GP	EPIA-004
0	Strontium-90	-1.18E-10±4.68E-10	U			1.06E-09	µCi/mL	GP	EPIA-004
0	Tritium	-7.95E-08±2.97E-07	U			5.27E-07	µCi/mL	GP	EPIA-002

WELL QA 108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
Water temperature: 23.2°C
Air temperature: 17°C
pH: 5
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 18:56

Total alkalinity (as CaCO₃): 1 mg/L
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<15.0	U			15.0	µg/L	GE	EPA6020
0	Antimony, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Arsenic, total recoverable	<3.00	U			3.00	µg/L	GE	EPA6020
0	Barium, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Beryllium, total recoverable	<0.200	U			0.200	µg/L	GE	EPA6020
2	Bis(2-ethylhexyl) phthalate	12.6	J	Q	6	0.980	µg/L	GE	EPA8270C
0	Cadmium, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Chromium, total recoverable	<3.62	U	V	6	3.00	µg/L	GE	EPA6020
0	Cobalt, total recoverable	<1.00	U			1.00	µg/L	GE	EPA6020
0	Copper, total recoverable	15.1	U			2.00	µg/L	GE	EPA6020
0	Cyanide	<5.00	JU	Q	6	5.00	µg/L	GE	EPA9012A
0	Iron, total recoverable	<24.0	U	V	6	25.0	µg/L	GE	EPA6020
0	Lead, total recoverable	<0.158	JU		46	2.00	µg/L	GE	EPA6020
0	Mercury, total recoverable	<0.200	U			0.200	µg/L	GE	EPA7470A
0	Nickel, total recoverable	0.479	J	I	6	2.00	µg/L	GE	EPA6020
0	Nitrate-nitrite as nitrogen	<10.0	U	V	6	50.0	µg/L	GE	EPA353.1
0	pH	5.81	J	Q	6	0.100	pH	GE	EPA9040B
0	Phenols	3.17	J	IQ	6	5.00	µg/L	GE	EPA9066
0	Selenium, total recoverable	<0.405	JU		46	3.00	µg/L	GE	EPA6020
0	Silver, total recoverable	<0.227	U	V	6	1.00	µg/L	GE	EPA6020
0	Specific conductance	<1.00	U			1.00	µS/cm	GE	EPA9050A
0	Thallium, total recoverable	<0.500	JU	L	CI	0.500	µg/L	GE	EPA6020
0	Tin, total recoverable	<2.00	U			2.00	µg/L	GE	EPA6020
0	Vanadium, total recoverable	<11.3	U	V	6	10.0	µg/L	GE	EPA6020
0	Zinc, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6020
0	Actinium-228	3.60E-09±6.67E-09	U			1.27E-08	µCi/mL	GP	EPIA-013
0	Americium-241	2.25E-10±3.20E-10	U			5.77E-10	µCi/mL	GP	EPIA-011
0	Americium-241	4.54E-10±4.18E-10	U			5.82E-10	µCi/mL	GP	EPIA-011
0	Antimony-125	5.05E-10±5.54E-09	U			9.64E-09	µCi/mL	GP	EPIA-013
0	Bismuth-212	9.78E-09±1.60E-08	U			2.75E-08	µCi/mL	GP	EPIA-013
0	Bismuth-214	1.38E-08±6.49E-09	R		46	9.93E-09	µCi/mL	GP	EPIA-013
0	Carbon-14	1.26E-09±4.57E-09	U			7.79E-09	µCi/mL	GP	EPIA-003
0	Cesium-134	-6.63E-10±2.09E-09	U			3.14E-09	µCi/mL	GP	EPIA-013

SAMPLING BLANKS RESULTS

Well QA 108C collected on 09/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Cesium-137	1.48E-09±2.36E-09	U			3.98E-09	µCi/mL	GP	EPIA-013
0	Cobalt-60	1.02E-09±2.11E-09	U			4.17E-09	µCi/mL	GP	EPIA-013
0	Curium-242	-8.18E-11±1.16E-10	U			6.22E-10	µCi/mL	GP	EPIA-011
0	Curium-242	0.00E+00±2.00E-09	U			2.45E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	2.61E-10±4.47E-10	U			8.85E-10	µCi/mL	GP	EPIA-011
0	Curium-243/244	7.51E-11±2.41E-10	U			5.82E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	6.99E-10±4.99E-10	R		46	2.62E-10	µCi/mL	GP	EPIA-011
0	Curium-245/246	7.92E-10±5.34E-10	R		46	2.64E-10	µCi/mL	GP	EPIA-011
0	Europium-152	4.19E-10±6.65E-09	U			1.02E-08	µCi/mL	GP	EPIA-013
0	Europium-154	5.85E-09±5.53E-09	U			8.97E-09	µCi/mL	GP	EPIA-013
0	Europium-155	3.17E-09±8.19E-09	U			1.40E-08	µCi/mL	GP	EPIA-013
0	Gross alpha	4.64E-10±6.33E-10	U			1.20E-09	µCi/mL	GP	EPIA-001
0	Iodine-129	3.07E-11±1.03E-09	U			1.92E-09	µCi/mL	GP	EPIA-006
0	Lead-212	4.02E-09±4.54E-09	U			7.57E-09	µCi/mL	GP	EPIA-013
0	Nonvolatile beta	-1.28E-10±1.24E-09	U			3.04E-09	µCi/mL	GP	EPIA-001
0	Plutonium-238	0.00E+00±2.00E-09	U			3.14E-10	µCi/mL	GP	EPIA-011
0	Plutonium-238	5.82E-10±1.50E-09	U			3.43E-09	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	-5.29E-11±1.06E-10	U			6.60E-10	µCi/mL	GP	EPIA-011
0	Plutonium-239/240	1.20E-10±4.88E-10	U			1.44E-09	µCi/mL	GP	EPIA-011
0	Potassium-40	2.94E-08±2.36E-08	U			4.91E-08	µCi/mL	GP	EPIA-013
0	Promethium-146	3.37E-10±2.64E-09	U			4.60E-09	µCi/mL	GP	EPIA-013
0	Radium-226	8.14E-10±4.86E-10	J	I	6	6.39E-10	µCi/mL	GP	EPIA-008
0	Radium-228	1.19E-09±6.28E-10	J	IL	C6	1.19E-09	µCi/mL	GP	EPIA-009
0	Strontium-90	1.73E-10±1.10E-09	U			2.60E-09	µCi/mL	GP	EPIA-004
0	Technetium-99	-2.47E-09±8.01E-09	U			2.03E-08	µCi/mL	GP	EPIA-005
0	Thallium-208	2.86E-09±2.46E-09	U			4.39E-09	µCi/mL	GP	EPIA-013
0	Thorium-228	-2.27E-10±6.69E-10	U			1.63E-09	µCi/mL	GP	EPIA-012
0	Thorium-230	1.05E-09±8.15E-10	U			1.27E-09	µCi/mL	GP	EPIA-012
0	Thorium-232	-1.70E-12±2.95E-10	U			8.15E-10	µCi/mL	GP	EPIA-012
0	Tritium	2.92E-08±3.95E-07	U			6.89E-07	µCi/mL	GP	EPIA-002
0	Uranium-233/234	-5.68E-10±6.01E-10	U			2.58E-09	µCi/mL	GP	EPIA-011
0	Uranium-233/234	5.08E-10±6.91E-10	U			1.26E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	-5.17E-10±5.93E-10	U			2.52E-09	µCi/mL	GP	EPIA-011
0	Uranium-235	4.70E-11±3.63E-10	U			1.17E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	1.75E-11±6.85E-10	U			2.06E-09	µCi/mL	GP	EPIA-011
0	Uranium-238	6.29E-10±6.79E-10	U			8.83E-10	µCi/mL	GP	EPIA-011

WELL QA 110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/29/00
Water temperature: 20°C
Air temperature: 17.5°C
pH: 4.9
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:54

Total alkalinity (as CaCO3): 0 mg/L
Phenolphthalein alkalinity: 0 mg/L

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Aluminum, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Antimony, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Arsenic, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Barium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Beryllium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cadmium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Calcium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Chloride	<100	U			100	µg/L	GE	EPA9056
0	Chromium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cobalt, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Copper, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Iron, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Lead, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Magnesium, total recoverable	<20.0	U			20.0	µg/L	GE	EPA6010B
0	Manganese, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Nickel, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	PCB 1016	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1221	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1232	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1242	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1248	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1254	<0.100	U			0.100	µg/L	GE	EPA8082
0	PCB 1260	<0.100	U			0.100	µg/L	GE	EPA8082

ESH-EMS-2000407

Well QA 110C collected on 09/29/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Potassium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Selenium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Silver, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Sodium, total recoverable	<100	U			100	µg/L	GE	EPA6010B
0	Sulfate	<200	U			200	µg/L	GE	EPA9056
0	Thallium, total recoverable	<10.0	U			10.0	µg/L	GE	EPA6010B
0	Total phosphates (as P)	<50.0	U			50.0	µg/L	GE	EPA365.4
0	Uranium, total recoverable	<50.0	U			50.0	µg/L	GE	EPA6010B
0	Vanadium, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Zinc, total recoverable	<5.00	U			5.00	µg/L	GE	EPA6010B
0	Gross alpha	1.01E-10±5.27E-10	U			1.17E-09	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	4.46E-10±9.23E-10	U			1.90E-09	µCi/mL	GP	EPIA-001
0	Radium, total alpha-emitting	2.45E-10±3.06E-10	U			6.22E-10	µCi/mL	GP	EPIA-010

WELL QA 110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/29/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloride	<100	U			100	µg/L	GE	EPA9056
0	Cyanide	<5.00	U			5.00	µg/L	GE	EPA9012A
0	Fluoride	<50.0	U			50.0	µg/L	GE	EPA9056
0	Nitrate-nitrite as nitrogen	<50.0	U			50.0	µg/L	GE	EPA353.1
0	Sulfate	<200	U			200	µg/L	GE	EPA9056
0	Total phosphates (as P)	<50.0	U			50.0	µg/L	GE	EPA365.4
0	Gross alpha	2.40E-10±4.20E-10	U			9.01E-10	µCi/mL	GP	EPIA-001
0	Nonvolatile beta	1.41E-10±9.02E-10	U			2.01E-09	µCi/mL	GP	EPIA-001

WELL TRP100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B

C-14

Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP100C collected on 07/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
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 TRP102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

Well TRP102C collected on 07/13/00 (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

ESH-EMS-2000407

Well TRP102C collected on 07/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	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 TRP103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.64	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	0.817	J	IL	O8	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

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Third Quarter 2000

WELL TRP104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<1.32	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	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	0.700	J	IL	O8	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

WELL TRP105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B

ESH-EMS-2000407

Well TRP105C collected on 07/18/00 (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 TRP106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<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 TRP107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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

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Third Quarter 2000

Well TRP107C collected on 07/19/00 (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 TRP108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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 TRP109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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

SAMPLING BLANKS RESULTS

Well TRP110C collected on 07/24/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	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 TRP111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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 TRP112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

ESH-EMS-2000407

Well TRP112C collected on 07/25/00 (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 TRP113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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	0.949	J	IKL	IO8	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

C-18

Third Quarter 2000

WELL TRP114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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	1.04	J	K	IO8	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 TRP115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B

ESH-EMS-2000407

Well TRP115C collected on 07/31/00 (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	0.930	J	IKL	IO8	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 TRP116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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	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	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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

C-19

Third Quarter 2000

Well TRP117C collected on 08/03/00 (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	<0.334	U	V		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP118C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	0.954	J	IK	O8	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	5.95	J	K	O8	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 TRP119C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B

SAMPLING BLANKS RESULTS

Well TRP120C collected on 07/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methacrylonitrile	<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	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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

ESH-EMS-2000407

Well TRP121C collected on 07/20/00 (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	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methacrylonitrile	<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	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<6.59	U	V		5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methacrylonitrile	<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	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP122C collected on 08/02/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Propionitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<0.328	U	V		1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<7.42	U	V		5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methacrylonitrile	<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	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

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Well TRP123C collected on 08/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP124C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<7.24	U	V		5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methacrylonitrile	<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	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

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WELL TRP127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<7.23	U	V	5.00		µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U		25.0		µg/L	GE	EPA8260B
0	Acrolein	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Benzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromoform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	U		50.0		µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Styrene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Toluene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Xylenes	<3.00	U		3.00		µg/L	GE	EPA8260B

WELL TRP128C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<7.82	U	V	5.00		µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U		25.0		µg/L	GE	EPA8260B
0	Acrolein	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Benzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromoform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	U		50.0		µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Styrene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Toluene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Xylenes	<3.00	U		3.00		µg/L	GE	EPA8260B

WELL TRP129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<2.75	U	V	5.00		µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U		25.0		µg/L	GE	EPA8260B
0	Acrolein	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Benzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromoform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	U		50.0		µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Styrene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Toluene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Xylenes	<3.00	U		3.00		µg/L	GE	EPA8260B

WELL TRP130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	4.42	J	I	8	5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U		25.0		µg/L	GE	EPA8260B
0	Acrolein	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U		10.0		µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Benzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromoform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroform	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	U		50.0		µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Styrene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Toluene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U		1.00		µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U		5.00		µg/L	GE	EPA8260B
0	Xylenes	<3.00	U		3.00		µg/L	GE	EPA8260B

WELL TRP131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	2.03	J	I	8	5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	U			25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroform	0.289	J	I	8	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,4-Dichloro-2-butene	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	U			50.0	µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Propionitrile	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	U			3.00	µg/L	GE	EPA8260B

WELL TRP133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<2.07	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	Acetonitrile (Methyl cyanide)	<25.0	JU	L	O	25.0	µg/L	GE	EPA8260B
0	Acrolein	<10.0	JU	L	O	10.0	µg/L	GE	EPA8260B
0	Acrylonitrile	<10.0	JU	L	O	10.0	µg/L	GE	EPA8260B
0	Allyl chloride	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroprene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dibromo-3-chloropropane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dibromoethane	<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	trans-1,4-Dichloro-2-butene	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Dichlorodifluoromethane	<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	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Iodomethane (Methyl iodide)	3.73	J	IL	O8	5.00	µg/L	GE	EPA8260B
0	Isobutyl alcohol	<50.0	JU	L	O	50.0	µg/L	GE	EPA8260B
0	Methacrylonitrile	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl methacrylate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Propionitrile	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2,3-Trichloropropane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B

WELL TRP134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.08	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B

ESH-EMS-2000407

Well TRP136C collected on 08/01/00 (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 TRP137B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	21.7	J	L	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	5.97	J	L	O8	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	17.6	J	L	O8	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 TRP137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

SAMPLING BLANKS RESULTS

Well TRP137C collected on 08/15/00 (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	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.59	JU	V	X	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 TRP138B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	16.0			8	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

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Well TRP138B collected on 08/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP138C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<8.14	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 TRP139B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B

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Well TRP139B collected on 08/09/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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	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

ESH-EMS-2000407

WELL TRP140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP141C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

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SAMPLING BLANKS RESULTS

Well TRP141C collected on 08/10/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
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	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	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	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	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 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	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	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	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	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	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	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	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	1,1-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	1,2-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	1,1-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	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	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	2.44	J	IL	O8	10.0	µg/L	ML	EPA8260B
0	Dichloromethane	2.44	J	IL	O8	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000407

Well TRP142C collected on 09/05/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<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	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	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	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 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	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	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	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	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	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	1,1,1-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	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	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	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL TRP143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	6.89	J	I	8	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP143C collected on 09/13/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP144C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	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 TRP145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<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

ESH-EMS-2000407

Well TRP145C collected on 09/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP146C collected on 09/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP147C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromofrom	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP152B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000407

Well TRP152B collected on 07/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	Bromofrom	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP154C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	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

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP154C collected on 09/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP161C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
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	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	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	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	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 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	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	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	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	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	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	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	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	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

ESH-EMS-2000407

Well TRP161C collected on 09/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1-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	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	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	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	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	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	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	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	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 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	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	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	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	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	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	1,1,1-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	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	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	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B

WELL TRP164B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<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	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	1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<11.6	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

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP164B collected on 09/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	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	Styrene	<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	Xylenes	<5.00	JU	L	O	5.00	µg/L	WA	EPA8260B

WELL TRP167C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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	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 TRP168C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B

ESH-EMS-2000407

Well TRP168C collected on 09/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.40	J	IK	O8	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 TRP169C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

SAMPLING BLANKS RESULTS

Well TRP169C collected on 09/12/00 (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	<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 TRP170C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	U		50.0	µg/L	EX	EPA8260B	
0	Acrylonitrile	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	Benzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromodichloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromoform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	2-Chloroethyl vinyl ether	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dibromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dichloromethane	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	

ESH-EMS-2000407

Well TRP170C collected on 07/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Trichloroethylene	<5.00	JU	L	I	5.00	µg/L	EX	EPA8260B

WELL TRP171C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	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 TRP172C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	20.8	J	L	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

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Third Quarter 2000

Well TRP172C collected on 08/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	0.990	J	IL	O8	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	7.01	J	L	O8	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	17.7	J	L	O8	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 TRP173C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

ESH-EMS-2000407

WELL TRP174C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP175C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B

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Third Quarter 2000

Well TRP175C collected on 08/23/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	U			1.00	µg/L	ML	EPA8260B

WELL TRP176C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	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

ESH-EMS-2000407

WELL TRP177C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	6.65	J	IL	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 TRP178C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	6.89	J	IL	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

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Third Quarter 2000

Well TRP178C collected on 09/19/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU	L	O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	ML	EPA8260B
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 TRP182B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<12.3	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

ESH-EMS-2000407

WELL TRP183B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<10.1	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP185C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B

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Third Quarter 2000

Well TRP185C collected on 07/20/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Styrene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Toluene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		5.00		µg/L	WA	EPA8260B

WELL TRP186C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Benzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Dichloromethane	<5.69	U	V	5.00		µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Styrene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Toluene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		5.00		µg/L	WA	EPA8260B

ESH-EMS-2000407

WELL TRP188C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U		10.0		µg/L	ML	EPA8260B
0	Benzene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Bromoform	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Bromomethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Chloroethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Chloroform	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Chloromethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,2-Dichloroethylene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	U		10.0		µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	U		5.00		µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	U		5.00		µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	U		5.00		µg/L	ML	EPA8260B
0	Styrene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Toluene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	U		1.00		µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	U		5.00		µg/L	ML	EPA8260B
0	Xylenes	<1.00	U		1.00		µg/L	ML	EPA8260B

WELL TRP200C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Benzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B

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Third Quarter 2000

Well TRP200C collected on 09/01/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Dichloromethane	<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	2-Hexanone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Styrene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Toluene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		5.00		µg/L	WA	EPA8260B

WELL TRP201C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Benzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromoform	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Chloroform	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Dichloromethane	<7.32	U	V	5.00		µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Styrene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Toluene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U		5.00		µg/L	WA	EPA8260B
0	Vinyl acetate	<10.0	U		10.0		µg/L	WA	EPA8260B
0	Xylenes	<5.00	U		5.00		µg/L	WA	EPA8260B

WELL TRP205C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	14.0	J	I	8	20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U		200		µg/L	EX	EPA8260B
0	Acrolein	<50.0	U		50.0		µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U		10.0		µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Benzene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Bromoform	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Chloroform	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U		20.0		µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U		10.0		µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U		20.0		µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U		5.00		µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U		5.00		µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP212C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	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	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP213C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B

ESH-EMS-2000407

Well TRP213C collected on 08/11/00 (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	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	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP214C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.15	J	IL	O8	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

WELL TRP215C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B

C-40

Third Quarter 2000

Well TRP215C collected on 09/14/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

WELL TRP218C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	0.185	J	I	8	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<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 TRP220C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<1.40	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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 TRP221C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Acetonitrile (Methyl cyanide)	<200	U		200	µg/L	EX	EPA8260B	
0	Acrolein	<50.0	U		50.0	µg/L	EX	EPA8260B	
0	Acrylonitrile	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	Allyl chloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Benzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromodichloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromoform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon disulfide	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroprene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dibromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dibromo-3-chloropropane	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	1,2-Dibromoethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dibromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,4-Dichloro-2-butene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dichlorodifluoromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	cis-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dichloromethane	<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 TRP222C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Acetonitrile (Methyl cyanide)	<200	U		200	µg/L	EX	EPA8260B	
0	Acrolein	<50.0	U		50.0	µg/L	EX	EPA8260B	
0	Acrylonitrile	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	Allyl chloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Benzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromodichloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromoform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon disulfide	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroprene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dibromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dibromo-3-chloropropane	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	1,2-Dibromoethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dibromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,4-Dichloro-2-butene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dichlorodifluoromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	cis-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dichloromethane	<1.60	U	V	10.0	µg/L	EX	EPA8260B	
0	1,2-Dichloropropane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichloropropane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	2,2-Dichloropropane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloropropene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	cis-1,3-Dichloropropene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,3-Dichloropropene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dioxane	<500	U		500	µg/L	EX	EPA8260B	
0	Ethyl methacrylate	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Ethylbenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	2-Hexanone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Iodomethane (Methyl iodide)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	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 TRP233C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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 TRP234C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dichloromethane	1.38	J	IL	O8	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

ESH-EMS-2000407

Well TRP234C collected on 09/12/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

WELL TRP235C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	U			1.00	µg/L	GE	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	GE	EPA8260B
0	1,2-Dichloropropane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP236C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B

C-43

Third Quarter 2000

Well TRP236C collected on 08/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	5.65	J	I	8	10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.19	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
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP242C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<1.90	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 TRP248B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/29/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.75	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	2-Hexanone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl ethyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Methyl isobutyl ketone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Styrene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Xylenes	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP252C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

SAMPLING BLANKS RESULTS

Well TRP252C collected on 09/21/00 (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	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 TRP261C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP262C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	JU		O	20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	JU		O	200	µg/L	EX	EPA8260B

ESH-EMS-2000407

Well TRP262C collected on 07/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acrolein	<50.0	JU		O	50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	JU		O	10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	JU		O	20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	JU		O	10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	JU		O	20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.80	J	I	O	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	JU		O	500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	JU		O	20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	JU		O	500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	JU		O	200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	JU		O	20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU		O	10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	JU		O	20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	JU		O	200	µg/L	EX	EPA8260B
0	Propionitrile	<200	JU		O	200	µg/L	EX	EPA8260B
0	Styrene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	JU		O	5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	JU		O	10.0	µg/L	EX	EPA8260B

WELL TRP263C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

Well TRP263C collected on 08/09/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Acetonitrile (Methyl cyanide)	<200	U		200	µg/L	EX	EPA8260B	
0	Acrolein	<50.0	U		50.0	µg/L	EX	EPA8260B	
0	Acrylonitrile	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	Allyl chloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Benzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromodichloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromoform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon disulfide	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroprene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dibromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dibromo-3-chloropropane	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	1,2-Dibromoethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dibromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,4-Dichloro-2-butene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dichlorodifluoromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	cis-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dichloromethane	<4.90	U	V	10.0	µg/L	EX	EPA8260B	
0	1,2-Dichloropropane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichloropropane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	2,2-Dichloropropane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloropropene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	cis-1,3-Dichloropropene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,3-Dichloropropene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dioxane	<500	U		500	µg/L	EX	EPA8260B	
0	Ethyl methacrylate	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Ethylbenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	2-Hexanone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Iodomethane (Methyl iodide)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	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 TRP264C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	JU	L	O	50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<2.10	JU	L	V	10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Isobutyl alcohol	<500	JU	L	O	500	µg/L	EX	EPA8260B
0	Methacrylonitrile	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Methyl isobutyl ketone	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B
0	Methyl methacrylate	<20.0	JU	L	O	20.0	µg/L	EX	EPA8260B
0	Pentachloroethane	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Propionitrile	<200	JU	L	O	200	µg/L	EX	EPA8260B
0	Styrene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	JU	L	O	10.0	µg/L	EX	EPA8260B

WELL TRP265C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Acetonitrile (Methyl cyanide)	<200	U		200	µg/L	EX	EPA8260B	
0	Acrolein	<50.0	U		50.0	µg/L	EX	EPA8260B	
0	Acrylonitrile	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	Allyl chloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Benzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromodichloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromoform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon disulfide	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroprene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dibromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dibromo-3-chloropropane	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	1,2-Dibromoethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dibromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,4-Dichloro-2-butene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dichlorodifluoromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	cis-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,2-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dichloromethane	<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 TRP266C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Acetonitrile (Methyl cyanide)	<200	U		200	µg/L	EX	EPA8260B	
0	Acrolein	<50.0	U		50.0	µg/L	EX	EPA8260B	
0	Acrylonitrile	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	Allyl chloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Benzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromodichloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromoform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Bromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon disulfide	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Carbon tetrachloride	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroethene (Vinyl chloride)	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroform	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Chloroprene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dibromochloromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dibromo-3-chloropropane	<10.0	U		10.0	µg/L	EX	EPA8260B	
0	1,2-Dibromoethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	Dibromomethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,3-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,4-Dichlorobenzene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	trans-1,4-Dichloro-2-butene	<20.0	U		20.0	µg/L	EX	EPA8260B	
0	Dichlorodifluoromethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,2-Dichloroethane	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	1,1-Dichloroethylene	<5.00	U		5.00	µg/L	EX	EPA8260B	
0	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 TRP271C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	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 TRP272C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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	JU	L	I	5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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	IK	O8	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

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Well TRP272C collected on 07/26/00 (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 TRP273C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<2.90	JU	QV		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	JU	Q		5.00	µg/L	EX	EPA8260B

WELL TRP275C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

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Well TRP275C collected on 08/17/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<2.20	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP276C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

ESH-EMS-2000407

WELL TRP277C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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 TRP278C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP278C collected on 08/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP279C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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 TRP280C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B

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Well TRP280C collected on 09/06/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Chloroethyl vinyl ether	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
1	Dichloromethane	3.50	J	I	O8	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 TRP281C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B

WELL TRP282C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP284C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

SAMPLING BLANKS RESULTS

Well TRP284C collected on 08/03/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP285C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP286C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP287C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B

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Well TRP287C collected on 07/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP288C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<6.46	U	V		5.00	µg/L	WA	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP289C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .
 Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	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

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Third Quarter 2000

Well TRP289C collected on 09/08/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<7.54	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 TRP290C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Dichloromethane	<24.3	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	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

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WELL TRP291C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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	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	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	<23.2	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 TRP296C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<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

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SAMPLING BLANKS RESULTS

Well TRP296C collected on 07/31/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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	<6.86	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
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 TRP297C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	U			10.0	µg/L	WA	EPA8260B
0	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
0	Dichloromethane	<8.61	U	V		5.00	µg/L	WA	EPA8260B

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Well TRP297C collected on 09/11/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	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 TRP302C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP303C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B

WELL TRP304C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Trichloroethylene	<1.00	U			1.00	µg/L	WA	EPA8021B

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WELL TRP305C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	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 TRP314C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

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Well TRP314C collected on 08/16/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Ethylbenzene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Trichlorofluoromethane	<1.00	U			1.00	µg/L	GE	EPA8260B

WELL TRP315C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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 TRP316C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/00
Water temperature: Not available
Air temperature: Not available
pH: Not available
Sp. conductance: Not available
Turbidity: Not available
No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

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Well TRP316C collected on 08/23/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP317C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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

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WELL TRP318C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	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 TRP328C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<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

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Third Quarter 2000

Well TRP328C collected on 08/22/00 (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 TRP329C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Carbon tetrachloride	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chlorobenzene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Chloroform	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1-Dichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Tetrachloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Toluene	<2.00	U			2.00	µg/L	EM	EPA8260B
0	1,1,1-Trichloroethane	<2.00	U			2.00	µg/L	EM	EPA8260B
0	Trichloroethylene	<2.00	U			2.00	µg/L	EM	EPA8260B

WELL TRP330C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<0.500	U			0.500	µg/L	WA	EPA8021B
0	Chloroform	<0.500	U			0.500	µg/L	WA	EPA8021B
0	Tetrachloroethylene	<0.500	U			0.500	µg/L	WA	EPA8021B
0	1,1,1-Trichloroethane	<0.500	U			0.500	µg/L	WA	EPA8021B
0	Trichloroethylene	<0.500	U			0.500	µg/L	WA	EPA8021B

WELL TRP331C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Carbon tetrachloride	<1.00	U			1.00	µg/L	EX	EPA8260B
0	Chloroform	<1.00	U			1.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<1.00	U			1.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<1.00	JU	L	I	1.00	µg/L	EX	EPA8260B

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WELL TRP341C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<0.165	U	V		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	0.0594	J	I	8	1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	U			1.00	µg/L	GE	EPA8260B
0	Toluene	0.475	J	I	8	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 TRP342C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO₃): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Benzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Bromomethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloroethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroethene (Vinyl chloride)	<10.0	U			10.0	µg/L	WA	EPA8260B
0	2-Chloroethyl vinyl ether	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	WA	EPA8260B
0	Chloromethane	<10.0	U			10.0	µg/L	WA	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	WA	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	WA	EPA8260B
2	Dichloromethane	6.47	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

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Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP342C collected on 09/06/00 (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 TRP343C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	Benzene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Bromodichloromethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Bromoform	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Bromomethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Carbon disulfide	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Carbon tetrachloride	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chlorobenzene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloroform	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Chloromethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Dibromochloromethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,2-Dichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	cis-1,2-Dichloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	trans-1,2-Dichloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Dichloromethane	<10.0	JU		O	10.0	µg/L	ML	EPA8260B
0	1,2-Dichloropropane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	cis-1,3-Dichloropropene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	trans-1,3-Dichloropropene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Ethylbenzene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	2-Hexanone	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Methyl ethyl ketone	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Styrene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Tetrachloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Toluene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Trichloroethylene	<1.00	JU		O	1.00	µg/L	ML	EPA8260B
0	Vinyl acetate	<5.00	JU		O	5.00	µg/L	ML	EPA8260B
0	Xylenes	<1.00	JU		O	1.00	µg/L	ML	EPA8260B

WELL TRP344C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

Well TRP344C collected on 09/21/00 (cont.)

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 TRP347C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon 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	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	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	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Methyl ethyl ketone	<20.0	U			20.0	µg/L	EX	EPA8260B

SAMPLING BLANKS RESULTS

Well TRP347C collected on 09/19/00 (cont.)

0	Methyl isobutyl ketone	<10.0	U		10.0	µg/L	EX	EPA8260B
0	Styrene	<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	Vinyl acetate	<5.00	U		5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U		10.0	µg/L	EX	EPA8260B

WELL TRP358C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<2.08	JU	LV	O	5.00	µg/L	GE	EPA8260B
0	Benzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromodichloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromoform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Bromomethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Carbon disulfide	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Carbon tetrachloride	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chlorobenzene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroethene (Vinyl chloride)	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloroform	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Chloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Dibromochloromethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1-Dichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,2-Dichloroethylene	<2.00	JU	L	O	2.00	µg/L	GE	EPA8260B
0	cis-1,2-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	2-Hexanone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl ethyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Methyl isobutyl ketone	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Styrene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2,2-Tetrachloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Tetrachloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Toluene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,1-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	1,1,2-Trichloroethane	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Trichloroethylene	<1.00	JU	L	O	1.00	µg/L	GE	EPA8260B
0	Vinyl acetate	<5.00	JU	L	O	5.00	µg/L	GE	EPA8260B
0	Xylenes	<3.00	JU	L	O	3.00	µg/L	GE	EPA8260B

WELL TRP359C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

Well TRP359C collected on 08/31/00 (cont.)

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B

WELL TRP363C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	1.40	J	IK	O8	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

SAMPLING BLANKS RESULTS

Well TRP363C collected on 09/15/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
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 TRP364C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<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

ESH-EMS-2000407

Well TRP364C collected on 09/25/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
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 TRP366C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/00
 Water temperature: Not available
 Air temperature: Not available
 pH: Not available
 Sp. conductance: Not available
 Turbidity: Not available
 No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available
 Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<2.60	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

C-59

Third Quarter 2000

SAMPLING BLANKS RESULTS

Well TRP366C collected on 09/28/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	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	1,1,2-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 TRP367C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/27/00

Water temperature: Not available

Air temperature: Not available

pH: Not available

Sp. conductance: Not available

Turbidity: Not available

No water was evacuated from the well prior to sampling.

Time: .

Total alkalinity (as CaCO3): Not available

Phenolphthalein alkalinity: Not available

ANALYSES

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Acetone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Acetonitrile (Methyl cyanide)	<200	U			200	µg/L	EX	EPA8260B
0	Acrolein	<50.0	U			50.0	µg/L	EX	EPA8260B
0	Acrylonitrile	<10.0	U			10.0	µg/L	EX	EPA8260B
0	Allyl chloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Benzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromodichloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromoform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Bromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon disulfide	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Carbon tetrachloride	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroethene (Vinyl chloride)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroform	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Chloroprene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dibromochloromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dibromo-3-chloropropane	<10.0	U			10.0	µg/L	EX	EPA8260B
0	1,2-Dibromoethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dibromomethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dichlorobenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,4-Dichloro-2-butene	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Dichlorodifluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2-Dichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,2-Dichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Dichloromethane	<1.60	U	V		10.0	µg/L	EX	EPA8260B
0	1,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,3-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2,2-Dichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	cis-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	trans-1,3-Dichloropropene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,4-Dioxane	<500	U			500	µg/L	EX	EPA8260B
0	Ethyl methacrylate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Ethylbenzene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	2-Hexanone	<20.0	U			20.0	µg/L	EX	EPA8260B
0	Iodomethane (Methyl iodide)	<5.00	U			5.00	µg/L	EX	EPA8260B
0	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

ESH-EMS-2000407

Well TRP367C collected on 09/27/00 (cont.)

F	Analyte	Result	FG	S	EMS	SQL	Unit	Lab	Method
0	Styrene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2,2-Tetrachloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Tetrachloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Toluene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,1-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,1,2-Trichloroethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichloroethylene	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Trichlorofluoromethane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	1,2,3-Trichloropropane	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Vinyl acetate	<5.00	U			5.00	µg/L	EX	EPA8260B
0	Xylenes	<10.0	U			10.0	µg/L	EX	EPA8260B

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