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Memo

To: Groundwater Report Recipients
From: Al Mamatey, 735-11A *ARM*
Subject: Reprint of 1Q '93 Report (Volume 1)
Date: January 21, 1993

Groundwater Report Reprinted

As I indicated in a December 6, 1993, memo, Volume 1 of the Savannah River Site's Groundwater Monitoring Program report (ESH-EMS-930096) for the first quarter of 1993 had to be recalled and reissued to you because of problems with the printing quality of the original document. Here, finally, is your new document! It is a month late in getting to you because the vendor responsible for botching the original job—and ultimately for redoing it—did not deliver on time, as he had promised he would.

The vendor, you may recall, requested the return of all the originally distributed reports. I then asked that you return them to me, and I want to thank all of you who did so. If you still have your original report, please recycle it and replace it with this one; I no longer need it.

I hope you suffered no major inconvenience because of all this. If you have any questions, don't hesitate to give me a call (725-3363).

Thanks for your understanding and cooperation.

cc. Bob Lorenz, 735-16A

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THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S
GROUNDWATER MONITORING PROGRAM

FIRST QUARTER 1993 (U)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

Reviewed and approved by
Charles Dan Rogers
EPD/EMS Groundwater Coordinator

Publication Date: August 1993

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

SAVANNAH RIVER SITE

Prepared for the U.S. Department of Energy under Contract No. AA89128P

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1. EXECUTIVE SUMMARY

The Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During first quarter 1993, 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, interpretation of data, and trend identification. Since 1991, the flagging criteria have been based on the federal 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 first quarter 1993 are included in this report, which

is distributed to all site custodians. Fifteen wells scheduled for analyses during first quarter 1993 were not sampled pending full establishment of a purge-water containment program. For more information, see the **Sample Scheduling** section.

One or more analytes exceeded Flag 2 criteria during first quarter 1993 in 122 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 90 of the 123 monitoring well series.

Table 1 lists those well series with analytes in the groundwater above Flag 2 criteria during first quarter 1993, organized by location. Results from all laboratory analyses are used to generate this table. Specific conductance and pH data from the field also are included in this table.

Table 1. Analytes Above Flag 2 Criteria

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
100 AREAS		
C Area		
C-Area Burning/Rubble Pit	CRP	Trichloroethylene, tritium
C-Area Coal Pile Runoff Containment Basin	CCB	Aluminum
C-Area Disassembly Basin	CDB	Aluminum , iron, lead, tritium
C-Area Reactor Seepage Basins	CSB	Aluminum , lead, tritium
K Area		
K-Area Acid/Caustic Basin	KAC	Aluminum , iron, lead, pH, specific conductance

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
100 AREAS (cont.)		
K Area (cont.)		
K-Area Ash Basin	KAB	Aluminum , iron, lead , manganese, specific conductance, gross alpha
K-Area Burning/Rubble Pit	KRP	Aluminum , lead, manganese, total organic halogens
K-Area Coal Pile Runoff Containment Basin	KCB	Aluminum , iron, lead, manganese
K-Area Diesel Tank	KDT	Aluminum , manganese, tritium
K-Area Disassembly Basin	KDB	Aluminum , lead, manganese, tritium
K-Area Reactor Seepage Basin	KSB	Aluminum, tritium
K-Area Retention Basin	KRB	Aluminum , iron, lead, tritium
K-Area Sludge Land Application Site	KSS	Aluminum, iron, lead
K-Area: Tritium Monitoring Well	KSM	Aluminum , manganese, tritium
K-Area Wind Tower at B Road: Piezometers	K	Aluminum , iron , lead , tritium
L Area		
L-Area Acid/Caustic Basin	LAC	Aluminum , bis(2-ethylhexyl) phthalate , lead, tetrachloroethylene
L-Area Burning/Rubble Pit	LRP	Aluminum , lead
L-Area Disassembly Basin	LDB	Aluminum, lead
L-Area Oil and Chemical Basin	LCO	Aluminum , bis(2-ethylhexyl) phthalate, iron, tetrachloroethylene, tritium
L-Area Reactor Seepage Basin	LSB	Aluminum, iron, tritium
L-Area: Research Wells	LAW	Lead, tritium
P Area		
P-Area Acid/Caustic Basin	PAC	Aluminum, iron, manganese
P-Area Burning/Rubble Pit	PRP	Lead, manganese, total organic halogens, trichloroethylene

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
100 AREAS (cont.)		
P Area (cont.)		
P-Area Coal Pile Runoff Containment Basin	PCB	Aluminum , iron, manganese, total organic halogens
P-Area Disassembly Basin	PDB	Aluminum , lead, tritium
P-Area Reactor Seepage Basins	PSB	Aluminum, lead, tritium
R Area		
R-Area Acid/Caustic Basin	RAC	Aluminum , iron, manganese
R-Area Burning/Rubble Pits	RRP	Iron, lead
R-Area Coal Pile	RCP	Aluminum , iron, manganese
R-Area Disassembly Basin	RDB	Aluminum , iron, lead, manganese
Series A, R-Area Reactor Seepage Basins	RSA	Aluminum , iron, lead , manganese, mercury, strontium-90
Series B, R-Area Reactor Seepage Basins	RSB	Aluminum , cadmium, iron, lead , manganese , gross alpha
Series C, R-Area Reactor Seepage Basins	RSC	Aluminum , cadmium , iron , lead , manganese , mercury , gross alpha , nonvolatile beta
Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin	RSD	Aluminum , cadmium, iron, lead , manganese , mercury, gross alpha, nonvolatile beta, strontium-90, total alpha-emitting radium
Series E, R-Area Reactor Seepage Basins	RSE	Aluminum , cadmium, iron, lead, manganese, mercury, gross alpha, nonvolatile beta, total alpha-emitting radium , tritium
Series F, R-Area Reactor Seepage Basins	RSF	Aluminum , iron , pH
200 AREAS		
Burial Grounds (E Area)		
Burial Grounds	BG	Aluminum, cadmium, iron, lead, manganese, mercury, total organic halogens , gross alpha, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
200 AREAS (cont.)		
Burial Grounds (E Area) (cont.)		
Burial Grounds Perimeter	BGO	Aluminum, chloroethene (vinyl chloride), 1,1-dichloroethane, 1,1-dichloroethylene, iron, lead, manganese, pH, specific conductance, tetrachloroethylene, tin, total organic halogens, trichloroethylene, gross alpha, nonvolatile beta, tritium
E-Area Vaults near the Burial Grounds	BGX	Aluminum, iron, lead, manganese, pH, specific conductance, tin, trichloroethylene, tritium
Series C, Burial Grounds Grid	MGC	Aluminum, cadmium, iron, lead, manganese, mercury, total organic halogens, tritium
Series E, Burial Grounds Grid	MGE	Aluminum, cadmium, iron, lead, manganese, mercury, total organic carbon, nonvolatile beta, tritium
Series G, Burial Grounds Grid	MGG	Aluminum, cadmium, iron, lead, manganese, mercury, total organic halogens, gross alpha, tritium
F Area		
Burma Road Rubble Pit	BRR	Aluminum, iron, lead, manganese, tritium
F-Area Acid/Caustic Basin	FAC	Aluminum, dichloromethane (methylene chloride), iron, lead, manganese, total organic carbon, total organic halogens, gross alpha, total alpha-emitting radium
F-Area A Line	FAL	Aluminum, 1,2-dichloroethane, dichloromethane (methylene chloride), iron, lead, manganese, trichloroethylene, trichlorofluoromethane
F Area and H Area	Z	Aluminum, iron, lead, manganese
	ZW	Aluminum, cadmium, iron, lead, manganese, mercury, zinc, tritium
F-Area Burning/Rubble Pits	FBP	Aluminum, carbon tetrachloride, dichloromethane (methylene chloride), iron, tetrachloroethylene, total organic halogens, trichloroethylene, trichlorofluoromethane

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
200 AREAS (cont.)		
F Area (cont.)		
F-Area Canyon Building	FCA	Aluminum , dichloromethane (methylene chloride), iron, lead, manganese, nitrate-nitrite as nitrogen, specific conductance, total organic halogens, trichloroethylene, trichlorofluoromethane, gross alpha, nonvolatile beta, strontium-89, strontium 89/90, strontium-90, total alpha-emitting radium, tritium
F-Area Coal Pile Runoff Containment Basin	FCB	Aluminum , iron
F-Area Effluent Treatment Cooling Water Basin	FET	Aluminum , iron
F-Area Inactive Process Sewer Lines	FSL	Aluminum , carbon tetrachloride, lead, manganese, nitrate-nitrite as nitrogen, pH , specific conductance , tin , trichloroethylene, trichlorofluoromethane, gross alpha , nonvolatile beta , tritium
F Area: Microbiology Wells (P 28 cluster)	P	Aluminum, iron
F-Area Seepage Basins	F	Aluminum , cadmium , iron , lead , manganese , nitrate-nitrite as nitrogen , gross alpha, nonvolatile beta, total alpha-emitting radium , tritium
	FSB	Aluminum, bis(2-ethylhexyl) phthalate, cadmium, cobalt, iron, lead, manganese, mercury, nickel, nitrate-nitrite as nitrogen, pH, specific conductance, tetrachloroethylene, total silica, trichloroethylene, trichlorofluoromethane, americium-241, cesium-137, curium-243/244, gross alpha, iodine-129, nonvolatile beta, radium-226, radium-228, strontium-89, strontium-90, technetium-99 , total alpha-emitting radium, tritium, uranium-233/234, uranium-235, uranium-238
F-Area Sludge Land Application Site	FSS	Aluminum , iron, lead, manganese, tritium
F-Area Tank Farm	FTF	Aluminum , cadmium , chromium , iron , lead , manganese , mercury , nitrate-nitrite as nitrogen, pH, specific conductance, total organic carbon , gross alpha, nonvolatile beta, total alpha-emitting radium, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
200 AREAS (cont.)		
F Area (cont.)		
Old F-Area Seepage Basin	FNB	Aluminum , manganese, nitrate-nitrite as nitrogen, trichloroethylene, gross alpha, iodine-129, nonvolatile beta, radium-228 , strontium-89/90 , strontium-90, tritium, uranium, uranium-233/234, uranium-238
Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	Aluminum , iron, lead, manganese, nitrate-nitrite as nitrogen, total organic halogens, trichloroethylene, tritium
H Area		
East of H-Area Perimeter Fence (P 27 cluster)	P	Aluminum, bis(2-ethylhexyl) phthalate , iron, lead, pH, specific conductance, tin
H-Area Acid/Caustic Basin	HAC	Aluminum, iron, tritium
H Area and F Area	Z	Aluminum , iron, lead, manganese
	ZW	Aluminum , cadmium, iron, lead, manganese, mercury, zinc, tritium
H-Area Auxiliary Pump Pit	HAP	Aluminum , manganese, strontium-90
H-Area Canyon Building	HCA	Aluminum , 1,2-dichloroethane , dichloromethane (methylene chloride), lead, manganese, total organic halogens, trichlorofluoromethane, tritium
H-Area Coal Pile Runoff Containment Basin	HCB	Aluminum , beryllium , cobalt , iron, lead, manganese, nickel , specific conductance, trichloroethylene , tritium
H-Area Effluent Treatment Cooling Water Basin	HET	Aluminum , iron, tritium
H-Area Inactive Process Sewer Lines	HSL	Aluminum , manganese, nitrate-nitrite as nitrogen, total organic halogens , nonvolatile beta, strontium-90 , technetium-99 , tritium
H-Area Retention Basin	HR8	Aluminum , lead, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
200 AREAS (cont.)		
H Area (cont.)		
H-Area Seepage Basins	HSB	Aluminum, arsenic, cadmium, cobalt, copper, iron, lead, manganese, mercury, nitrate-nitrite as nitrogen, pH, specific conductance, tetrachloroethylene, tin , total organic halogens, total silica, vanadium, cobalt-60, gross alpha, iodine-129, nonvolatile beta, radium-226, radium-228, strontium-89, strontium-90, technetium-99 , total alpha-emitting radium, tritium, uranium-233/234, uranium-238
H-Area Sludge Land Application Site	HSS	Aluminum, iron
H-Area Tank Farm	HTF	Aluminum, ammonia nitrogen , cadmium, carbon tetrachloride, cobalt, 1,1-dichloroethylene , iron, lead, manganese, nickel , pH, total organic halogens, trichloroethylene, zinc , gross alpha, nonvolatile beta, strontium-90, tritium, uranium 233/234
Old H-Area Retention Basin	HR3	Aluminum, iron , tritium
S Area		
S-Area Defense Waste Processing Facility (DWPF): Background Wells	SBG	Aluminum , tetrachloroethylene, total organic halogens, trichloroethylene, tritium
S-Area Low-Point Pump Pit	SLP	Aluminum, iron
S-Area Vitrification Building	SCA	Aluminum , iron, lead , manganese, specific conductance, tritium
Y Area		
Y-Area Waste Solidification and Disposal Facility	YSC	Aluminum , manganese, nitrate as nitrogen , pH, specific conductance
Z Area		
Z-Area Low-Point Drain Tank	ZDT	Aluminum , tritium
Z-Area Saltstone Facility: Background Wells	ZBG	Aluminum, nitrate-nitrite as nitrogen
300/700 AREAS		
A Area near Firing Range: Background Well	ABW	Tetrachloroethylene

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
300/700 AREAS (cont.)		
A-Area Burning/Rubble Pits	ARP	Dichloromethane (methylene chloride), tetrachloroethylene, total organic halogens, trichloroethylene
A Area: Cluster Perimeter Wells; M Area: Plume Definition Wells	AC	Aluminum , pH
A-Area Coal Pile Runoff Containment Basin	ACB	Manganese, gross alpha, total alpha-emitting radium
A-Area Metals Burning Pit	ABP	Aluminum, lithium, manganese, pH, specific conductance, tetrachloroethylene, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF)	MSB	Aluminum, cadmium, chloroethane, copper, 1,1-dichloroethylene, dichloromethane (methylene chloride), iron, lead, manganese, mercury, nitrate as nitrogen, nitrate-nitrite as nitrogen, pH, specific conductance, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene, zinc, gross alpha, nonvolatile beta, total alpha-emitting radium
M Area: Recovery Wells (also used for plume definition)	RWM	Aluminum, dichloromethane (methylene chloride), nitrate-nitrite as nitrogen, tetrachloroethylene, total organic halogens, trichloroethylene, trichlorofluoromethane
Metallurgical Laboratory Seepage Basin	AMB	Aluminum, dichloromethane (methylene chloride), iron, lead, manganese, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene
Miscellaneous Chemical Basin	MCB	Aluminum, dichloromethane (methylene chloride), lithium, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene
Motor Shop Oil Basin	AOB	Aluminum , tetrachloroethylene, total organic halogens, trichloroethylene
Savannah River Technology Center (SRTC) Seepage Basins	ASB	Aluminum , cadmium, dichloromethane (methylene chloride), iron, pH, tetrachloroethylene, total organic halogens, trichloroethylene, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
300/700 AREAS (cont.)		
Silverton Road Waste Site	SRW	Aluminum , carbon tetrachloride, dichloromethane (methylene chloride), iron, lead, tetrachloroethylene, thallium, total organic halogens, trichloroethylene
400 AREA		
D Area		
D-Area Burning/Rubble Pits	DBP	Aluminum , manganese, nitrate as nitrogen
D-Area Coal Pile Runoff Containment Basin and Ash Basins	DCB	Aluminum, arsenic, cadmium, chromium, iron, lead, manganese, pH, specific conductance, sulfate, total organic halogens, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium
D-Area Oil Disposal Basin	DOB	Aluminum
600 AREAS		
Central Shops		
Central Shops Burning/Rubble Pit South of the Ford Building Seepage Basin	CBR	Aluminum
Central Shops Burning/Rubble Pits	CSR	Aluminum , iron
Central Shops Diesel Spill Site: Characterization and Remediation Wells	CSD	Aluminum , benzene, dissolved organic carbon, iron, lead, pH, tetrachloroethylene, total organic halogens, trichloroethylene
Fire Department Training Facility	CSO	Aluminum
Ford Building Seepage Basin	HXB	Aluminum , iron, lead, tritium
Hazardous Waste Storage Facility	HWS	Aluminum
General Areas		
B Area: Microbiology Wells (P 29 cluster)	P	Iron
Chemicals, Metals, and Pesticides (CMP) Pits	CMP	Aluminum, iron, lead, manganese, pH, total organic halogens
Hazardous Waste/Mixed Waste Disposal Facility	HMD	Aluminum , iron, lead, manganese, tritium

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

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
600 AREAS (cont.)		
General Areas (cont.)		
Hydrofluoric Acid Spill Area	CSA	Aluminum, tetrachlorodibenzo-p-furan isomers, 2,3,7,8-TCDD
Interim Waste Technology Site B: Characterization Wells	IDB	Aluminum, iron, lead, manganese , pH, specific conductance, total organic halogens
Interim Waste Technology Site P: Characterization Wells	IDP	Aluminum, iron, lead, pH, total organic carbon
Interim Waste Technology Site Q: Characterization Wells	IDQ	Aluminum, iron, lead, manganese, pH, specific conductance
Kato Road Sewage Sludge Application Site (SSS 19-21)	SSS	Aluminum, barium, chromium , iron, manganese, total organic halogens, gross alpha, nonvolatile beta, radium-226
Lower Kato Road Sewage Sludge Application Site (SSS 4-6)	SSS	Aluminum, barium, chromium , iron, lead, manganese, total organic carbon, gross alpha, nonvolatile beta
Near Hawthorne Fire Tower: Background Well	GBW	Aluminum
Orangeburg Sewage Sludge Application Site (SSS 7-9)	SSS	Aluminum, chromium , iron, lead, manganese, mercury , gross alpha, nonvolatile beta
Par Pond Borrow Pit Sewage Sludge Application Site (SSS 16-18)	SSS	Aluminum, chromium , iron, lead, manganese, gross alpha, nonvolatile beta
Par Pond Sludge Land Application Site	PSS	Aluminum , iron, lead
Potential New Production Reactor Site (near Central Shops): Characterization Wells	NPM	Aluminum, iron , lead, pH
Road A Chemical Basin (Baxley Road)	BRD	Aluminum, iron , lead
Road F Sewage Sludge Application Site (SSS 22-24)	SSS	Aluminum, chromium , iron, manganese, gross alpha, nonvolatile beta
Sandy (Lucy) Sewage Sludge Application Site (SSS 10-12)	SSS	Aluminum, barium, cadmium , iron, lead, manganese, mercury , total organic halogens, gross alpha, nonvolatile beta

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984

EXECUTIVE SUMMARY

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

<u>Site</u>	<u>Well Series</u>	<u>Analytes Above Flag 2 Criteria</u>
600 AREAS (cont.)		
<i>General Areas (cont.)</i>		
Sanitary Landfill	LFW	Acetone, aluminum, benzene, chlorobenzene , chloroethene (vinyl chloride), 1,1-dichloroethylene, 1,1-dichloroethane, 1,2-dichloroethane, dichlorofluoromethane, dichloromethane (methylene chloride), 1,2-dichloropropane, iron, manganese, mercury, phenols, specific conductance, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene, trichlorofluoromethane, gross alpha, tritium
Second Par Pond Borrow Pit Sewage Application Site (SSS 25-27)	SSS	Aluminum , iron, lead, manganese, gross alpha
40-Acre Hardwood Sewage Sludge Application Site (SSS 1-3)	SSS	Aluminum , iron, total organic carbon, total organic halogens, gross alpha, nonvolatile beta
<i>TNX Area</i>		
New TNX Seepage Basin	YSB	Aluminum, total inorganic carbon
Old TNX Seepage Basin	XSB	Aluminum, carbon tetrachloride, dichloromethane (methylene chloride), iron, lead, manganese, nitrate as nitrogen, nitrate-nitrite as nitrogen, total inorganic carbon, total organic halogens, trichloroethylene
TNX Area: Assessment Wells	TNX	Aluminum, carbon tetrachloride, dichloromethane (methylene chloride), iron, manganese, nitrate-nitrite as nitrogen, tetrachloroethylene, total inorganic carbon, total organic halogens, trichloroethylene, gross alpha
TNX Area: Background Wells (P 26 cluster)	P	Aluminum, iron
TNX Burying Ground	TBG	Aluminum, carbon tetrachloride, iron, manganese, nitrate-nitrite as nitrogen, total inorganic carbon, trichloroethylene, gross alpha

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

NOTES

2. INTRODUCTION

This report summarizes the Savannah River Site (SRS) Groundwater Monitoring Program conducted by the Environmental Protection Department's Environmental Monitoring Section (EPD/EMS) during the first quarter of 1993. 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 document of the analytical results.

EPD/EMS is responsible for monitoring for constituents in the groundwater at approximately 135 waste sites in 16 areas at SRS (see figures 1 and 2, pp. 16–17). EPD/EMS is responsible for monitoring wells but is not responsible for the facilities where the wells are located. The majority of this monitoring is required by U.S. Department of Energy (DOE) orders and by federal and state regulations administered by the U.S. Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC). The groundwater monitoring program includes the following activities:

- installation, maintenance, and abandonment of monitoring wells
- environmental soil borings
- development of sampling and analytical schedules
- collection and analyses of groundwater samples
- review of analytical and other data
- maintenance of the databases containing groundwater monitoring data

- quality assurance (QA) evaluations of laboratory performance
- reports of results to waste-site facility custodians and the Environmental Protection Section (EPS) of EPD

It is the responsibility of the custodian of each waste site to ensure that EPD/EMS is informed of sampling requirements and special requests for the sampling schedule, to assist in reviewing the data, and to make any decisions regarding groundwater monitoring at the waste site.

Each custodian receives a copy of this report. Each custodian also receives site-specific data upon request, including the following:

- a computer printout of the analytical data for the current quarter and for the previous seven quarters, designed to assist in identifying trends
- a computer printout of analytical values at or above Flag 1 and Flag 2 criteria for the quarter, designed to assist in identifying elevated analytical values

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 following five sections address sampling and assessment of groundwater quality at SRS.

INTRODUCTION

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 the sample. Many of the comments concern wells that went dry during sampling or the appearance of water that is colored, turbid, or aerated. These comments are given in the **Field Notes** section.

Samples are analyzed by the EPD/EMS and M-Area laboratories at SRS and by one or more off-site laboratories. During the first quarter, General Engineering Laboratories and Roy F. Weston, Inc., were the primary off-site laboratories; radionuclide analyses were conducted by Environmental Physics (a division of General Engineering Laboratories), Teledyne Isotopes, Clemson Technical Center, Inc., and TMA/Eberline; asbestos analyses were conducted by Spencer Laboratories. The **Analytical-Data Review** section contains two subsections. The **Review of the Analytical Data for Errors** subsection is a discussion of discrepancies in each laboratory's analytical data, including results that are considerably higher or lower than previous results, analyses that were omitted, and laboratory blanks that showed elevated results. The **Analytical Methods** subsection lists the methods the laboratories used for measuring concentrations of each analyte.

A number of replicate samples are analyzed by the primary off-site laboratories as part of the EPD/EMS quality control program. The **Quality Control Samples** section contains four subsections. The **Replicate and Duplicate Analyses of Samples** subsection explains the replicate analysis program, gives the statistical methods used for comparison, and lists the results of the comparisons. The **Comments on the Replicate and Duplicate Analysis** subsection discusses the replicate and duplicate analyses comparison results and their meanings. The laboratory's performance is tested using solutions with known analyte concentrations; the results and percentage of analyses within limits are found in the **Quality Control Stan-**

dards subsection. The section also includes the following subsections: Water Intercomparison Laboratory Performance Evaluation and a Records Review Summary of the Primary Laboratories.

The **Blanks** subsection discusses various types of sampling blanks and lists anomalous results obtained from analysis of samples of deionized water to aid in determining if detected constituents were in rinse water or sample containers or were introduced during analysis.

The **Water Level Data** section includes concurrent water elevations obtained in the A/M and other areas; these data are used by SRS personnel in hydrogeologic studies.

The **Site Index by Well Series** section assists the reader in identifying the site associated with each well series. A list of terms, abbreviations, and acronyms used in this report can be found in the **Glossary** section. References cited are listed in the **References** section.

The **Analytical Results** section (**Appendix A**) includes tables listing the analytical results from all the laboratories and field data for all wells sampled during the quarter. The tables appear in alphabetical order by well name. The **Sampling Blank Results** section (**Appendix B**) contains tables listing the analytical results of laboratory tests on sampling blanks.

FOR FURTHER INFORMATION

The following is a brief description of documents pertaining to the Groundwater Monitoring Program.

Quarterly Reports

EPD/EMS has published a description of its Groundwater Monitoring Program for each quarter since the beginning of 1986. A list of these quarterly reports follows.

<u>Report</u>	<u>Document Number</u>
Fourth Quarter 1992	ESH-EMS-920038
Third Quarter 1992	ESH-EMS-920037
Second Quarter 1992	ESH-EMS-920036
First Quarter 1992	ESH-EMS-920035
Fourth Quarter 1991	ESH-EMS-910090

INTRODUCTION

<u>Report</u>	<u>Document Number</u>
Third Quarter 1991	ESH-EMS-910089
Second Quarter 1991	ESH-EMS-910088
First Quarter 1991	ESH-EMS-910087
Fourth Quarter 1990	ESH-EMS-900134
Third Quarter 1990	ESH-EMS-900133
Second Quarter 1990	ESH-EMS-900132
First Quarter 1990	ESH-EMS-900131
Fourth Quarter 1989	ESH-EMS-890046
Third Quarter 1989	ESH-EMS-890045
Second Quarter 1989	ESH-EMS-890044
First Quarter 1989	ESH-EMS-890043
Fourth Quarter 1988	HPR-89-193
Third Quarter 1988	HPR-88-489
Second Quarter 1988	HPR-88-300
First Quarter 1988	HPR-88-238
Fourth Quarter 1987	HPR-88-098
Third Quarter 1987	HPR-87-339
Second Quarter 1987	HPR-87-286
First Quarter 1987	HPR-87-158
Fourth Quarter 1986	HPR-87-072
Third Quarter 1986	HPR-87-002
Second Quarter 1986	HPR-86-226
First Quarter 1986 (revised)	HPR-86-158

Annual Reports

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

<u>Report</u>	<u>Document Number</u>
1992	WSRC-TR-93-075
1991	WSRC-TR-92-186
1990	WSRC-IM-91-28 (Vols. I and II)
1989	WSRC-IM-90-60 (Vols. I and II)
1988	WSRC-RP-89-59-1 (Vols. I and II)
1987	DPSPU-88-30-1 (Vols. I and II)
1986	DPSPU-87-30-1 (Vols. I and II)
1985	DPSPU-86-30-1 (Vols. I and II)

Inventory and Maps of Wells

The *Environmental Protection Department's Well Inventory* provides a historical record of

wells monitored by EPD/EMS, contains a list of wells currently in the Groundwater Monitoring Program, and provides pertinent information about all wells listed in EPD/EMS documents. The latest version is ESH-EMS-920040, which includes site maps for active and abandoned wells.

Prior to 1991, information on well abandonment, maintenance, construction and stabilization, environmental soil borings, and surveying was included in the quarterly report. Currently, all of that information is published separately in SRS's Groundwater Monitoring Program annual *Well Installation, Abandonment, and Maintenance Report*. The current version is ESH-EMS-930100.

Other Data Reports

DOE's *Geoscience Implementation Plan and Geohydrology Program Report* describe SRS geohydrology program projects and their current status and administration.

Christensen and Gordon's *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume I - Site Geohydrology and Solid and Hazardous Wastes* (DPST-83-829, December 1983) describes SRS waste disposal sites and analytical monitoring data.

Stone and Christensen's *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume II - Radioactive Waste* (DPST-83-829, December 1983) presents representative monitoring data for radioactivity in groundwater at SRS.

Full bibliographical listings of these and other documents cited can be found in the **References** section of this report.

Figure 1. Areas and Locations Monitored for Groundwater Quality at the Savannah River Site

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

NOTES

3. CORRECTIONS

CORRECTIONS TO THE THIRD AND FOURTH QUARTER 1992 REPORTS

Neptunium Results

In the third and fourth quarter reports, the Environmental Physics (GP) results for Alpha Spec Np were reported with a method detection limit (MDL) of 10. The correct MDL is 1.

Third Quarter

<u>GP Sample No.</u>	<u>Well No.</u>	<u>Results</u>
9207502-01	FMC 1F	<1.0E-09 μ Ci/mL
9207502-02	FMC 1H	<1.0E-09 μ Ci/mL
9207502-03	FMC 2H	<1.0E-09 μ Ci/mL
9207502-04	HSP 29	<1.0E-09 μ Ci/mL
9207502-05	HSP 92	<1.0E-09 μ Ci/mL
9207502-06	BG 3	<1.0E-09 μ Ci/mL
9207502-07	HSP 60	<1.0E-09 μ Ci/mL
9207578-01	HSP 8	<1.0E-09 μ Ci/mL
9207578-02	HSP 43	<1.0E-09 μ Ci/mL
9207578-03	QA 1	<1.0E-09 μ Ci/mL
9207642-01	FSP 12	<1.0E-09 μ Ci/mL
9207642-02	FSP 32	<1.0E-09 μ Ci/mL
9207642-03	FSP 47	<1.0E-09 μ Ci/mL
9207642-04	FSP204	<1.0E-09 μ Ci/mL
9207642-05	QA 4	<1.0E-09 μ Ci/mL
9208014-01	BG 1	<1.0E-09 μ Ci/mL
9208014-02	BG 2	<1.0E-09 μ Ci/mL
9208014-03	FSP290	<1.0E-09 μ Ci/mL
9208014-04	QA 2	<1.0E-09 μ Ci/mL
9208014-05	QA 3	<1.0E-09 μ Ci/mL
9208359-01	HTF 17	<1.0E-09 μ Ci/mL
9208359-02	HTF 22	<1.0E-09 μ Ci/mL
9208359-03	HTF 23	<1.0E-09 μ Ci/mL
9208359-04	HTF 24	<1.0E-09 μ Ci/mL
9208359-05	HTF 25	<1.0E-09 μ Ci/mL
9208359-06	HTF 29	<1.0E-09 μ Ci/mL
9208385-01	HTF 14	<1.0E-09 μ Ci/mL
9208385-02	HTF 18	<1.0E-09 μ Ci/mL
9208385-03	HTF 19	<1.0E-09 μ Ci/mL
9208385-04	HTF 20	<1.0E-09 μ Ci/mL
9208385-05	HTF 21	<1.0E-09 μ Ci/mL
9208385-06	HTF 26	<1.0E-09 μ Ci/mL

CORRECTIONS

<u>GP Sample No.</u>	<u>Well No.</u>	<u>Results</u>
9208385-07	HTF 27	<1.0E-09 $\mu\text{Ci/mL}$
9208385-08	HTF 28	<1.0E-09 $\mu\text{Ci/mL}$
9208385-09	HTF 31	<1.0E-09 $\mu\text{Ci/mL}$
9208385-10	HTF 32	<1.0E-09 $\mu\text{Ci/mL}$
9208432-08	HTF 1	<1.0E-09 $\mu\text{Ci/mL}$
9208432-09	HTF 7	<1.0E-09 $\mu\text{Ci/mL}$
9208432-10	HTF 9	<1.0E-09 $\mu\text{Ci/mL}$
9208432-11	HTF 10	<1.0E-09 $\mu\text{Ci/mL}$
9208432-12	HTF 11	<1.0E-09 $\mu\text{Ci/mL}$
9208432-13	HTF 12	<1.0E-09 $\mu\text{Ci/mL}$
9208432-14	HTF 13	<1.0E-09 $\mu\text{Ci/mL}$
9208432-15	HTF 15	<1.0E-09 $\mu\text{Ci/mL}$
9208432-16	HTF 16	<1.0E-09 $\mu\text{Ci/mL}$
9208527-01	HR3 13	<1.0E-09 $\mu\text{Ci/mL}$
9208527-02	HR8 12	<1.0E-09 $\mu\text{Ci/mL}$
9208527-03	HR8 11	<1.0E-09 $\mu\text{Ci/mL}$
9208527-04	HR3 11	<1.0E-09 $\mu\text{Ci/mL}$
9208527-05	HR8 13	<1.0E-09 $\mu\text{Ci/mL}$

Fourth Quarter

<u>GP Sample No.</u>	<u>Well No.</u>	<u>Results</u>	<u>Accuracy</u>
9211277-14	HTF 12	<1.0E-09 $\mu\text{Ci/mL}$	$\pm .603$
9211277-15	HTF 15	<1.0E-09 $\mu\text{Ci/mL}$	
9211277-16	HTF 16	<1.0E-09 $\mu\text{Ci/mL}$	
9211277-17	HTF 19	<1.7E-09 $\mu\text{Ci/mL}$	
9211332-01	HTF 21	<1.0E-09 $\mu\text{Ci/mL}$	
9211332-02	HTF 20	<1.0E-09 $\mu\text{Ci/mL}$	$\pm .209$
9211332-03	HTF 18	<1.0E-09 $\mu\text{Ci/mL}$	
9211332-04	HTF 14	<1.0E-09 $\mu\text{Ci/mL}$	
9211332-05	HTF 13	<1.0E-09 $\mu\text{Ci/mL}$	
9211332-06	HTF 10	<1.0E-09 $\mu\text{Ci/mL}$	
9211332-07	HTF 9	<1.0E-09 $\mu\text{Ci/mL}$	$\pm .173$
9211368-02	HTF 22	<1.0E-09 $\mu\text{Ci/mL}$	
9211368-03	HTF 23	<1.1E-09 $\mu\text{Ci/mL}$	
9211368-04	HTF 24	<1.0E-09 $\mu\text{Ci/mL}$	
9211368-05	HTF 25	<1.0E-09 $\mu\text{Ci/mL}$	
9211368-06	HTF 26	<1.1E-09 $\mu\text{Ci/mL}$	$\pm .665$
9211368-07	HTF 28	<1.0E-09 $\mu\text{Ci/mL}$	
9211368-08	HTF 29	<1.0E-09 $\mu\text{Ci/mL}$	
9211368-09	HTF 31	<1.0E-09 $\mu\text{Ci/mL}$	
9211368-10	HTF 32	<1.0E-09 $\mu\text{Ci/mL}$	
9211392-07	HTF 1	<1.0E-09 $\mu\text{Ci/mL}$	$\pm .584$
9211392-08	HTF 7	<1.8E-09 $\mu\text{Ci/mL}$	
9211392-09	HTF 11	<1.0E-09 $\mu\text{Ci/mL}$	
9211392-10	HTF 16	<1.0E-09 $\mu\text{Ci/mL}$	
9211392-11	HTF 27	<1.0E-09 $\mu\text{Ci/mL}$	
9211447-04	HTF 2	<1.0E-09 $\mu\text{Ci/mL}$	$\pm .698$
9211447-05	HTF 3	<1.0E-09 $\mu\text{Ci/mL}$	
9211447-06	HTF 4	<1.0E-09 $\mu\text{Ci/mL}$	
9211447-07	HR3 11	<1.0E-09 $\mu\text{Ci/mL}$	
9211447-08	HR3 13	<1.2E-09 $\mu\text{Ci/mL}$	
9211447-09	QA 29D	<1.3E-09 $\mu\text{Ci/mL}$	$\pm .484$
9211447-10	QA 30D	<1.0E-09 $\mu\text{Ci/mL}$	$\pm .55$
9211474-02	HR8 11	<1.7E-09 $\mu\text{Ci/mL}$	$\pm .465$

CORRECTIONS

<u>GP Sample No.</u>	<u>Well No.</u>	<u>Results</u>	<u>Accuracy</u>
9211474-03	HR8 12	<1.0E-09 $\mu\text{Ci/mL}$	
9211474-04	HR8 13	<1.0E-09 $\mu\text{Ci/mL}$	
9211474-05	QA 31D	<1.0E-09 $\mu\text{Ci/mL}$	
9211474-06	QA 32D	<1.1E-09 $\mu\text{Ci/mL}$	$\pm .466$
9212328-12	HTF 5	<1.0E-09 $\mu\text{Ci/mL}$	
9212328-13	HTF 6	<1.0E-09 $\mu\text{Ci/mL}$	
9212328-14	HTF 34	<1.0E-09 $\mu\text{Ci/mL}$	
9212520-01	HTF 8	<1.0E-09 $\mu\text{Ci/mL}$	

Incorrectly Reported Well Series Names

The following well series were incorrectly reported in 1992.

<u>Quarter</u>	<u>Section</u>	<u>Incorrect Series Name</u>	<u>Correct Series Name</u>
First	Quality Control Samples, p. 86	NMP	NPM
First	Analytical-Data Review, p. 56	TBNX	TNX
First	Executive Summary, p. 7	M12	NPM
First	Field Notes, p. 41	M12	NPM
First	Analytical-Data Review, pp. 48-51, 53-55	M12	NPM
First	Quality Control Samples, pp. 74, 83, 85-86	M12	NPM
Second	Executive Summary, p. 6	M12	NPM
Second	Field Notes, p. 44	M12	NPM
Second	Analytical-Data Review, pp. 51, 53-55, 59, 61-62	M12	NPM
Second	Analytical-Data Review, p. 54	KRD	KRB
Second	Quality Control Samples, p. 75, 85-87	M12	NPM
Third	Executive Summary, p. 7	M12	NPM
Third	Field Notes, p. 40	M12	NPM
Third	Analytical-Data Review, pp. 48, 50, 52, 55-57	M12	NPM
Third	Quality Control Samples, p. 82	LWF	LFW
Third	Quality Control Samples, p. 71, 82-85	M12	NPM

CORRECTIONS

<u>Quarter</u>	<u>Section</u>	<u>Incorrect Series Name</u>	<u>Correct Series Name</u>
Fourth	Executive Summary, p. 6	M12	NPM
Fourth	Field Notes, p. 38	M12	NPM
Fourth	Analytical-Data Review, pp. 43–44	M12	NPM

4. FLAGGING CRITERIA

Analyses in the data tables are assigned a flagging level (0, 1, or 2) depending on their concentration in a groundwater sample. Beginning in 1991, EPD/EMS modified its guidelines for setting flagging levels for the Groundwater Monitoring Program. The flagging criteria in table 2 were determined as follows.

Flag 0: Analytical results below Flag 1 or for a constituent having no flagging criteria are 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 document.

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

DWS – Drinking Water Standards.

EPA – Environmental Protection Agency.

EPA Method – A specific analytical method for testing constituent levels. Descriptions of these methods may be found in the EPA publications *Methods for Chemical Analysis of Water and Wastes* and *Test Methods for Evaluating Solid Waste* and in the *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.

Table 2. Flagging Criteria

<u>Analyte</u>	<u>Unit</u>	<u>Flag 1</u>	<u>Flag 2</u>	<u>Source</u>
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	500	1,000	EPA Method 8240
Acetonitrile (Methyl cyanide)	µg/L	500	1,000	EPA Method 8240
Acetophenone	µg/L	50	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	50	100	EPA Method 8270

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Acrolein	µg/L	100	200	EPA Method 8240
Acrylonitrile	µg/L	100	200	EPA Method 8240
Aldrin	µg/L	0.25	0.5	EPA Method 8080
Alkalinity (as CaCO ₃)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	250	500	EPA Method 8240
Aluminum	µg/L	25	50	Secondary DWS (EPA, 1992c)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	500	1,000	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	3	6	Final DWS (EPA, 1992b)
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final DWS (EPA, 1992a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final DWS (EPA, 1992a)
Barium	µg/L	1,000	2,000	Final DWS (EPA, 1992a)
Benzene	µg/L	2.5	5	Final DWS (EPA, 1992a)
alpha-Benzene hexachloride	µg/L	0.25	0.5	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	250	500	EPA Method 8270
Benzo[a]anthracene	µg/L	0.05	0.1	Proposed DWS (EPA, 1990)
Benzo[b]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzo[k]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
Benzo[g,h,i]perylene	µg/L	50	100	EPA Method 8270
Benzo[a]pyrene	µg/L	0.1	0.2	Final DWS (EPA, 1992b)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	50	100	EPA Method 8270
Beryllium	µg/L	2	4	Final DWS (EPA, 1992b)
Bis(2-chloroethoxy) methane	µg/L	50	100	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate	µg/L	3	6	Final DWS (EPA, 1992b)
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final DWS† (EPA, 1992a)
Bromoform	µg/L	50	100	Final DWS† (EPA, 1992a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Final DWS (EPA, 1992b)
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
Cadmium	µg/L	2.5	5	Final DWS (EPA, 1992a)
Calcium		No flag	No flag	Set by EPD/EMS
Carbon disulfide	µg/L	5	10	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5	Final DWS (EPA, 1992a)
Carbonate		No flag	No flag	Set by EPD/EMS
Chlordane	µg/L	1	2	Final DWS (EPA, 1992a)
Chloride	µg/L	125,000	250,000	Secondary DWS (EPA, 1992c)
4-Chloroaniline	µg/L	50	100	EPA Method 8270

† Based on the drinking water standard for total trihalomethanes.

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

<u>Analyte</u>	<u>Unit</u>	<u>Flag 1</u>	<u>Flag 2</u>	<u>Source</u>
Chlorobenzene	µg/L	50	100	Final DWS (EPA, 1992a)
Chlorobenzilate	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final DWS (EPA, 1992a)
Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
Chloroform	µg/L	50	100	Final DWS† (EPA, 1992a)
4-Chloro-m-cresol	µg/L	50	100	EPA Method 8270
Chloromethane (Methyl chloride)	µg/L	5	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240
2-Chlorophenol	µg/L	50	100	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Chloroprene	µg/L	1,000	2,000	EPA Method 8240
Chromium	µg/L	50	100	Final DWS (EPA, 1992a)
Chrysene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 6010
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	650	1,300	Final DWS (EPA, 1992a)
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	50	100	EPA Method 8270
p-Cresol (4-Methylphenol)	µg/L	50	100	EPA Method 8270
Cyanide	µg/L	100	200	Final DWS (EPA, 1992b)
p,p'-DDD	µg/L	0.5	1	EPA Method 8080
p,p'-DDE	µg/L	0.5	1	EPA Method 8080
p,p'-DDT	µg/L	0.5	1	EPA Method 8080
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[a,h]anthracene	µg/L	0.15	0.3	Proposed DWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final DWS† (EPA, 1992a)
1,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final DWS (EPA, 1992a)
1,2-Dibromoethane	µg/L	0.025	0.05	Final DWS (EPA, 1992a)
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
1,2-Dichlorobenzene	µg/L	300	600	Final DWS (EPA, 1992a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final DWS (EPA, 1992a)
3,3'-Dichlorobenzidine	µg/L	50	100	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	150	300	EPA Method 8240
Dichlorodifluoromethane	µg/L	5	10	EPA Method 8240
1,1-Dichloroethane	µg/L	5	10	EPA Method 8240
1,2-Dichloroethane	µg/L	2.5	5	Final DWS (EPA, 1992a)
cis-1,2-Dichloroethene	µg/L	35	70	Final DWS (EPA, 1992a)
1,1-Dichloroethylene	µg/L	3.5	7	Final DWS (EPA, 1992a)
1,2-Dichloroethylene	µg/L	25	50	Final DWS (EPA, 1992b)
trans-1,2-Dichloroethylene	µg/L	50	100	Final DWS (EPA, 1992a)
Dichloromethane (Methylene chloride)	µg/L	2.5	5	Final DWS (EPA, 1992b)

† Based on the drinking water standards for total trihalomethanes.

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
2,4-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,6-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	35	70	Final DWS (EPA, 1992a)
1,2-Dichloropropane	µg/L	2.5	5	Final DWS (EPA, 1992a)
cis-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
Dieldrin	µg/L	2.5	5	EPA Method 8080
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	50	100	EPA Method 8270
p-Dimethylaminoazobenzene	µg/L	50	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[a]anthracene	µg/L	50	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	50	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	50	100	EPA Method 8270
2,4-Dimethyl phenol	µg/L	50	100	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
1,3-Dinitrobenzene	µg/L	50	100	EPA Method 8270
2,4-Dinitrophenol	µg/L	250	500	EPA Method 8270
2,4-Dinitrotoluene	µg/L	50	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	50	100	EPA Method 8270
1,4-Dioxane	µg/L	50	100	EPA Method 8270
Diphenylamine	µg/L	50	100	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	50	100	EPA Method 8270
Dissolved organic carbon	µg/L	5,000	10,000	EPA Method 9060
Disulfoton	µg/L	50	100	EPA Method 8270
Eh		No flag	No flag	Set by EPD/EMS
alpha-Endosulfan	µg/L	50	100	EPA Method 8270
beta-Endosulfan	µg/L	50	100	EPA Method 8270
Endosulfan I	µg/L	0.5	1	EPA Method 8080
Endosulfan II	µg/L	0.5	1	EPA Method 8080
Endosulfan sulfate	µg/L	0.5	1	EPA Method 8080
Endrin	µg/L	1	2	Final DWS (EPA, 1992b)
Endrin aldehyde	µg/L	0.5	1	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Ethylbenzene	µg/L	350	700	Final DWS (EPA, 1992a)
Famphur	µg/L	50	100	EPA Method 8270
Fluoranthene	µg/L	50	100	EPA Method 8270
Fluorene	µg/L	50	100	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final DWS (EPA, 1992a)
Heptachlor	µg/L	0.2	0.4	Final DWS (EPA, 1992a)
Heptachlor epoxide	µg/L	0.1	0.2	Final DWS (EPA, 1992a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-HPCDD	µg/L	0.00325	0.0065	EPA Method 8280
Heptachlorodibenzo-p-furan isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,6,7,8-HPCDF	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Final DWS (EPA, 1992b)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final DWS (EPA, 1992b)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

<u>Analyte</u>	<u>Unit</u>	<u>Flag 1</u>	<u>Flag 2</u>	<u>Source</u>
1,2,3,4,7,8-HxCDD	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,2,3,4,7,8-HxCDF	µg/L	0.002	0.004	EPA Method 8280
Hexachloroethane	µg/L	50	100	EPA Method 8270
Hexachlorophene	µg/L	250	500	EPA Method 8270
Hexachloropropene	µg/L	50	100	EPA Method 8270
2-Hexanone	µg/L	50	100	EPA Method 8240
Indeno[1,2,3-c,d]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	250	500	APIHA Method 415A
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	Secondary DWS (EPA, 1992c)
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270
Isophorone	µg/L	50	100	EPA Method 8270
Isosafrole	µg/L	50	100	EPA Method 8270
Kepone	µg/L	50	100	EPA Method 8270
Lead	µg/L	7.5	15	Final DWS (EPA, 1992a)
Lindane	µg/L	0.1	0.2	Final DWS (EPA, 1992a)
Lithium	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	Secondary DWS (EPA, 1992c)
Mercury	µg/L	1	2	Final DWS (EPA, 1992a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	20	40	Final DWS (EPA, 1992a)
3-Methylcholanthrene	µg/L	50	100	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	250	500	EPA Method 8270
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	50	100	EPA Method 8270
2-Methylnaphthalene	µg/L	50	100	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	50	100	EPA Method 8270
1,4-Naphthoquinone	µg/L	50	100	EPA Method 8270
1-Naphthylamine	µg/L	50	100	EPA Method 8270
2-Naphthylamine	µg/L	50	100	EPA Method 8270
Nickel	µg/L	50	100	Final DWS (EPA, 1992b)
Nitrate as nitrogen	µg/L	5,000	10,000	Final DWS (EPA, 1992a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final DWS (EPA, 1992a)
Nitrite as nitrogen	µg/L	500	1,000	Final DWS (EPA, 1992a)
2-Nitroaniline	µg/L	50	100	EPA Method 8270
3-Nitroaniline	µg/L	50	100	EPA Method 8270
4-Nitroaniline	µg/L	50	100	EPA Method 8270
Nitrobenzene	µg/L	50	100	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2
2-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	50	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodimethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	50	100	EPA Method 8270

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
N-Nitrosodipropylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	50	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	50	100	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	50	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	50	100	EPA Method 8270
Octachlorodibenzo-p-dioxin isomers	µg/L	0.005	0.01	EPA Method 8280
Octachlorodibenzo-p-furan isomers	µg/L	0.005	0.01	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS
Oil & Grease	µg/L	5,000	10,000	EPA Method 413.1
Parathion	µg/L	0.25	0.5	EPA Method 8080
Parathion methyl	µg/L	0.25	0.5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1221	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1232	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1242	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1248	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1254	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1260	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
PCB 1262	µg/L	0.25	0.5	Final DWS (EPA, 1992a)
Pentachlorobenzene	µg/L	50	100	EPA Method 8270
Pentachlorodibenzo-p-dioxin isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-PCDD	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorodibenzo-p-furan isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-PCDF	µg/L	0.00275	0.0055	EPA Method 8280
Pentachloroethane	µg/L	50	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	50	100	EPA Method 8270
Pentachlorophenol	µg/L	0.5	1	Final DWS (EPA, 1992a)
pH	pH	8	10	Set by EPD/EMS*
pH	pH	4	3	Set by EPD/EMS*
Phenacetin	µg/L	50	100	EPA Method 8270
Phenanthrene	µg/L	50	100	EPA Method 8270
Phenol	µg/L	50	100	EPA Method 8270
Phenols	µg/L	25	50	EPA Method 420.1
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	0.5	1	EPA Method 8080
2-Picoline	µg/L	50	100	EPA Method 8270
Potassium		No flag	No flag	Set by EPD/EMS
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final DWS (EPA, 1992a)
Silica		No flag	No flag	Set by EPD/EMS
Silica, total	µg/L	500	1,000	EPA Method 6010
Silver	µg/L	50	100	Secondary DWS (EPA, 1992c)
Sodium		No flag	No flag	Set by EPD/EMS
Specific conductance	µS/cm	250	500	Set by EPD/EMS*
Styrene	µg/L	50	100	Final DWS (EPA, 1992a)

* Will not trigger scheduling.

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

<u>Analyte</u>	<u>Unit</u>	<u>Flag 1</u>	<u>Flag 2</u>	<u>Source</u>
Sulfate	µg/L	200,000	400,000	Proposed DWS (EPA, 1990)
Sulfide	µg/L	5,000	10,000	EPA Method 9030
Sulfotep	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,3,7,8-TCDD	µg/L	0.000015	0.00003	Final DWS (EPA, 1992b)
2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
1,2,4,5-Tetrachlorobenzene	µg/L	50	100	EPA Method 8270
Tetrachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
Tetrachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5	Final DWS (EPA, 1992a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 8270
Tetraethyl dithiopyrophosphate	µg/L	50	100	EPA Method 8270
Thallium	µg/L	1	2	Final DWS (EPA, 1992b)
Thionazin	µg/L	50	100	EPA Method 8270
Tin	µg/L	10	20	EPA Method 282.2
Toluene	µg/L	500	1,000	Final DWS (EPA, 1992a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
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	5,000	10,000	EPA Method 9060
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	APHA Method 420
Total petroleum hydrocarbons	µg/L	5,000	10,000	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	Final DWS (EPA, 1992a)
2,4,5-TP (Silvex)	µg/L	25	50	Final DWS (EPA, 1992a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	35	70	Final DWS (EPA, 1992b)
1,1,1-Trichloroethane	µg/L	100	200	Final DWS (EPA, 1992a)
1,1,2-Trichloroethane	µg/L	2.5	5	Final DWS (EPA, 1992b)
Trichloroethylene	µg/L	2.5	5	Final DWS (EPA, 1992a)
Trichlorofluoromethane	µg/L	5	10	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,5-Trichlorophenoxyacetic acid	µg/L	2.5	5	EPA Method 8150
1,2,3-Trichloropropane	µg/L	5	10	EPA Method 8240
O,O,O-Triethyl phosphorothioate	µg/L	50	100	EPA Method 8270
1,3,5-Trinitrobenzene	µg/L	50	100	EPA Method 8270
Turbidity		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed DWS (EPA, 1991b)
Vanadium	µg/L	40	80	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240
Xylenes	µg/L	5,000	10,000	Final DWS (EPA, 1992a)
Zinc	µg/L	2,500	5,000	Secondary DWS (EPA, 1992c)
Americium-241	µCi/mL	3.17E-09	6.34E-09	Proposed DWS (EPA, 1991b)
Americium-243	µCi/mL	3.19E-09	6.37E-09	Proposed DWS (EPA, 1991b)

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Antimony-125	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Barium-140	μCi/mL	4.5E-08	9E-08	Final DWS (EPA, 1977)
Beryllium-7	μCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Carbon-14	μCi/mL	1E-06	2E-06	Final DWS (EPA, 1977)
Cerium-141	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Cerium-144	μCi/mL	1.31E-07	2.61E-07	Proposed DWS (EPA, 1991b)
Cesium-134	μCi/mL	4.07E-08	8.13E-08	Proposed DWS (EPA, 1991b)*
Cesium-137	μCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Chromium-51	μCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Cobalt-57	μCi/mL	5E-07	1E-06	Final DWS (EPA, 1977)
Cobalt-58	μCi/mL	4.5E-06	9E-06	Final DWS (EPA, 1977)
Cobalt-60	μCi/mL	5E-08	1E-07	Final DWS (EPA, 1977)
Curium-242	μCi/mL	6.65E-08	1.33E-07	Proposed DWS (EPA, 1991b)
Curium-243	μCi/mL	4.15E-09	8.3E-09	Proposed DWS (EPA, 1991b)
Curium-243/244	μCi/mL	4.15E-09	8.3E-09	Proposed DWS (EPA, 1991b)**
Curium-244	μCi/mL	4.92E-09	9.84E-09	Proposed DWS (EPA, 1991b)
Curium-245/246	μCi/mL	3.12E-09	6.23E-09	Proposed DWS (EPA, 1991b)**
Curium-246	μCi/mL	3.14E-09	6.27E-09	Proposed DWS (EPA, 1991b)
Europium-152	μCi/mL	3E-08	6E-08	Final DWS (EPA, 1977)
Europium-154	μCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Europium-155	μCi/mL	3E-07	6E-07	Final DWS (EPA, 1977)
Gross alpha	μCi/mL	7.5E-09	1.5E-08	Final DWS (EPA, 1992a)
Iodine-129	μCi/mL	5E-10	1E-09	Final DWS (EPA, 1977)
Iodine-131	μCi/mL	1.5E-09	3E-09	Final DWS (EPA, 1977)
Iron-55	μCi/mL	1E-06	2E-06	Final DWS (EPA, 1977)
Iron-59	μCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Lanthanum-140	μCi/mL	3E-08	6E-08	Final DWS (EPA, 1977)
Manganese-54	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Neptunium-237	μCi/mL	3.53E-09	7.06E-09	Proposed DWS (EPA, 1991b)
Nickel-59	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Nickel-63	μCi/mL	2.5E-08	5E-08	Final DWS (EPA, 1977)
Niobium-95	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Nonvolatile beta	μCi/mL	2.5E-08	5E-08	Proposed DWS (EPA, 1986a)
Plutonium-238	μCi/mL	3.51E-09	7.02E-09	Proposed DWS (EPA, 1991b)
Plutonium-239	μCi/mL	3.11E-08	6.21E-08	Proposed DWS (EPA, 1991b)
Plutonium-239/240	μCi/mL	3.11E-08	6.21E-08	Proposed DWS (EPA, 1991b)**
Plutonium-240	μCi/mL	3.11E-08	6.22E-08	Proposed DWS (EPA, 1991b)
Plutonium-241	μCi/mL	3.13E-08	6.26E-08	Proposed DWS (EPA, 1991b)
Plutonium-242	μCi/mL	3.27E-08	6.54E-08	Proposed DWS (EPA, 1991b)
Potassium-40	μCi/mL	1.5E-07	3E-07	Proposed DWS (EPA, 1986a)
Radium (alpha-emitting)	μCi/mL	1E-08	2E-08	Proposed DWS (EPA, 1991b)
Radium-226	μCi/mL	1E-08	2E-08	Proposed DWS (EPA, 1991b)
Radium-228	μCi/mL	1E-08	2E-08	Proposed DWS (EPA, 1991b)
Radon-222	μCi/mL	1.5E-07	3E-07	Proposed DWS (EPA, 1991b)
Ruthenium-103	μCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Ruthenium-106	μCi/mL	1.5E-08	3E-08	Final DWS (EPA, 1977)
Sodium-22	μCi/mL	2.33E-07	4.66E-07	Proposed DWS (EPA, 1991b)
Strontium-89	μCi/mL	1E-08	2E-08	Final DWS (EPA, 1977)

* EPD/EMS set this flagging criteria using the 1991 proposed DWS because the final DWS in 1977 may have been in error.

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

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

<u>Analyte</u>	<u>Unit</u>	<u>Flag 1</u>	<u>Flag 2</u>	<u>Source</u>
Strontium-89/90	μCi/mL	4E-09	8E-09	Final DWS (EPA, 1992a)**
Strontium-90	μCi/mL	4E-09	8E-09	Final DWS (EPA, 1992a)
Technetium-99	μCi/mL	4.5E-07	9E-07	Final DWS (EPA, 1977)
Thorium-228	μCi/mL	6.25E-08	1.25E-07	Proposed DWS (EPA, 1991b)
Thorium-230	μCi/mL	3.96E-08	7.92E-08	Proposed DWS (EPA, 1991b)
Thorium-232	μCi/mL	4.4E-08	8.8E-08	Proposed DWS (EPA, 1991b)
Thorium-234	μCi/mL	2E-07	4.01E-07	Proposed DWS (EPA, 1991b)*
Tin-113	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Tritium	μCi/mL	1E-05	2E-05	Final DWS (EPA, 1992a)
Uranium alpha activity	μCi/mL	1.5E-08	3E-08	Proposed DWS (EPA, 1991b)
Uranium-233/234	μCi/mL	6.9E-09	1.38E-08	Proposed DWS (EPA, 1991b)**
Uranium-234	μCi/mL	6.95E-09	1.39E-08	Proposed DWS (EPA, 1991b)
Uranium-235	μCi/mL	7.25E-09	1.45E-08	Proposed DWS (EPA, 1991b)
Uranium-238	μCi/mL	7.3E-09	1.46E-08	Proposed DWS (EPA, 1991b)
Zinc-65	μCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Zirconium-95	μCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Zirconium/Niobium-95	μCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)**

* Will not trigger scheduling.

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

NOTES

5. SAMPLE SCHEDULING

Scheduling of sampling and analyses for the SRS Groundwater Monitoring Program conducted by EPD/EMS is determined by several factors. Comprehensive analyses (see table 4) are 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 1993 Sampling Schedule*.

A breakdown by laboratory of the total number of analyses performed for first quarter 1993 is shown in table 3.

Table 3. Number of Analyses Performed During First Quarter 1993

<u>Laboratory</u>	<u># of Analyses</u>
Clemson Technical Center, Inc.	10,627
Environmental Physics, Inc.	8,333
EPD/EMS Laboratory	238
General Engineering Laboratories	136,251
Spencer Testing Services, Inc.	20
Teledyne Isotopes	39
TMA/Eberline	2,912
Roy F. Weston, Inc.	47,274

COMPREHENSIVE ANALYSES

New wells are scheduled initially for four quarters of comprehensive analyses, although the herbicide/pesticide suite is scheduled only during the first of the four quarters. Comprehensive analyses include indicator parameters, groundwater quality characteristics, and some drinking water characteristics. After the initial four quarters of analyses for new wells, comprehensive analyses including herbicides/pesticides are scheduled once every two years.

Table 4. Comprehensive-Analyses Constituents

Aluminum
Arsenic
Barium
Cadmium
Chloride
Chromium
Fluoride
Herbicides/pesticides (suite)
2,4-Dichlorophenoxyacetic acid
Endrin
Lindane
Methoxychlor
Toxaphene
2,4,5-TP (Silvex)
Iron
Lead
Major ions (suite)
Alkalinity (field measurement)
Calcium
Magnesium
Potassium
Silica
Manganese
Mercury
Nitrate as nitrogen
pH
Phenols
Selenium
Silver
Sodium
Specific conductance
Sulfate
Total dissolved solids
Total organic carbon
Total organic halogens
Total phosphates (as P)
Gross alpha
Nonvolatile beta
Total radium (total alpha-emitting radium may be substituted)
Tritium

SAMPLE SCHEDULING

Scheduling Based on Flagging Levels

Beginning first quarter 1992, only the flagging criteria for comprehensive and herbicide/pesticide analyses are used to trigger scheduling. Wells are grouped for scheduling by the 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.

Constituents classified as Flag 0 in each well series are scheduled for analyses only by custodian request or as part of the biennial comprehensive analysis program. If an analytical result for a constituent of comprehensive analyses or herbicides/pesticides in any well exceeds Flag 1, all wells in the same scheduling series are sampled and analyzed for that constituent once a year. If a constituent falls below Flag 1 for three consecutive sampling episodes, the individual well's flag is reduced from Flag 1 status to Flag 0 status and the flagging-based sampling ceases.

If an analytical result for a comprehensive-analyses constituent or a herbicides/pesticides constituent exceeds Flag 2, all wells in the same scheduling series are sampled and analyzed for that constituent twice a year. If a constituent falls below Flag 2 for three consecutive sampling episodes, 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 comprehensive-analyses constituent or a herbicides/pesticides constituent has ever been flagged in a well series, it is automatically flagged for all new wells of that series. For removal from a new well, a constituent's flag must follow the rules referred to above.

The following constituents, although included in comprehensive analyses, do not receive flagging-based scheduling:

- Two indicator constituents, specific conductance and pH, have flagging criteria but do not trigger the scheduling mechanism.
- No flags are set for the following indicator parameters and major cations: sodium, total dissolved solids, potassium, calcium, magnesium, silica, total phosphates (as P), and alkalinity (as CaCO₃).

When more than one of the six constituents of the herbicide/pesticide suite of comprehensives is flagged, the entire suite is flagged for analysis. Otherwise, only the flagged constituent is scheduled.

GCMS VOA ANALYSES

All total organic halogens (TOX) results are reviewed twice a year. GCMS VOA analysis is scheduled once for individual wells that have had two results for TOX greater than 10 µg/L (excluding the first TOX 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 the analyses 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 analyses has been made in the current laboratory contract, the analyses are 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 for the Resource Conservation and Recovery Act (RCRA), are scheduled by request.

SAMPLE SCHEDULING

PURGE-WATER CONTAINMENT PROGRAM

Beginning in 1991, a purge-water containment program was partially implemented to containerize and properly dispose of the water purged from certain wells before sampling. However, pending full implementation of this program, the following wells that were scheduled for

analyses as part of the Groundwater Monitoring Program during first quarter were not sampled: BGO 26A, BGO 37C, CRP 1, CRP 3, CSB 2A, CSB 6A, DCB 1A, LFW 7, P 28TC, TBG 3, TBG 4, TBG 5, and TBG 6.

Only water level measurements were taken from the above wells.

NOTES

6. FIELD NOTES

A well may be visited by a sampler to collect samples (including field data), to collect field data only, and to measure depth to water only. A well may be visited multiple times during a quarter for any combination of these reasons. Field measurements generally include total alkalinity, pH, water temperature, specific conductance, air temperature, turbidity, flow rate, depth to water prior to pumping, and volume of water purged prior to sampling.

Well visitations were performed by EPD/EMS personnel and Ge-Hy Environmental Sampling of New Ellenton, SC. Each sampler maintained a field notebook. These notebooks are located in the first quarter 1993 section of the EPD/EMS Groundwater Monitoring Library. All well visitations were routine during the first quarter of 1993, except as indicated in table 5. The

table includes samplers' comments on conditions that may affect the samples or the data collection process. All wells were pumped except those from the following series, which were bailed: the F series; the FAC series except FAC 4 and 5P; the FTF series except FTF 1, 2, 9, 10, 11, and 14; the HTF series; the MGC series except MGC 11; the MGE series except MGE 30; the MGG series except MGG 28; the RSA series except RSA 6; the RSB series; the RSC series except RSC 1; the RSD series except RSD 7; the RSE series except RSE 3A and 12; the SSS series except SSS 9; and the ZW series. The following individual wells also were bailed, although the other wells in the series were pumped: BG 52, 54, 55, 59, 60, 61, 67, and 121; CSD 1D; FCA 1N, 2C, 2D, 10A, 10C, 10D, 16A, 16B, and 16D; IDP 4; K 301P; MSB 15C, 16C, 44C, and 46C; SCA 3A and 4A; and ZBG 1A.

Figure 3. Two Types of Groundwater Monitoring Wellheads

FIELD NOTES

Among Z series wells, only well Z 9 has a casing large enough to allow sampling. Well Z 3 has a bailer stuck in it. All other Z wells, except for Z 20B, (which is large enough to sample, but receives water level measurements only) have very narrow casings (~.75 in.), making bailing impractical. If any Z wells other than Z 9 are scheduled, only water elevation measurements are taken.

If a well runs dry during purging and the well 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, the volume purged before the well went dry during the first visitation is given in this section. The total amount of water purged from each well in one sampling event is given in the **Analytical Results** section.

Comments about dry wells and continuously pumping wells also can be found in the **Analytical Results** section.

Table 5. Comments from the Field Data

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
ABP Series			BG Series		
ABP 1A	01/23/93	Pump has been removed and not replaced, unable to sample	BG 67	01/26/93	Turbidity >1,000 NTU
ABP 8C	01/23/93	Dry after ~3.3 gal	BG 91	02/24/93	Dry after ~14 gal
AC Series			BG 92	02/24/93	Dry after ~15 gal
AC 3A	01/20/93	Aerated		02/25/93	Aerated
ACB Series			BG 93	02/12/93	Flowmeter not working, estimated flow rate and volume purged
ACB 2A	01/01/93	Aerated	BG 104	02/24/93	Dry after ~7 gal
AMB Series				02/25/93	No water in standpipe
AMB 4D	02/13/93	Dry after 10 gal	BG 107	02/12/93	Turbidity varied; brown
	02/14/93	Tan	BG 108	02/12/93	Gray
AMB 5	02/13/93	Dry after 12 gal	BG 110	01/16/93	Dry after 35 gal
	02/14/93	Tan	BG 121	02/24/93	Dry after ~7 gal
AMB 6	02/13/93	Dry after ~1 gal		02/25/93	Brown
	02/14/93	Tan	BGO Series		
AMB 7	02/13/93	Dry after 8 gal	BGO 1D	01/16/93	Dry after 8 gal
AMB 10A	02/13/93	Dry after 66 gal		01/17/93	Tan
AMB 13AR	02/13/93	Dry after 64 gal	BGO 2D	02/10/93	Dry after ~12 gal
AOB Series				02/11/93	Aerated; turbidity varied; brown
AOB 3	11/22/93	Dry after 8 gal	BGO 3D	02/10/93	Dry after ~4.5 gal
ASB Series				02/11/93	Aerated; turbidity varied; light brown
ASB 1A	02/09/93	No water in standpipe	BGO 4D	02/10/93	No access, unable to sample
ASB 6TA	01/28/93	Dry after 35 gal	BGO 5C	02/10/93	Dry after ~16 gal
				02/11/93	Turbidity varied; brown
			BGO 5D	02/10/93	Dry after ~5 gal
			BGO 6B	02/01/93	Dry after ~38 gal
				02/02/93	No well identification sign; aerated
			BGO 6D	02/01/93	Dry after ~6 gal
			BGO 8AR	02/03/93	No well identification sign

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
BGO 8C	02/01/93	No well identification sign; a rated	BGO 25A	02/03/93	Dry after ~ 20 gal
BGO 8D	02/01/93	No well identification sign	BGO 26D	02/03/93	Dry after ~ 8.5 gal
BGO 9AA	02/01/93	Dry after ~ 40.5 gal		02/04/93	Aerated
	02/02/93	No well identification sign	BGO 27D	02/03/93	Dry after ~ 12 gal
BGO 9D	02/10/93	Well pad covered and surrounded with water and mud, unable to sample	BGO 28D	02/03/93	Dry after ~ 8.5 gal
	03/27/93	Well pad submerged in water		02/04/93	Turbidity varied; light brown
BGO 10B	02/01/93	Dry after ~ 44 gal	BGO 29A	02/04/93	Dry after ~ 39 gal
	02/02/93	No well identification sign	BGO 29C	02/04/93	Dry after ~ 26.5 gal
BGO 10C	02/01/93	Dry after ~ 36 gal	BGO 29D	02/04/93	Dry after ~ 9.5 gal
	02/02/93	Aerated		02/05/93	Turbidity varied; light brown
BGO 10DR	02/01/93	Dry after ~ 5 gal	BGO 30C	02/08/93	Dry after ~ 24 gal
	02/02/93	No well identification sign; aerated		02/09/93	Turbidity varied; brown
BGO 12AR	02/02/93	No well identification sign	BGO 30D	02/08/93	Dry after ~ 11.5 gal
BGO 12CR	02/02/93	Dry after ~ 40 gal	BGO 31C	02/08/93	Dry after ~ 29 gal
	02/03/93	No well identification sign	BGO 31D	02/08/93	Dry after ~ 9.5 gal
BGO 12D	02/02/93	Dry after ~ 8 gal		02/09/93	Aerated; turbidity varied; light brown
BGO 13DR	02/08/93	Dry after ~ 8 gal	BGO 32D	02/08/93	Dry after ~ 6.7 gal
	02/09/93	No well identification sign; turbidity varied; light brown		02/09/93	Aerated; turbidity varied; light brown
BGO 14AR	02/04/93	No well identification sign	BGO 33D	02/08/93	Dry after ~ 11 gal
BGO 14CR	02/03/93	Dry after ~ 14 gal		02/09/93	Light brown
	02/04/93	No well identification sign; aerated	BGO 34D	02/08/93	Dry after ~ 13.5 gal
BGO 14DR	02/04/93	No well identification sign	BGO 35D	02/08/93	Dry after ~ 9 gal
BGO 16AR	01/26/93	No well identification sign or markings		02/09/93	Aerated; turbidity varied; light brown
BGO 16B	01/26/93	Dry after ~ 44 gal	BGO 36D	01/16/93	Dry after 9 gal
	01/27/93	No well identification sign or markings		01/17/93	Light brown
BGO 16D	01/26/93	Dry after ~ 4 gal	BGO 37D	01/16/93	Dry after 8 gal
	01/27/93	Aerated		01/17/93	Brown
BGO 17DR	01/26/93	Dry after ~ 9 gal	BGO 38D	01/16/93	Dry after 7.5 gal
	01/27/93	Turbidity varied; brown to clear		01/17/93	Tan
BGO 19D	01/26/93	No access, well located down in a hole, unable to sample	BGO 39D	01/16/93	Dry after 6 gal
BGO 20D	01/26/93	Dry after ~ 8 gal		01/17/93	Brown
	01/27/93	Aerated	BGO 40D	02/04/93	Dry after ~ 2 gal
BGO 21D	01/26/93	Dry after ~ 8 gal	BGO 41A	02/04/93	Dry after ~ 20.5 gal
	01/27/93	Turbidity varied; very light brown to clear	BGO 42C	02/04/93	Dry after ~ 15 gal
BGO 22DR	01/26/93	Dry after ~ 13 gal		02/05/93	Aerated
	01/27/93	No well identification sign or markings; aerated; turbidity varied; brown	BGO 43A	02/04/93	Dry after ~ 21 gal
BGO 24D	01/27/93	Dry after ~ 7 gal	BGO 43CR	02/04/93	Dry after ~ 19 gal
			BGO 44B	02/10/93	Dry after ~ 35 gal
				02/11/93	Aerated; turbidity varied; light brown
			BGO 44C	02/10/93	Dry after ~ 17 gal
			BGO 45B	02/08/93	Dry after ~ 41 gal
				02/09/93	No well identification sign
			BGO 45C	02/08/93	Dry after ~ 18 gal
			BGO 46B	02/11/93	No well identification sign
			BGO 46C	02/09/93	Dry after ~ 27 gal
				02/10/93	No well identification sign
			BGO 46D	02/10/93	No well identification sign

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
BGO 49D	02/08/93	Dry after ~ 10 gal	CCB 3	03/02/93	Flowmeter sticks, estimated volume purged
BGO 50A	02/09/93	Aerated	CDB Series		
	02/10/93	Dry after ~ 34.5 gal	CDB 1	03/02/93	Dry after 15 gal; cannot read 100 digit on flowmeter
BGO 50C	02/09/93	Dry after ~ 34 gal	CDB 2	03/02/93	Dry after 12 gal
	02/10/93	No well identification sign	CMP Series		
BGO 50D	02/10/93	No well identification sign	CMP 11	02/25/93	Dry after ~ 15 gal
BGX Series			CMP 12	02/25/93	Dry after ~ 15 gal
BGX 1A	02/16/93	Dry after ~ 11 gal	CMP 13	02/25/93	Dry after ~ 7 gal
	02/17/93	No well identification sign	CMP 15B	03/01/93	Dry after ~ 21 gal
BGX 1C	02/16/93	Dry after ~ 13.5 gal	CMP 15C	03/01/93	Dry after ~ 10 gal
	02/17/93	No well identification sign	CMP 16C	03/01/93	Pump has been removed and not replaced, unable to sample
BGX 1D	02/16/93	Dry after ~ 6.5 gal	CSB Series		
	02/17/93	No well identification sign; aerated	CSB 1A	03/02/93	Dry after 10 gal
BGX 2B	02/16/93	Dry after ~ 45 gal	CSB 3A	03/02/93	Dry after 18 gal; pink
	02/17/93	Aerated	CSB 5A	03/02/93	Dry after 9 gal; pink
BGX 2D	02/16/93	Dry after ~ 19 gal	CSD Series		
	02/17/93	Aerated	CSD 1D	03/06/93	Dirty white
BGX 7D	02/17/93	No access, unable to sample	CSD 2D	03/04/93	Dry after 1.5 gal
BGX 10D	02/14/93	Dry after ~ 2 gal	CSD 4D	03/04/93	Dry after 18 gal
	02/15/93	Turbidity varied; brown	CSD 11D	03/04/93	Dry after 10 gal
BGX 11D	02/14/93	Dry after ~ 8 gal	CSR Series		
	02/15/93	Turbidity varied; brown	CSR 2	03/03/93	Dry after 42 gal
BGX 12D	02/14/93	Dry after ~ 5.5 gal	D3P Series		
BRD Series			DBP 4	03/19/93	Flowing stream on two sides of well with ~ 1 in. of water on top of well pad
BRD 1	03/08/93	Aerated	DBP 5	03/19/93	Well not yet installed, unable to sample
BRD 3	03/08/93	Dry after 7.5 gal; brown	DCB Series		
BRR Series			DCB 4A	03/19/93	Flowmeter not working, estimated volume purged
BRR 1D	03/06/93	Dry after 8 gal	DCB 11	03/19/93	Dry after 12 gal
	03/07/93	Tan	DCB 13	03/19/93	Dry after 9 gal; brown
BRR 2D	03/06/93	Dry after 9 gal	DCB 15	03/19/93	Dry after 9 gal; unable to open lock to measure water level
BRR 3D	03/06/93	Dry after 8 gal			
	03/07/93	Tan			
BRR 4D	03/06/93	Dry after 9 gal			
	03/07/93	Tan			
BRR 5D	03/06/93	Dry after 6.2 gal			
CBR Series					
CBR 1D	03/02/93	Dry after 13 gal			
CCB Series					
CCB 1	03/02/93	Aerated			
CCB 2	03/02/93	Aerated			

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
DCB 16	03/19/93	Dry after 7.5 gal	FCA 10A	03/15/93	Dry after ~ 11 gal
DOB Series				03/16/93	No well identification sign; turbidity varied; brown
DOB 1	01/27/93	Aerated	FCA 10B	03/15/93	No well identification sign
F Series			FCA 10C	03/15/93	Dry after ~ 3 gal
F 14	03/10/93	Turbidity > 1,000 NTU; orange		03/16/93	Turbidity varied; light brown
F 15	03/11/93	Brown	FCA 10D	03/15/93	Dry after ~ 1.25 gal
F 16	03/11/93	Turbidity > 1,000 NTU; orange		03/16/93	Turbidity varied; brown
F 17	03/11/93	Dry after ~ 4 gal; brown	FCA 16A	03/15/93	Dry after ~ 8 gal
F 25	03/11/93	Brown		03/16/93	Turbidity varied; brown
FAC Series			FCA 16B	03/15/93	Dry after ~ 2.5 gal
FAC 3	02/23/93	Turbidity varied; brown		03/16/93	No well identification sign; turbidity varied; light brown
FAC 5	02/22/93	Dry after 18 gal	FCA 16D	03/15/93	Dry after ~ 1 gal
FAC 5P	02/23/93	No well identification sign		03/16/93	No well identification sign; turbidity varied; brown
FAC 6	02/22/93	Dry after ~ 11.5 gal	FCA 16T	03/15/93	No well identification sign
FAC 7	02/23/93	Turbidity varied; brown	FCA 19D	03/17/93	Dry after ~ 5.5 gal
FAC 8	02/22/93	Turbidity varied; light brown		03/18/93	No well identification sign
FAL Series			FCB Series		
FAL 1	03/17/93	Dry after ~ 9.5 gal	FCB 4	03/17/93	Dry after ~ 15 gal
FAL 2	03/17/93	Dry after ~ 4 gal	FCB 5	03/11/93	Dry after ~ 4 gal
	03/18/93	Turbidity varied; brown	FCB 6	03/11/93	Dry after ~ 1.4 gal
FBP Series			FET Series		
FBP 2A	03/20/93	Leaks over sample nipple and directly into sample	FET 1D	03/11/93	Dry after ~ 8 gal
FBP 4	03/20/93	Leaks over sample nipple and directly into sample	FNB Series		
FCA Series			FNB 2	03/14/93	Flowmeter did not register properly
FCA 1N	03/15/93	Dry after ~ .6 gal	FSB Series		
	03/16/93	Turbidity varied; light brown	FSB 1TA	02/18/93	No flowmeter, estimated volume purged; no water-level access pipe
FCA 2C	03/15/93	Dry after ~ 1.5 gal	FSB 76	02/11/93	Flowmeter not connected, estimated volume purged
	03/18/93	Turbidity > 1,000 NTU; brown	FSB 78B	02/18/93	Flowmeter stuck during purging
FCA 2D	03/15/93	Dry after ~ 5.5 gal	FSB 87C	02/16/93	Aerated
	03/16/93	Turbidity varied; brown	FSB 91C	02/20/93	Dry after 33 gal
FCA 9C	03/15/93	Trash in well prevents access, unable to sample	FSB 92C	02/19/93	Pump missing, unable to sample
			FSB 93D	02/18/93	Dry after 8 gal
			FSB 94C	02/20/93	Dry after 27 gal
				02/21/93	Yellow

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
FSB 97C	02/20/93	Dry after 39 gal	FSS 4D	02/18/93	Dry after ~ 11.5 gal
FSB 97D	02/20/93	Dry after 10 gal		02/19/93	Aerated; turbidity varied; brown
FSB 98C	02/21/93	Well being renovated, raising pad, unable to sample	FTF Series		
FSB 98D	02/21/93	Well being renovated, raising pad, unable to sample	FTF 6	02/18/93	Turbidity > 1,000 NTU
	03/10/93	Flowmeter did not work, estimated volume purged	FTF 8	02/19/93	Turbidity > 1,000 NTU
FSB106D	02/24/93	Dry after 2 gal	FTF 27	02/17/93	Turbidity > 1,000 NTU
	02/25/93	Brown	GBW Series		
FSB108D	01/11/93	Dry after 7 gal	GBW 1	03/19/93	Dry after 14 gal
	01/12/93	Aerated; tan	HAC Series		
	02/24/93	Dry after 5 gal	HAC 2	02/17/93	Dry after ~ 6 gal
	03/10/93	Dry after 9 gal		02/18/93	Aerated
FSB109D	02/24/93	Dry after 6 gal	HAC 3	02/18/93	Dry after ~ 9 gal
FSB113C	02/18/93	Dry after 26 gal	HCA Series		
FSB115C	02/18/93	Dry after 11 gal	HCA 1	02/17/93	Dry after ~ 15 gal
FSB115D	02/18/93	Dry after 5 gal	HCA 3	02/17/93	Dry after ~ 12 gal
	02/19/93	Turbidity varied; light brown		02/18/93	Aerated
FSB116C	02/19/93	Aerated	HCA 4	02/17/93	Dry after ~ 21 gal
FSB116D	02/18/93	Dry after 2.5 gal		02/18/93	Aerated
	02/19/93	Orange brown	HCB Series		
FSB119D	02/24/93	Dry after 9 gal	HCB 4	03/02/93	Pump would not start, unable to sample
	02/25/93	Brown		03/07/93	Aerated
FSB120D	02/24/93	Dry after 8.5 gal	HET Series		
FSB121DR	02/24/93	Dry after 9 gal	HET 1D	01/30/93	Dry after 16 gal
	02/25/93	Tan	HET 2D	01/30/93	Dry after 11 gal
FSL Series			HET 3D	01/30/93	Dry after 12 gal
FSL 2D	03/17/93	Dry after 10 gal	HET 4D	01/30/93	Dry after ~ 10 gal
	03/18/93	Brown		01/31/93	Flowmeter not working properly, estimated volume purged
FSL 3D	03/17/93	Dry after 16 gal	HMD Series		
	03/18/93	Flowmeter not working properly; brown	HMD 1D	02/18/93	Dry after ~ 4 gal
FSL 4D	03/21/93	Dry after ~ 2.5 gal; brown		02/19/93	Turbidity varied; clear to brown
FSL 7D	03/14/93	Flowmeter not working, estimated volume purged	HMD 4D	02/18/93	Dry after ~ 6 gal
FSS Series				02/19/93	Turbidity varied; light brown
FSS 1D	02/18/93	Dry after ~ 8 gal			
	02/19/93	Aerated; light brown			
FSS 2D	02/18/93	Dry after ~ 11 gal			
	02/19/93	Light brown			
FSS 3D	02/18/93	Dry after ~ 9 gal			
	02/19/93	Aerated; turbidity varied; light brown			

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
HR3 Series			HSB131D	01/19/93	Pump has been removed and not replaced, unable to sample
HR3 13	01/30/93	Dry after 58 gal		03/30/93	Turbidity varied; brown
	01/31/93	Light brown	HSB132C	01/28/93	Dry after ~ 29 gal
HR8 Series			HSB132D	01/28/93	Dry after ~ 8 gal
HR8 14	01/29/93	No access because of radiation contamination in the area, unable to sample	HSB136C	01/25/93	Dry after ~ 26 gal
HSB Series			HSB137C	01/25/93	Dry after ~ 24 gal
HSB 1TB	01/03/93	No flowmeter, estimated flow rate and volume purged; no standpipe	HSB138D	01/25/93	Dry after ~ 10 gal
HSB 65A	03/28/93	Unable to determine depth to water, apparatus covering water level access pipe	HSB139C	01/27/93	Dry after ~ 27.5 gal
HSB 68B	01/03/93	Dry after ~ 52 gal	HSB141C	01/28/93	Dry after ~ 42 gal
	01/04/93	Turbidity varied; aerated; brown		01/29/93	Aerated
HSB 68C	01/03/93	Dry after ~ 20 gal	HSB141D	01/28/93	Dry after ~ 15 gal
	01/04/93	Aerated		01/29/93	Flowmeter did not work, estimated volume purged; aerated
HSB 70C	01/05/93	Dry after ~ 26 gal	HSB142D	01/27/93	Dry after ~ 3.5 gal
	01/06/93	Aerated	HSB146D	01/28/93	Dry after ~ 22 gal
HSB 71C	01/27/93	Dry after ~ 23 gal	HSB147D	01/27/93	Dry after ~ 12 gal
HSB 84B	01/05/93	Dry after ~ 46 gal		01/28/93	Turbidity varied; brown
	01/06/93	Aerated	HSB148C	01/28/93	Dry after ~ 22 gal
HSB 84C	01/05/93	Dry after ~ 14 gal	HSB148D	01/28/93	Dry after ~ 6 gal
HSB 85B	01/17/93	Dry after ~ 47 gal	HSB152D	01/27/93	Dry after ~ 5 gal
	01/18/93	Aerated		01/28/93	Aerated; turbidity varied; brown
	02/02/93	Dry after ~ 47 gal	HSS Series		
	02/03/93	Aerated	HSS 1D	02/18/93	Dry after ~ 21 gal
	03/21/93	Dry after ~ 45 gal	HSS 3D	02/18/93	Dry after ~ 19 gal
HSB101D	01/14/93	Dry after ~ 11 gal		02/19/93	Aerated
HSB102D	01/14/93	Dry after ~ 9 gal	HTF Series		
HSB104C	01/11/93	Aerated	HTF 6	03/18/93	Turbidity > 1,000 NTU
HSB106D	01/14/93	Pump would not start, unable to sample	HWS Series		
HSB112E	01/17/93	Dry after ~ 8 gal	HWS 2	03/04/93	Well pad below grade with 5.25 in. of water on top
HSB115D	01/17/93	Dry after ~ 4 gal	HXB Series		
	01/18/93	Aerated; turbidity varied; light gray	HXB 4D	03/02/93	Dry after 11.5 gal
HSB119A	01/25/93	Dry after ~ 35 gal		03/03/93	Light brown
HSB123A	01/23/93	Pump has been removed and not replaced, unable to sample; no well identification sign	HXB 5D	03/02/93	Dry after 11 gal
HSB124AR	01/23/93	No well identification sign	IDB Series		
HSB126D	01/20/93	Dry after ~ 7 gal; aerated	IDB 1A	03/14/93	Dry after 24 gal
HSB129C	01/20/93	Dry after ~ 27 gal	IDB 1B	03/14/93	Dry after 11 gal
				03/15/93	Aerated; brown

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
IDB 1C	03/14/93	No flowmeter, estimated volume purged	IDQ 11	03/04/93	Well struck by lightning; pump removed, unable to sample
IDB 2A	03/14/93	H ₂ S odor	IDQ 12	03/06/93	No water in standpipe; surges
IDB 2B	03/14/93	Dry after 27 gal			
IDB 3	03/14/93	Dry after 4 gal			
IDB 4	03/14/93	Dry after 5 gal			
	03/15/93	Aerated			
IDB 5	02/27/93	Aerated; surges			
	03/14/93	Dry after 7 gal			
IDB 6	02/27/93	Surges slightly			
IDB 7	02/27/93	Surges strongly; slightly aerated			
	03/15/93	Aerated			
IDB 8	03/14/93	Dry after 6 gal			
IDB 9	03/14/93	Dry after 22 gal			
	03/15/93	No well identification sign			
IDB 10	03/15/93	No well identification sign			
IDP Series			K Series		
IDP 3C	02/27/93	Dry after 14.7 gal			
	02/28/93	Aerated			
IDP 4	03/07/93	Dry after ~6.25 gal; particulate matter (rust, vegetation); slightly milky	K 301P	02/28/93	Brown
IDP 8	02/27/93	Dry after 10.2 gal			
	02/28/93	Strongly aerated			
IDP 9	02/27/93	Dry after 8.7 gal			
IDQ Series			KAB Series		
IDQ 2	03/06/93	Dry after 25.3 gal	KAB 1	03/06/93	Dry after 9.5 gal
IDQ 3B	03/06/93	Dry after 12.7 gal	KAB 2	03/06/93	Dry after 1 gal
IDQ 3C	03/06/93	Dry after 11.2 gal		03/07/93	Rust-brown
	03/07/93	No water in standpipe	KAB 3	03/06/93	Dry after 7 gal
IDQ 4	03/06/93	Dry after 8.8 gal		3/07/93	Brown
	03/07/93	Aerated; slightly turbid; light brown			
IDQ 5	03/06/93	Dry after 3.1 gal			
	03/07/93	Aerated; slightly turbid; surges; light brown			
IDQ 6	03/06/93	Dry after 6.8 gal			
	03/07/93	Aerated			
IDQ 7	03/06/93	Dry after ~5 gal			
	03/07/93	Flowmeter not working, estimated volume purged; aerated			
IDQ 8	03/06/93	No water in standpipe; aerated; surges			
IDQ 9	03/07/93	Dry after ~2.3 gal; no water in standpipe; aerated			
IDQ 10	03/08/93	Dry after 6 gal			
			KAC Series		
			KAC 5	02/04/93	Aerated
			KAC 6	02/04/93	Dry after 8 gal
			KAC 7	02/04/93	Dry after 6.5 gal
				02/05/93	Tan
			KAC 9	02/04/93	No well identification sign; aerated
			KDB Series		
			KDB 1	03/18/93	Dry after 17 gal; tan
			KDB 3	03/18/93	Dry after 17.5 gal
			KDT Series		
			KDT 1D	03/18/93	Dry after 10.5 gal; tan
			KRB Series		
			KRB 18D	03/06/93	Dry after 12 gal
				03/07/93	Light brown
			KRB 19D	03/06/93	Dry after 10 gal
			KRP Series		
			KRP 1	03/05/93	Aerated

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
KSM Series			LFW 28	01/05/93	Dry after 13 gal
KSM 1D	01/26/93	No access due to construction, unable to sample		03/22/93	Dry after 15 gal
	02/26/93	Must go through standing water inside the RCA area, unable to sample	LFW 43B	03/21/93	Flowmeter not working, estimated volume purged
	03/18/93	Dry after 9 gal; brown	LFW 43D	03/21/93	Flowmeter not working, estimated volume purged
KSS Series			LFW 48D	01/15/93	Odor
KSS 1D	01/26/93	Dry after 13 gal; tan		03/24/93	Odor
KSS 2D	01/26/93	Lots of sand; sand plugged flowmeter	LFW 56D	03/24/93	Aerated
			LFW 58D	01/14/93	Aerated
				03/24/93	Aerated
LAW Series			LFW 60D	01/14/93	Dry after 11 gal
LAW 1F	03/10/93	No well identification sign; aerated		03/23/93	Dry after 11 gal
LAW 2C	03/10/93	No well identification sign	LFW 62B	01/11/93	Tan
LAW 3C	03/10/93	Aerated	LFW 62D	01/11/93	Dry after 9 gal
LCO Series				01/12/93	No well identification sign; tan
LCO 1	03/07/93	Dry after 29 gal		03/23/93	Dry after 10 gal
LCO 3	03/08/93	Aerated		03/24/93	Aerated; turbidity varied, light brown
LCO 4	03/08/93	Well identification sign reads "LOC 4"	LRP Series		
LDB Series			LRP 2	03/09/93	Aerated
LDB 1	03/18/93	Dry after 19 gal	LSB Series		
LDB 2	03/18/93	Dry after 23 gal	LSB 2	03/07/93	Aerated
LFW Series			LSB 3	03/07/93	Aerated
LFW 8	01/16/93	Strong odor	MCB Series		
	03/22/93	Strong odor	MCB 2	01/28/93	Plumbing lying on ground next to well, unable to sample
LFW 10A	01/05/93	Aerated; strong odor	MCB 4	01/28/93	Pump has been removed and not replaced, unable to sample
	03/21/93	Aerated; odor	MCB 5	01/28/93	Pump has been removed and not replaced, unable to sample
LFW 17	01/05/93	Odor	MCB 5C	01/28/93	Dry after 15 gal
	03/22/93	Odor	MCB 6	01/28/93	Pump has been removed and not replaced, unable to sample
LFW 18	03/22/93	Odor	MCB 7C	01/28/93	Dry after 13 gal
LFW 21	01/05/93	Strong odor		01/29/93	Tan
	03/21/93	Foul odor; thin film on surface of purge water puddles; foams slightly when agitated	MGC Series		
LFW 22	01/04/93	Odor	MGC 9	01/28/93	Muddy
LFW 25	03/21/93	Flowmeter not working, estimated volume purged	MGC 32	01/28/93	Muddy
			MGC 36	01/28/93	Muddy

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
MGE Series			MSB 15D	01/21/93	Dry after 2 gal
MGE 9	01/26/93	Turbidity >1,000 NTU	MSB 16C	02/01/93	Dry after ~5 gal
MGE 21	01/15/93	Muddy		02/02/93	Turbidity >1,000 NTU; light brown
MGE 34	01/15/93	Muddy red	MSB 18C	01/02/93	Dry after 7 gal
MGG Series				01/03/93	Tan
MGG 15	01/15/93	Turbidity >1,000 NTU; muddy	MSB 20C	01/02/93	Dry after 7 gal
MGG 19	01/15/93	Muddy red	MSB 23TA	01/25/93	No well identification sign
MGG 23	01/15/93	Turbidity >1,000 NTU; muddy		03/26/93	No well identification sign
MGG 28	01/15/93	Well bent, unable to sample	MSB 24	01/25/93	Dry after 7 gal
MGG 36	01/15/93	Turbidity >1,000 NTU	MSB 24A	01/25/93	Pump has been removed and not replaced, unable to sample
MSB Series			MSB 27	02/08/93	Aerated
MSB 1C	01/01/93	Dry after 27 gal	MSB 27A	01/25/93	Pump has been removed and not replaced, unable to sample
	03/10/93	Dry after 26 gal	MSB 30AA	01/09/93	Dry after 71 gal
MSB 1CC	01/01/93	Dry after 12 gal	MSB 31C	01/22/93	Solvent odor
MSB 2B	01/21/93	Dry after 23 gal	MSB 33TA	01/09/93	Flowmeter not working properly, estimated volume purged
	03/17/93	Dry after 33 gal	MSB 36D	01/16/93	Dry after 3 gal
MSB 2C	01/21/93	Dry after 11.5 gal		01/17/93	Rust-brown
MSB 2D	01/01/93	Dry after 14 gal	MSB 37A	01/18/93	Dry after 56 gal
MSB 3C	01/19/93	Dry after 15 gal	MSB 37D	01/18/93	Pump has been removed and not replaced, unable to sample
	03/17/93	Dry after 14 gal	MSB 38D	01/17/93	Dry after 1 gal
MSB 3D	01/19/93	Pump has been removed and not replaced, unable to sample		01/18/93	Light brown
MSB 4C	01/21/93	Dry after 27 gal	MSB 39A	01/09/93	Dry after 62 gal
MSB 5C	01/01/93	Dry after 15 gal	MSB 39D	01/16/93	Dry after 19 gal
MSB 6C	01/01/93	Dry after 15 gal		01/17/93	Rust-brown
MSB 7B	01/01/93	Dry after 36 gal	MSB 40D	01/10/93	Pump has been removed and not replaced
	03/10/93	Dry after 35 gal	MSB 41D	01/16/93	Dry after 1.3 gal
MSB 7C	01/01/93	Dry after 10 gal		01/17/93	Brown
MSB 9B	01/19/93	Dry after 5 gal	MSB 42B	02/08/93	Flowmeter did not work, estimated volume purged
	01/20/93	Aerated	MSB 42D	02/08/93	Pump has been removed and not replaced, unable to sample
MSB 10D	03/26/93	No well identification sign	MSB 44C	02/14/93	Turbidity >1,000 NTU; sand; dark brown
MSB 11E	01/03/93	Metal box ~1 ft above well with a line down well, unable to sample; no well identification sign	MSB 46A	02/06/93	Dry after 47 gal
	03/26/93	No well identification sign	MSB 46C	02/14/93	Sand; brown
MSB 13B	10/23/92	Dry after ~3 gal	MSB 48C	02/06/93	No well identification sign
	01/19/93	Aerated		03/26/93	No well identification sign
MSB 13CC	01/01/93	Dry after 14 gal	MSB 48D	02/06/93	Dry after ~2 gal
MSB 13D	01/01/93	Dry after 10 gal	MSB 49D	01/19/93	Dry after 15 gal
MSB 14B	01/01/93	Aerated	MSB 51D	01/17/93	Dry after 7.5 gal
MSB 14C	01/01/93	Dry after 1.5 gal		01/18/93	Aerated; light brown
	01/02/93	Aerated; light brown	MSB 52D	01/16/93	Dry after 4.5 gal
MSB 15C	02/01/93	Dry after ~1.5 gal			
	02/02/93	Light brown			

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

Well	Date	Comments	Well	Date	Comments
MSB 53D	02/09/93	Dry after 10 gal	NBG 2	03/17/93	Dry after ~ 16.5 gal
MSB 55HC	01/28/93	Dry after 10 gal		03/18/93	Turbidity varied; light brown
MSB 57D	01/02/93	Dry after 13 gal	NBG 3	03/17/93	Dry after ~ 10 gal
	01/03/93	Light brown		03/18/93	Light brown
MSB 58D	01/21/93	Dry after 8 gal	NBG 4	03/17/93	Dry after ~ 10 gal
MSB 59D	01/21/93	Dry after 13 gal	NBG 5	03/17/93	Dry after ~ 13.5 gal
	01/22/93	Tan			
MSB 60D	01/02/93	Dry after 12 gal			
MSB 61D	02/09/93	Dry after 11 gal			
	02/10/93	Aerated			
MSB 62D	02/04/93	Dry after 6 gal			
	03/10/93	Dry after 7 gal			
MSB 63D	02/04/93	Dry after 8 gal			
MSB 64B	03/17/93	Flowmeter not working properly, estimated volume purged			
MSB 65D	02/07/93	Dry after .03 gal			
MSB 66D	02/07/93	Pump not working, unable to sample			
MSB 68B	02/01/93	No well identification sign			
MSB 68D	02/01/93	No well identification sign			
MSB 69C	02/06/93	Dry after 30 gal			
MSB 70D	02/06/93	Dry after 3 gal			
MSB 71B	02/06/93	Dry after 47 gal			
MSB 74C	01/09/93	Dry after 8 gal			
MSB 74D	01/09/93	Dry after 7 gal			
MSB 75C	01/10/93	Dry after 4 gal			
MSB 76C	01/20/93	No well identification sign			
	03/25/93	No well identification sign			
MSB 77D	02/09/93	Dry after 9 gal			
	02/10/93	Light brown			
MSB 77TA	02/09/93	Dry after 56 gal			
MSB 78D	02/06/93	Pump has been removed and not replaced, unable to sample			
MSB 79B	02/07/93	Dry after 37.5 gal			
MSB 79C	02/07/93	Dry after 6.5 gal			
MSB 82A	02/05/93	Dry after 31.5 gal			
MSB 82D	02/05/93	Dry after 8 gal			
MSB 83D	02/06/93	Dry after 10 gal			
MSB 85C	02/05/93	Dry after 30 gal			
MSB 85D	02/05/93	Dry after 10 gal			
	02/06/93	Tan			
MSB 85TA	02/05/93	Dry after 37 gal			
	02/06/93	Diesel-like odor; greenish-brown			
MSB 86C	02/06/93	Brown			
NBG Series					
NBG 1	03/17/93	Dry after ~ 11.5 gal			

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
PAC Series			RSC Series		
PAC 5	02/15/93	Dry after ~ 11 gal	RSC 1	02/12/93	Well has been destroyed, unable to sample
	02/16/93	Aerated	RSC 4	02/16/93	Turbidity > 1,000 NTU
PAC 6	02/15/93	Dry after ~ 12 gal	RSC 5	02/16/93	Turbidity > 1,000 NTU
	02/16/93	Aerated	RSC 10	02/18/93	Turbidity > 1,000 NTU
PDB Series			RSD Series		
PDB 3	03/15/93	Dry after ~ 21 gal	RSD 2B	02/23/93	Went dry
PSB Series				02/24/93	Turbidity > 1,000 NTU
PSB 3A	03/14/93	Flowmeter not working properly, estimated flow rate and volume purged	RSD 6	03/01/93	Turbidity > 1,000 NTU
			RSD 8	02/24/93	Turbidity > 1,000 NTU
PSB 5A	03/14/93	Dry after ~ 17 gal	RSD 9	02/17/93	Turbidity > 1,000 NTU
			RSD 10	02/17/93	Turbidity > 1,000 NTU
PSS Series			RSE Series		
PSS 3D	02/15/93	Dry after ~ 7 gal	RSE 3A	02/22/93	Turbidity > 1,000 NTU
	02/16/93	No water in standpipe; aerated; turbidity varied; brown	RSE 4A	02/24/93	Went dry
RCP Series			RSE 4B	02/24/93	Went dry
RCP 1A	03/19/93	Pump rate starts extremely slow, unable to sample		02/25/93	Turbidity > 1,000 NTU
RCP 1D	03/19/93	Dry after ~ 10 gal; turbidity varied; light brown	RSE 4C	02/25/93	Went dry
RDB Series			RSE 6	03/05/93	Went dry
RDB 1D	03/18/93	Dry after 14.5 gal	RSE 12	02/24/93	Sample bailer stuck in well, unable to sample
	03/19/93	Light brown	RSE 13	02/24/93	Dry after 10 gal
RDB 2D	03/18/93	Dry after ~ 20 gal	RSE 24	03/18/93	Dry after ~ 40 gal
	03/19/93	Turbidity varied; brown		03/19/93	No well identification sign
RDB 3D	03/18/93	Dry after ~ 15 gal	RSE 25	03/18/93	Dry after ~ 29.5 gal
	03/19/93	Light brown		03/19/93	No well identification sign
RSA Series			RSF Series		
RSA 6	02/23/93	Well does not exist, unable to sample	RSF 1	03/22/93	Dry after ~ 41 gal; no well identification sign
RSB Series			RSF 2	03/22/93	No well identification sign
RSB 7	02/22/93	Turbidity > 1,000 NTU	RSF 3	03/22/93	Dry after ~ 37 gal; no well identification sign
	03/01/93	Turbidity > 1,000 NTU	RWM Series		
RSB 8	02/19/93	Turbidity > 1,000 NTU	RWM 1	01/13/93	No water in standpipe
RSB 9	02/19/93	Turbidity > 1,000 NTU		02/07/93	No water in standpipe; aerated
				02/12/93	No water in standpipe; aerated
				03/12/93	No water in standpipe; aerated

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
RWM 2	01/13/93	Pump off, unable to sample	SRW 14C	01/24/93	No water in standpipe
	01/20/93	No water in standpipe	SRW 16A	01/23/93	Dry after 24 gal
	02/12/93	No water in standpipe; aerated		01/24/93	Light brown
	03/12/93	No water in standpipe; aerated	SRW 16C	01/23/93	Aerated
RWM 12	02/07/93	No well identification sign	SSS Series		
RWM 16	01/28/93	No well identification sign	SSS 1	02/23/93	Turbidity >1,000 NTU; orange-brown
SBG Series			SSS 2	02/23/93	Turbidity >1,000 NTU; brown
SBG 4	03/10/93	Aerated	SSS 3	02/23/93	No well identification sign; tan
SBG 5	03/10/93	Dry after ~32 gal	SSS 4	02/22/93	Turbidity >1,000 NTU; orange-brown
SCA Series			SSS 5	02/22/93	Turbidity >1,000 NTU; orange-brown
SCA 1A	03/03/03	Carpet glued down over well plate, no access	SSS 6	02/22/93	Turbidity >1,000 NTU; sand; orange-brown
SCA 3	03/10/93	Dry after ~15 gal	SSS 7	02/22/93	Turbidity >1,000 NTU; sand; brown
	03/11/93	Turbidity varied; brown; no key to lock (#2344) prevented getting water level	SSS 8	02/22/93	Turbidity >1,000 NTU; brown
SCA 3A	03/10/93	Dry after ~4.5 gal	SSS 10	02/22/93	Brown
	03/11/93	Turbidity varied; brown	SSS 11	02/22/93	Lots of sand; brown
SCA 4	03/10/93	Dry after ~11 gal	SSS 12	02/22/93	Dry after ~1 L
	03/11/93	Turbidity varied; light brown		02/23/93	Turbidity >1,000 NTU; lots of sand
SCA 4A	03/10/93	Dry after ~3 gal	SSS 17	02/23/93	Turbidity >1,000 NTU; red-brown
	03/11/93	Turbidity varied; brown	SSS 19	02/22/93	Sand; light brown
SCA 5	03/10/93	Dry after ~8 gal	SSS 20	02/23/93	Turbidity >1,000 NTU; sand and small pea-size gravel; brown
	03/11/93	Turbidity varied; aerated; brown	SSS 21	02/23/93	Dry after 2.7 L
SCA 6	03/10/93	Dry after ~12.5 gal		02/24/93	Turbidity varied; red-brown
	03/11/93	Aerated	SSS 22	02/22/93	Brown
SLP Series			SSS 23	02/22/93	Turbidity >1,000 NTU; brown
SLP 1	03/10/93	Dry after ~7 gal; aerated; turbidity varied; light brown	SSS 24	02/22/93	Turbidity >1,000 NTU; red-brown
SLP 2	03/10/93	Dry after ~15 gal; aerated	SSS 25	02/23/93	Turbidity >1,000 NTU; brown
SRW Series			SSS 26	02/23/93	Turbidity >1,000 NTU; pink
SRW 1	01/23/93	Pump has been removed and not replaced, unable to sample	SSS 27	02/23/93	Turbidity >1,000 NTU; brown
SRW 5	01/26/93	Aerated	TNX Series		
SRW 7	01/23/93	Dry after 9 gal	TNX 3D	03/03/93	Dry after ~8.5 gal
SRW 8	01/24/93	Aerated		03/04/93	Turbidity varied; aerated; light brown to clear
SRW 10	01/23/93	Dry after 9 gal			
	01/24/93	No water in standpipe			

FIELD NOTES

Table 5. Comments from the Field Data (cont.)

<u>Well</u>	<u>Date</u>	<u>Comments</u>	<u>Well</u>	<u>Date</u>	<u>Comments</u>
TNX 4D	03/03/93	Dry after ~9 gal	Z 15	03/13/93	Depth to water measurement questionable, probe stopped at depth given and registered signal
	03/04/93	Turbidity varied; aerated; light brown			
TNX 5D	03/03/93	Dry after ~7.5 gal	Z 19A	03/13/93	Well identification sign reads Z19A, but "A" is handwritten and faded
	03/04/93	Aerated			
TNX 6D	03/03/93	Dry after ~8.5 gal	Z 20B	03/13/93	Well identification sign reads "Z20"
	03/04/93	Aerated			
XSB Series			ZW Series		
XSB 2D	03/04/93	Dry after ~8 gal	ZW 1A	03/15/93	Small amount of sand; brown
	03/05/93	Aerated			
YSC Series			ZW 2	03/15/93	Dry after 7.4 gal
YSC 1A	03/11/93	No well identification sign		03/16/93	Dark orange
YSC 1C	03/11/93	Dry after ~10 gal	ZW 3	03/15/93	Dry after 3.3 gal
	03/12/93	Aerated		03/16/93	Dark orange
YSC 2A	03/11/93	No well identification sign	ZW 4	03/15/93	Fallen tree blocks access, unable to sample
YSC 2D	03/11/93	Dry after ~13 gal		03/24/93	Brown
YSC 4C	03/11/93	No well identification sign	ZW 5	03/16/93	Top of casing 4.53 ft above ground surface, very difficult to hand bail; orange-brown
YSC 5A	03/11/93	No well identification sign			
Z Series			ZW 6	03/16/93	Turbidity >1,000 NTU; H ₂ S odor; brown
Z 3	03/13/93	Water level probe would not go beyond 33.17 ft below top of casing	ZW 7	03/15/93	Turbidity >1,000 NTU; dark brown
Z 9	03/15/93	Turbidity >1,000 NTU; small amount of sand; orange	ZW 8	03/20/93	Turbidity >1,000 NTU; dark brown
Z 11	03/15/93	Well is located in a parking lot under a 1-ft-diameter plate, no cap, and under .13 ft of water, unable to take depth to water measurement	ZW 9	03/30/93	Turbidity >1,000 NTU; dark brown
			ZW 10	03/16/93	Brown

7. ANALYTICAL-DATA REVIEW

Sample analyses performed for EPD/EMS during first quarter 1993 were conducted by EPA methods, except as noted in tables 23 and 24 on pp. 74-82. Beginning fourth quarter 1992, samples collected for metals analyses were not filtered. Variable-speed pumps have been installed in some wells that have had a history of elevated metals. Samples from these wells are collected at a slower rate to minimize turbidity, which has been associated with elevated metal levels.

General Engineering Laboratories (GE) of Charleston, SC, and Roy F. Weston, Inc. (Weston or WA), of Lionville, PA, the primary contracting laboratories for sample analysis, performed all analyses, with the following exceptions:

- The EPD/EMS Laboratory (EM Lab or EM) at SRS conducted total-activity analyses of samples for shipping clearance. The EM Lab also conducted gross alpha, nonvolatile beta, tritium, and selected radionuclide analyses of samples from specified well series.
- Environmental Physics (GP) and Clemson Technical Center, Inc. (Clemson TC or CN), had radionuclide contracts; Teledyne Isotopes (Teledyne or TE) subcontracted radionuclide analyses for Environmental Physics; and TMA/Eberline (TM) subcontracted radionuclide analyses for Weston.

REVIEW OF THE ANALYTICAL DATA FOR ERRORS

Exceeded holding time is indicated by a notation of Q in the analytical-results tables. See page A-2 for further information.

EPD/EMS reviews analytical data from the laboratories for errors and unusual results before entering this information into the database. All suspect data are brought to the attention of the laboratories for review, corrections, and comments.

Typical errors corrected for entry into the database include incorrect sample dates, run dates, and sample identifications; incorrectly entered analytical units, methods, and corresponding detection limits; incorrect dilution factor calculations; and incorrectly entered analytical data.

Analytical results that appear different from historical data collected since 1988 are brought to the attention of the appropriate laboratory. Thus, the laboratory is able to identify problems with some of these 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*.

Review of GE's Analytical Data

Some of GE's results for laboratory blanks are qualified with J1 because of problems associated with the blank itself or with the batch that the blank is in. For example, acids and base/neutrals may have a J1 modifier if any surrogates failed. For metals analyses exhibiting surrogate failure, GE used the flag J1 for those samples with results above detection limit and J2 those samples with results below detection limit instead of using the numeric qualifier to indicate the direction of bias; see page A-2. Surrogate failure is not accounted for individually in letters accompanying data from GE.

ANALYTICAL-DATA REVIEW

The metals results for HCB 2 contained yttrium; consequently, the sample and the corresponding QC samples were corrected by a ratio of 52/28 because the internal standard's effect on the concentration is linear.

The herbicide results for HSB 86B are suspect because of quality control failure; the samples were not reextracted and reanalyzed because of insufficient sample aliquot. The pesticide results for ARP 4 are suspect because of low surrogate recovery for the reextracted sample; insufficient sample aliquot prevented a third extraction. The total organic carbon results for MGG 23 are suspect because the sample bottle was not clearly identifiable.

The total organic halogens analysis for BGO 38D was performed from the total organic carbon bottle because the bottle was broken when GE received it. The total organic halogen analysis was performed first to minimize any head space problem.

Matrix interferences appear to be responsible for low selenium-spike recoveries for the following wells: BG 54, BG 55, BGO 10AR, BGO 10B, BGO 16D, BGO 25A, BGO 29D, BGO 36D, CSD 10D, F 16, FSB 87D, FSB 91C, FSB123D, HSB 83A, HSB122A, HTF 6, IDQ 4,

LFW 62B, MSB 2B, MSB 20C, MSB 37C, MSB 75C, SRW 2A, and ZW 6.

Matrix interferences also caused unusually low spike recoveries for the following analyses: aluminum for MSB 83D; endrin and lindane for BGO 28D; iron for FSB 76 and MSB 83D; mercury for FCA 10C; and thallium for HET 4D, SRW 9B, and ZDT 1. Because of matrix interferences, the spike recovery for 2,4-dichlorophenoxyacetic acid for ZW 9 was unusually high.

Beginning fourth quarter 1991, GE was asked to use the analytical modifier V to flag sample results associated with internal laboratory blanks having elevated results. (See p. A-2.) GE has indicated that cross-contamination is most likely to occur during the method lab blank and sample preparation step. During fourth quarter 1992, the V modifier was used to flag sample results associated with method blanks at the sample preparation step having results above the contract-specified detection limit.

Table 6 associates well samples with specific blanks having elevated results, without regard to the modifiers used in Appendix A.

Table 6. GE Laboratory Blanks with Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Total suspended solids	03/23/93	4,000 µg/L	RCP 1D, RDB 1D, RDB 2D, RDB 3D, RSE 24, RSE 25, RSF 1, RSF 2, RSF 3
GE found no errors upon reviewing the records of the EPD/EMS blind blanks having elevated results. Table 7 lists the groundwater samples			from the same analytical batches as the elevated blanks for other analyses.

Table 7. EPD/EMS Blind Blanks with Elevated Results from GE

Analyte	Blank	Result	Associated Samples
Aluminum	QA 64A	51.6 µg/L	ACB 1A, ACB 2A, ACB 3A, ACB 4A, HSB 1TB, HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB 67, HSB 68B, HSB 69, HSB 70, HSB 83A, HSB 83B, HSB 83C
Aluminum	QA 124A	697 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A

ANALYTICAL-DATA REVIEW

Table 7. EPD/EMS Blind Blanks with Elevated Results from GE (cont.)

<u>Analyte</u>	<u>Blank</u>	<u>Result</u>	<u>Associated Samples</u>
Antimony	QA 64A	3.8 µg/L	HSB 65A, HSB 65B, HSB 65C, HSB 67, HSB 68B, HSB 69, HSB 70, HSB 83A, HSB 83B, HSB 83C, HSB 83D, HSB 84A, HSB 84B, HSB 84D, HSB 86A, HSB 86B, HSB100C, HSB101C
Barium	QA 124A	143 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Calcium	QA 124A	82,300 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Fluoride	QA 106A	163 µg/L	BG 109, BG 110, MGE 21, MGE 34, MGG 15, MGG 19, MGG 23, MGG 36, MSB 38TA, MSB 41A, MSB 41B, MSB 41C, MSB 41D, MSB 41TA, MSB 44A, MSB 44B, MSB 50B, MSB 50D, MSB 51B, MSB 52B
Iron	QA 124A	77.2 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Lead	QA 124A	21.7 µg/L	BRR 2D, BRR 4D, BRR 5D, CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Magnesium	QA 124A	3,230 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Manganese	QA 124A	409 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Nitrate-nitrite as nitrogen	QA 50A	190 µg/L	ABW 1, ASB 1A, ASB 2A, ASB 2C, ASB 3A, ASB 4, ASB 6A, ASB 6C, ASB 7, ASB 8, ASB 8A, ASB 8TA, BGO 2D, BGO 3D, BGO 5C, BGO 5D, BGO 13D, BGO 30C, BGO 31D, BGO 32D, BGO 33D, BGO 34D, BGO 35D, BGO 44A, BGO 44AA, BGO 44D, BGO 45B, BGO 45C, BGO 45D, BGO 46B, BGO 46C, BGO 47A, BGO 47C, BGO 47D, BGO 49D, BGO 50A, BGO 50C, BGX 4A, BGX 4C, BGX 4D, FSB 76A, FSB 76B, FSB 76C, MSB 53B, MSB 53C, MSB 53D, MSB 61C, MSB 61D, MSB 77B, MSB 77C, MSB 77D, MSB 77TA, MSB 81B
Nitrate-nitrite as nitrogen	QA 90A	140 µg/L	BRR 3D, F 14, F 16, F 25, FCB 2, FCB 3, FNB 3, FSB 76C, FSB108D, HAP 1, HAP 2, HTF 25, HTF 28, HTF 29, HTF 31, HTF 32, IDQ 10, KRB 18D, LAC 1, LAC 2, LAC 3, LAC 4, LAW 1F, LAW 2C, LAW 3C, LCO 1, LRP 1, LRP 2, LRP 3, LRP 4, LSB 4, RSE 1A, RSE 1B, RSE 1C, RSE 2, RSE 9, RSE 10, RSE 11, RSE 18, RSE 19, SBG 1, SBG 2, SBG 3, SBG 4, SBG 5, SBG 6, SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 5, SCA 6, SLP 1, SLP 2, YSC 2A, YSC 4C, YSC 5A

ANALYTICAL-DATA REVIEW

Table 7. EPD/EMS Blind Blanks with Elevated Results from GE (cont.)

Analyte	Blank	Result	Associated Samples
Nitrate-nitrite as nitrogen	QA 100A	1,300 µg/L	ACB 1A, ACB 2A, ACB 3A, ACB 4A, HSB 1TB, HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB 66, HSB 68A, HSB 68B, HSB 69A, MSB 1B, MSB 1C, MSB 1CC, MSB 1D, MSB 2D, MSB 4B, MSB 4D, MSB 5A, MSB 5B, MSB 5C, MSB 6A, MSB 6C, MSB 7A, MSB 7B, MSB 7C, MSB 8A, MSB 8B, MSB 8C, MSB 10A, MSB 10B, MSB 11A, MSB 11B, MSB 12TA, MSB 12TB, MSB 13A, MSB 13CC, MSB 13D, MSB 14B, MSB 14C, MSB 17A, MSB 17D, MSB 18A, MSB 18B, MSB 18C, MSB 19A, MSB 19B, MSB 20C, MSB 21A, MSB 21B, MSB 21C, MSB 21TA, MSB 32, MSB 57D, MSB 60D
Nitrate-nitrite as nitrogen	QA 120A	360 µg/L	CBR 1D, CBR 2D, CBR 3D, CCB 1, CCB 2, CCB 3, CCB 4, CDB 1, CDB 2, CRP 2, CSB 1A, CSB 3A, CSB 4A, CSB 5A, CSR 1, CSR 2, CSR 3, CSR 4, FSB 98C, FSB105C, FSB105DR, FSB106C, FSB110D, FSB112C, FSB112D, FSB117D, FSB119D, HCB 1, HCB 2, HCB 3, HTF 12, HTF 18, HWS 1A, HWS 2, HXB 1, HXB 2, HXB 3, HXB 4D, HXB 5D, KSB 1, KSB 3, KSB 4A, RSA 7, RSA 8, RSD 3, SCA 1, SCA 2, TBG 1, TBG 5A, TBG 5B, TBG 7, TNX 1D, TNX 2D, TNX 3D, TNX 4D, TNX 5D, TNX 6D, TNX 7D
Potassium	QA 124A	3,030 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Silica	QA 2B	13,700 µg/L	DBP 1, DBP 2, DBP 4, FBP 1A, FBP 2A, FBP 4, FSL 1D, FSL 6D, HSB 66, HSB 83A, KDT 1D, LFW 47D, NBG 1, NBG 2, RRP 2, RRP 4
Silica	QA 4B	13,100 µg/L	FBP 3A, FSL 4D, HSB 85B, HTF 8, LFW 57D, LFW 59B, P 27TC, RDB 1D, RSF 1, RSF 2, RSF 3, ZW 4, ZW 8
Silica	QA 6A	10,500 µg/L	ACB 1A, ACB 2A, ACB 3A, ACB 4A, HSB 1TB, HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB 67, HSB 68B, HSB 69, HSB 70, HSB 83A, HSB 83B, HSB 83C
Silica	QA 6B	11,800 µg/L	FBP 3A, FSL 4D, HSB 85B, HTF 8, LFW 57D, LFW 59B, P 27TC, RDB 1D, RSF 1, RSF 2, RSF 3, ZW 4, ZW 8
Silica	QA 18A	21,600 µg/L	BGO 44B, BGO 44C, BGO 46B, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D
Silica	QA 20A	18,700 µg/L	BGO 44B, BGO 44C, BGO 46B, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D
Silica	QA 22A	16,900 µg/L; 17,000 µg/L	BRD 1, BRD 2, BRD 3, BRD 4, BRD 5D, BRR 3D, HAP 1, HAP 2, HTF 31, HTF 32, LAC 1, LAC 2, LAC 3, LCO 1, RSD 1, RSD 4, RSD 5
Silica	QA 36A	12,000 µg/L	DBP 3, FAL 1, FAL 2, FCA 19D, FSL 2D, HTF 5, HTF 6, NGB 3, NBG 4, P 27B, P 27C, P 27D, P 27TB, P 27TD, P 27TE, RRP 1, RRP 3
Silica	QA 38A	11,600 µg/L	DCB 2A, DCB 5A, DCB 6, DCB 7, DCB 8, DCB 9, DCB 10, DCB 11, DCB 12, DCB 13, DCB 15, DCB 16, GBW 1, HSB 85A, KDB 1, KSM 1D, P 29C, P 29TA, P 29TC

ANALYTICAL-DATA REVIEW

Table 7. EPD/EMS Blind Blanks with Elevated Results from GE (cont.)

<u>Analyte</u>	<u>Blank</u>	<u>Result</u>	<u>Associated Samples</u>
Silica	QA 42A	24,900 µg/L	DBP 1, DBP 2, DBP 4, FBP 1A, FBP 2A, FBP 4, FSL 1D, FSL 6D, HSB 66, HSB 83A, KDT 1D, LFW 47D, NBG 1, NBG 2, RRP 2, RRP 4
Silica	QA 44A	20,100 µg/L	F 15, F 17, FCB 3, FCB 5, FCB 6, FET 1D, FET 2D, FET 3D, FET 4D, IDB 1C, IDB 2A, IDB 2C, YSC 1C, YSC 2D
Silica	QA 46A	17,900 µg/L; 18,000 µg/L	F 15, F 17, FCB 3, FCB 5, FCB 6, FET 1D, FET 2D, FET 3D, FET 4D, IDB 1C, IDB 2A, IDB 2C, YSC 1C, YSC 2D
Silica	QA 48A	16,500 µg/L	F 14, F 16, F 25, FCB 2, FNB 3, LAW 1F, LAW 2C, RSE 18, SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 5, SCA 6, YSC 2A, YSC 4C, YSC 5A
Silica	QA 56A	25,700 µg/L	BGO 44B, BGO 44C, BGO 46B, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D
Silica	QA 58A	21,000 µg/L	BRD 1, BRD 2, BRD 3, BRD 4, BRD 5D, BRD 3D, HAP 1, HAP 2, HTF 31, HTF 32, LAC 1, LAC 2, LAC 3, LCO 1, RSD 1, RSD 4, RSD 5
Silica	QA 76A	15,600 µg/L	F 15, F 17, FCB 3, FCB 5, FCB 6, FET 1D, FET 2D, FET 3D, FET 4D, IDB 1C, IDB 2A, IDB 2C, YSC 1C, YSC 2D
Silica	QA 88A	20,300 µg/L	IDQ 10, KRB 18D, LAC 2, LAC 4, LRP 1, LRP 2, LRP 3, LRP 4, LSB 4, RSE 1A, RSE 1B, RSE 1C, SBG 1, SBG 2, SBG 3, SBG 6
Silica	QA 90A	15,400 µg/L	FSB 76C, FSB 98D, FSB108D, HTF 25, HTF 28, HTF 29, LAW 3C, RSE 2, RSE 9, RSE 10, RSE 11, RSE 19, SBG 4, SBG 2, SLP 1, SLP 2, YSC 2A
Silica	QA 92A	11,300 µg/L	BRD 1, HTF 24, HTF 26, LCO 2, LCO 3, LCO 4, P 26B, P 26D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Silica	QA 94A	21,500 µg/L	IDQ 10, KRB 18D, LAC 2, LAC 4, LRP 1, LRP 2, LRP 3, LRP 4, LSB 4, RSE 1A, RSE 1B, RSE 1C, SBG 1, SBG 2, SBG 3, SBG 6
Silica	QA 100A	10,500 µg/L	MSB 1B, MSB 1C, MSB 1CC, MSB 1D, MSB 2D, MSB 4B, MSB 4D, MSB 5A, MSB 5B, MSB 5C, MSB 6A, MSB 6C, MSB 7A, MSB 7B, MSB 7C, MSB 8A, MSB 8B, MSB 8C
Silica	QA 114A	30,300 µg/L	FSL 8D, FSL 9D, HTF 2, IDB 1A, IDB 1B, IDB 2B, IDB 3, IDB 4, IDB 6, IDB 9, PCB 2A, PSB 4A, RSC 6, RSC 7, RSC 8, Z 9, ZW 1A, ZW 7
Silica	QA 116A	19,100 µg/L	DCB 2A, DCB 3A, DCB 4A, FCB 4, FSL 3D, KDB 3, LDB 1, LDB 2, NBG 5, RAC 1, RAC 2, RAC 3, RAC 4, RCP 1D, RDB 2D, RDB 3D, RSE 24, RDE 25
Silica	QA 124A	11,700 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Silica	QA 126A	16,500 µg/L	FSB 76C, FSB 98D, FSB108D, HTF 25, HTF 28, HTF 29, LAW 3C, RSE 2, RSE 9, RSE 10, RSE 11, RSE 19, SBG 4, SBG 5, SLP 1, SLP 1, SLP 2, YSC 2A
Sodium	QA 4B	322 µg/L	FBP 3A, FSL 4D, HSB 85B, HTF 8, LFW 57D, LFW 59B, P 27TC, RDB 1D, RSF 1, RSF 2, ZW 4, ZW 8

ANALYTICAL-DATA REVIEW

Table 7. EPD/EMS Blind Blanks with Elevated Results from GE (cont.)

Analyte	Blank	Result	Associated Samples
Sodium	QA 6B	390 µg/L 393 µg/L	FBP 3A, FSL 4D, HSB 85B, HTF 8, LFW 57D, LFW 59N, P 27TC, RDB 1D, RSF 1, RSF 2, ZW 4, ZW 8
Sodium	QA 18A	1,480 µg/L	BGO 44B, BGO 44C, BGO 46B, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D
Sodium	QA 20A	5,230 µg/L	BGO 44B, BGO 44C, BGO 46B, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D
Sodium	QA 36A	304 µg/L; 305 µg/L	DBP 3, FAL 1, FAL 2, FCA 19D, FSL 2D, HTF 5, HTF 6, NBG 3, NBG 4, P 27B, P 27C, P 27D, P 27TB, P 27TD, P 27TE, RRP 1, RRP 3
Sodium	QA 38A	342 µg/L	DCB 2A, DCB 5A, DCB 6, DCB 7, DCB 8, DCB 9, DCB 10, DCB 11, DCB 12, DCB 13, DCB 15, DCB 16, GBW 1, HSB 85A, KDB 1, KSM 1D, P 29C, P 29TA, P 29TC
Sodium	QA 64A	3,420 µg/L	ACB 1A, ACB 2A, ACB 3A, ACB 4A, HSB 1TB, HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB 67, HSB 68B, HSB 69, HSB 70, HSB 83A, HSB 83B, HSB 83C
Sodium	QA 116A	246 µg/L	DCB 2A, DCB 3A, DCB 4A, FCB 4, FSL 3D, KDB 3, LDB 1, NBG 5, RAC 1, RAC 2, RAC 3, RAC 4, RCP 1D, RDB 2D, RDB 3D, RSE 24, RSE 25
Sodium	QA 124A	23,300 µg/L	CSD 1D, CSD 2D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Specific conductance	QA 60A	92 µS/cm	CCB 1, CCB 2, CCB 3, CCB 4, CDB 1, CRP 2, HCB 1, HCB 2, HCB 3, HTF 12, HTF 18, HXB 1, RSD 3
Total dissolved solids	QA 2B	29,000 µg/L	FSL 1D, FSL 4D, FSL 5D, HSB 66, HSB 83A, HSB 85A, HSB 85B, LFW 47D, LFW 57D, LFW 59B, P 29TC, RAC 2, RAC 4, RRP 2, RRP 4, RSF 1, RSF 2, RSF 3
Total dissolved solids	QA 18A	34,000 µg/L	AMB 12D, ASB 5A, BG 93, BG 94, BG 95, BG 96, BG 103, BG 107, BG 108, BG 122, BGO 44B, BGO 44C, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D, RSC 2, RSC 9, RWM 1, RWM 2, RWM 3, RWM 4, RWM 5, RWM 6, RWM 7, RWM 8, RWM 9, RWM 10, RWM 11, RWM 12
Total dissolved solids	QA 20A	34,000 µg/L	AMB 12D, ASB 5A, BG 93, BG 94, BG 95, BG 96, BG 103, BG 107, BG 108, BG 122, BGO 44B, BGO 44C, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D, RSC 2, RSC 9, RWM 1, RWM 2, RWM 3, RWM 4, RWM 5, RWM 6, RWM 7, RWM 8, RWM 9, RWM 10, RWM 11, RWM 12
Total dissolved solids	QA 22A	34,000 µg/L	BRD 1, BRD 2, BRD 3, BRD 4, BRD 5D, BRD 3D, KRB 18D, LCO 1, LSB 4, P 26B, P 26D, RSD 1, RSC 4, RSD 5, TNX 9D, TNX 10D, TNX 11D, TNX 12D, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Total dissolved solids	QA 36A	31,000 µg/L	DBP 3, FAL 1, FAL 2, FCA 19D, FCB 4, FSL 2D, FSL 3D, HTF 5, HTF 6, KDB 1, KDB 3, KDT 1D, KSM 1D, LDB 1, LDB 2, NBG 1, NBG 2, NBG 3, NBG 4, NBG 5, P 27C, P 27TB, P 27TD, P 27TE, RRP 1, RRP 3
Total dissolved solids	QA 44A	38,000 µg/L	CBR 2D, CBR 3D, FCB 3, FCB 5, FCB 6, FET 1D, FET 3D, FET 4D, HXB 5D, RSC 3, RSE 7, RWM 11, RWM 12, YSC 1C, YSC 2D

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Table 7. EPD/EMS Blind Blanks with Elevated Results from GE (cont.)

Analyte	Blank	Result	Associated Samples
Total dissolved solids	QA 48A	31,000 µg/L	F 15, F 17, F 25, FCB 2, FNB 3, HTF 11, HTF 22, HTF 27, RWM 1, RWM 2, RWM 3, RWM 4, RWM 5, RWM 6, RWM 7, RWM 8, RWM 9, SCA 5
Total dissolved solids	QA 56A	32,000 µg/L	AMB 12D, ASB 5A, BG 93, BG 94, BG 95, BG 96, BG 103, BG 107, BG 108, BG 122, BGO 44B, BGO 44C, BGX 3D, BGX 5D, BGX 9D, BGX 12C, FSB 76, FSB123C, FSB123D, RSC 2, RSC 9, RWM 1, RWM 2, RWM 3, RWM 4, RWM 5, RWM 6, RWM 7, RWM 8, RWM 9, RWM 10, RWM 11, RWM 12
Total dissolved solids	QA 66A	38,000 µg/L	HSB 71, HSB121A, HSB133C, HSB133D, HSB139A, HSB139D, MSB 2B, MSB 2C, MSB 4C
Total dissolved solids	QA 76A	36,000 µg/L	F 16, FBP 3A, FET 2D, FNB 1, FNB 2, FNB 4, FSB108D, FSL 8D, FSL 9D, IDB 1C, IDB 2A, IDB 2C, PRP 1A, PRP 2, PSB 4A, PSB 5A, RSE 9, RSE 10, RSE 18, RWM 10, SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 6, YSC 2A, YSC 4C, YSC 5A, ZW 4
Total dissolved solids	QA 102A	2,000 µg/L	MSB 2, MSB 30A, MSB 30AA, MSB 30B, MSB 30C, MSB 30CC, MSB 31A, MSB 31B, MSB 31CC, MSB 33, MSB 33A, MSB 33B, MSB 33C, MSB 33TA, MSB 36A, MSB 36C, MSB 36TA, MSB 39A, MSB 39B, MSB 39C, MSB 39TA, MSB 40A, MSB 40C, MSB 40TA, MSB 72B, MSB 73B, MSB 74C, MSB 74D, MSB 75C
Total dissolved solids	QA 114A	42,000 µg/L	IDB 4, IDB 5, IDB 8, PCB 2A, RSC 7, RSC 8, ZW 1A, ZW 7
Total dissolved solids	QA 126A	28,000 µg/L	F 16, FBP 3A, FET 2D, FNB 1, FNB 2, FNB 4, FSB108D, FSL 8D, FSL 9D, IDB 1C, IDB 2A, IDB 2C, PRP 1A, PRP 2, PSB 4A, PSB 5A, RSE 9, RSE 10, RSE 18, RWM 10, SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 6, YSC 2A, YSC 4C, YSC 5A, ZW 4
Total organic halogens	QA 10A	21.4 µg/L 24.6 µg/L	ASB 1A, ASB 2A, ASB 2C, ASB 3A, ASB 4, ASB 6A, ASB 6C, ASB 7, ASB 8, ASB 8A, ASB 8TA, BGO 13DR, BGO 31D, BGO 33D, BGO 34D, BGO 35D, BGO 45B, MSB 53B, MSB 53C, MSB 61C, MSB 81B
Total organic halogens	QA 18A	12.9 µg/L	AMB 4B, AMB 5, AMB 6, AMB 7, AMB 7B, AMB 10A, AMB 12D, AMB 13AR, ASB 5A, BG 93, BG 94, BG 96, BG 103, BG 108, BG 122, BGO 43AA, BGX 5D, BGX 9D, BGX 12C, FSB123C, FSB123D, MSB 44C, PAC 1, PSS 2D, RSC 2, RSC 9
Total organic halogens	QA 36A	18.7 µg/L	DBP 3, F 14, FAL 1, FAL 2, FCA 19D, FSL 2D, HTF 4, HTF 5, HTF 6, HTF 7, P 27B, P 27C, P 27D, P 27TB, P 27TD, P 27TE, P 28A, P 28TB, PCB 1A, PCB 3A, PCB 4A, PRP 3, PRP 4, RRP 1
Total organic halogens	QA 42A	10.0 µg/L	FBP 2A, FBP 4, FSL 1D, FSL 4D, FSL 5D, LFW 47D, RAC 2, RAC 4, RRP 2, RSF 1
Total organic halogens	QA 66A	16.2 µg/L; 16.5 µg/L	AOB 1, HSB 71, HSB121A, HSB133C, HSB133D, HSB139A, HSB139D, MSB 2B, MSB 2C, MSB 4C, MSB 15D, MSB 34A, MSB 34B, MSB 58D, MSB 59D, MSB 74B, MSB 75B
Total organic halogens	QA 70A	12.6 µg/L	ABP 2A, ABP 3, ABP 3C, AC 1A, AC 1B, AOB 2, AOB 3, HSB122A, HSB124AR, HSB125C, HSB140A, HSB140C, HSB140D, MSB 31C, SRW 2, SRW 11, SRW 16B, SRW 16C

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Table 7. EPD/EMS Blind Blanks with Elevated Results from GE (cont.)

<u>Analyte</u>	<u>Blank</u>	<u>Result</u>	<u>Associated Samples</u>
Total phosphates (as P)	QA 66A	90.0 µg/L	ABP 4, HSB 71, HSB121A, HSB122A, HSB124AR, HSB125C, HSB125D, HSB126C, HSB126D, HSB127C, HSB133C, HSB133D, HSB134D, HSB139A, HSB139D, HSB140A, MSB 26, MSB 26A, MSB 38B, MSB 38C, SRW 7, SRW 8, SRW 9B, SRW 10, SRW 11, SRW 12A, SRW 12B, SRW 12C, SRW 14A, SRW 14B, SRW 14C, SRW 15A, SRW 15B, SRW 15C, SRW 16A, SRW 16B, SRW 16C
Trichloroethylene	QA 8A	5.7 µg/L	AMB 4A, AMB 4B, AMB 5, AMB 6, AMB 7, AMB 7A, AMB 7B, AMB 8D, AMB 9D, AMB 10A, AMB 13AR, BGX 5D, BGX 9D
Zinc	QA 124A	83.9 µg/L	RSA 9, RSA 10, XSB 1A, XSB 1B, XSB 1D, XSB 2D, XSB 3A, XSB 4D, XSB 5A
Nonvolatile beta	QA 74A	5.95E-09 pCi/L ± 1.70	CBR 1D, CBR 2D, CBR 3D, HCB 1, HCB 2, HCB 3, HTF 12, HTF 18, HWS 1A, HXB 1, HXB 2, HXB 3, HXB 4D, HXB 5D, SCA 1, SCA 2

A technical review of the quarter's analytical data identified at least one reported result for the analyses in table 8 as high in comparison

to historical data. A review of the laboratory records did not reveal any problems with the analyses, except as noted previously.

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

<u>Analyte</u>	<u>Wells</u>
Aluminum	BG 104*, BG 107, BG 108, BG 110, BG 121*, BGO 1D, BGO 2D, BGO 5D, BGO 16D, BGO 28D*, BGO 29A, BGO 30C*, BGO 31C*, BGO 31D, BGO 32D, BGO 35D, BGO 37D, BGO 39D, BGO 40D, BRR 1D, BRR 2D, BRR 3D, DCB 13*, DCB 15*, FSB 76, FSB108D, HSB129D, HSB131D, HSB141D, HSB142D*, HSB145C*, HSB146D, HSB147D*, HSB150D, IDB 4*, IDP 9, IDQ 4, IDQ 5*, IDQ 9*, K 301P*, KDB 3*, MCB 6, MSB 4C, MSB 11F*, MSB 58D, MSB 59D, MSB 62B*, MSB 64D, MSB 83D, MSB 85D*, MSB 85TA*, MSB 86C*, MSD 57D, PDB 3, XSB 2D
Arsenic	DCB 13†, DCB 15†
Barium	ABP 2A, BGO 5C, BGO 30C, BRD 3, CSD 9D, CSD 10D, DBP 3, FCA 10D, GBW 1, HSB145C, HTF 11, HTF 15*, HTF 23, IDB 2B, IDQ 3B, IDQ 4, IDQ 5, MCB 6, MSB 11F, MSB 16C, MSB 24, MSB 44C*, MSB 71B, MSB 77D, MSB 86C, RSF 1, TNX 10D
Bis(2-ethylhexyl) phthalate	FSB 99C†
Cadmium	DCB 6, HTF 1, HTF 7, HTF 16
Calcium	ABP 2A, ACB 4A, ASB 9C, BGO 5D, BGO 6B, BGX 8DR, BRR 5D, DBP 3, DCB 11, FCA 10D, FSB 78, HCA 4, HSB143D, HSB145C, IDB 2B, IDP 9, IDQ 4, IDQ 5, LDB 1, LDB 2, MCB 6, MSB 3C, MSB 16C, MSB 55HC, MSB 61D, MSB 71B, MSB 85C, PCB 2A, RCP 1D, RSE 10, XSB 2D, ZDT 1*
Carbon tetrachloride	TNX 3D
Chloroethene (Vinyl chloride)	LFW 57D
Chloroform	BGO 30D, MSB 68B
Chloride	BRR 5D, DCB 9, MSB 24, TNX 10D
Chromium	DCB 9*, FAL 2, HTF 9, MSB 44C

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Table 8. GE Samples with High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Copper	BGO 1D, BGO 2D, BGO 10C*, BGO 32D, BGX 3D, FSB 76C, FSB116D, HMD 4D, HSB 68C*, HSB 70, HSB141D, HSB142D, HSB147D, MSB 39D*, RRP 2, RRP 3, RSB 7, RSD 1, RSE 3A*
1,2-Dichloroethane	HCA 4†
Dichloromethane (Methylene chloride)	ASB 3C†, ASB 6AA, ASB 6TA, ASB 8B†, ASB 8C†, ASB 10C†, FBP 2A, FCA 19D, HCA 4, MCB 5C, MSB 11F, MSB 19C, MSB 36A, RWM 1†, RWM 12†, SRW 16C, TNX 3D†, ZDT 1†
Dissolved organic carbon	CSD 4D†, CSD 8D†, LCO 3
Fluoride	BG 91, BG 92, PCB 2A
Iron	AC 1A*, AC 1B, AMB 4D, AMB 6*, ASB 4, BG 92, BG 94, BG 101, BG 103, BG 104*, BG 108*, BG 121*, BG 122, BGO 1D, BGO 2D*, BGO 10C*, BGO 16D, BGO 13DR, BGO 29A*, BGO 29D*, BGO 30C*, BGO 31C, BGO 31D, BGO 32D, BGO 35D, BGO 45B, BGO 46C, BGX 2B*, BGX 5D, BRD 3*, CDB 2, CSB 1A*, CSB 3A*, CSB 5A*, CSD 4D, CSD 11D, DCB 9*, DCB 13, FAL 2, FCA 10A*, FCA 10C*, FCA 10D*, FCA 16A, FET 1D, FSB 76, FSB111C, HET 4D, HR3 13*, HR8 13, HSB 70, HSB 85B, HSB101D, HSB103D, HSB129D*, HSB131D*, HSB133*, HSB138D, HSB141C, HSB141D, HSB142D*, HSB145C, HSB146D, HSB147D*, HSB151D, HXB 4D*, IDB 1B*, IDB 8*, IDQ 3B, IDQ 3C, IDQ 4*, IDQ 5, IDQ 7, IDQ 9*, KAB 2*, KAB 3*, KAB 4, KRB 18D*, MCB 5C, MCB 6, MCB 7C, MSB 1CC, MSB 2D, MSB 6C*, MSB 9A, MSB 9B, MSB 10B, MSB 11A, MSB 12B, MSB 13B, MSB 14C*, MSB 15D*, MSB 16C*, MSB 18B*, MSB 20C*, MSB 21A, MSB 23B*, MSB 26A*, MSB 27, MSB 29A, MSB 32*, MSB 36D*, MSB 39D*, MSB 41D*, MSB 44C*, MSB 46C*, MSB 47TA, MSB 48D, MSB 51D, MSB 53D, MSB 54C, MSB 54TA*, MSB 56D*, MSB 57D, MSB 59D*, MSB 60D, MSB 61D, MSB 62B, MSB 62D, MSB 64C, MSB 69TA, MSB 77TA, MSB 82D, MSB 83D, MSB 85C*, MSB 85D*, MSB 85TA, MSB 86C*, NBG 3, NPM 2, NPM 4, NPM 19A*, NPM 19C*, NPM 34B*, NPM 34D*, P 26B*, RAC 1, RRP 3, RSA 7, RSA 8, RSD 1, RSE 1B, RSE 3A*, RSE 7*, RSE 10, RSE 24, RSF 3, SCA 1, SCA 3A, SCA 4, SCA 4A*, SCA 5*, SCA 6*, SLP 1*, SRW 16A, ZBG 1A
Lead	AMB 6, BG 54, BG 92*, BG 104*, BG 107, BGO 1D, BGO 10C, BGO 21D, BGO 30C, BRR 1D, CSB 5A*, DCB 13*, FCA 1N, FCA 10C*, FCA 10D*, FSB108D, HMD 4D, HSB141D, HSB147D, HSB152D, HTF 6*, HTF 8, HTF 9, HTF 10, HTF 34, HXB 4D*, IDB 1B, IDP 3C, IDQ 4, IDQ 6, IDQ 7, IDQ 9, KAB 1, KAB 2*, KRB 18D*, MSB 9B, MSB 16C, MSB 39D*, MSB 41D, MSB 44C*, MSB 61D, MSB 69D*, NPM 2*, NPM 19A, NPM 34B*, RDB 1D, RRP 3, RSA 7*, RSA 8, RSB 7, RSD 1, RSE 3A*, RSE 10, SCA 5*, XSB 2D*
Magnesium	ABP 2A, BGO 16D, BRR 1D, BRR 2D, BRR 5D, CSB 1A, CSD 4D, DBP 3, FSB 78, HSB141D, IDB 1A, IDB 1B*, IDQ 4, LCO 3, MCB 5C, MCB 7C, MSB 14C, MSB 23B, MSB 44C, MSB 64D, MSB 85TA, PCB 2A*, PSB 6A
Manganese	ABP 2A, BG 104*, BG 121, BGO 2D, BGO 5C, BGO 10C*, BGO 16D, BGO 29A, BGO 30C, BGX 2B, BRR 5D, CSB 5A, FCA 10A, FCA 10D, GBW 1, RCP 1D, HR3 13, HSB141C, HSB141D, HSB145C, IDB 1B*, IDQ 4*, KAB 3, KCB 1, MSB 11F, MSB 14C, MSB 44C*, MSB 46C, MSB 77TA, P 26B, RSA 7, RSD 1, RSE 3A*, RSE 7*, SCA 4A*, XSB 2D, YSC 1C*, ZBG 1A

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Table 8. GE Samples with High Analytical Results as Compared to Historical Data
(cont.)

Analyte	Wells
Mercury	DBP 2, DCB 6, FSB 77, FSB 88D*, FSB 90D*, FSB105C, HCA 4*, HCB 1, MSB 12TA, MSB 26A, RSA 8, RSD 1, XSB 2D
Nickel	HSB145C, RDB 1D
Nitrate-nitrite as nitrogen	ABP 2A, BG 52, BG 55, BGO 45C, FSB 78†, FSB 78C†, FSB 92D, FSB 93D, FTF 24A†, HCA 2, HSB 67, HSB 69, HSB132C†, HSB146A, HTF 9, IDP 3A, MCB 6, MSB 23B, MSB 39A, MSB 46A, MSB 48D, MSB 50D, RDB 1D, ZBG 1†, ZBG 1A†
Potassium	ACB 4A, BGO 6A, BRR 3D, FCA 10D, HCA 4, MSB 2C, MSB 9B, MSB 20C, MSB 42TA, NPM 19A, RRP 3, RSF 1
Selenium	DCB 13
Silica	DCB 15, MCB 6, MSB 11F, MSB 13B, MSB 44C, MSB 85TA, MSB 86C
Sodium	IDB 2B, MSB 11F, MSB 64C
Specific conductance	ABP 2A, HET 3D, HTF 13, IDB 2B, IDQ 3B, MSB 48B†, MSB 55HC, PCB 2A†, RSF 3, ZDT 1
Sulfate	CDB 1, FBP 2A, FET 4D, HSB132D, MCB 6, MSB 24, PCB 2A, RCP 1D, RSF 3, SCA 3A
Tetrachloroethylene	ARP 4, FBP 3A, MSB 23B†, RWM 6, SRW 2, TNX 3D†
Tin	BGO 6A, BGO 10AR, BGO 12AR, BGO 30C, BGO 45A, BGX 1A*, BGX 1C*, BGX 4A, HMD 1D, HSB 85B
Toluene	ARP 3A, MSB 9A*
Total dissolved solids	ABW 1, ACB 1A, ACB 2A, CCB 4, CSR 2, CSR 3†, CSR 4†, DCB 9, FBP 3A, FBP 4, HR8 13, HSB141D, IDB 2B, IDP 4, KAB 2, KRP 1†, KRP 4, LSB 1, LSB 2, LSB 4, MCB 6, MSB 3C, MSB 10A, MSB 28A, MSB 29C, MSB 29TA, MSB 30C, MSB 30CC, MSB 43A, MSB 43D, MSB 43TA†, PCB 2A, RCP 1D, RRP 1, RRP 2, RSF 3, SCA 4, SRW 11, ZBG 1*
Total organic carbon	CCB 3, FET 1D, HSB132D, IDP 4, MSB 16C†, ZBG 1A
Total organic halogens	AC 3A, ACB 4A, ASB 4, ASB 9B, BG 122, BGO 10AA, BGO 10B, BGO 13DR, BGO 45C†, BGO 49C, BGX 11D, CSD 8D, FSB 76, FSB 76C, FSB 97D, HCA 3, HSB 65B, HSB101D, HSB108C†, HSB114D, HSB117A, HSB125D, HSB127C, HSB131C†, HSB134C†, HSB135C, HSB135D†, HSB138D, HSB142C, HSB143C, IDQ 5, KCB 1, MSB 2B, MSB 3C†, MSB 10B, MSB 12B, MSB 23B†, MSB 27TA, MSB 34C†, MSB 34TA, MSB 40C, MSB 42C, MSB 46C†, MSB 47D, MSB 47TA, MSB 48D, MSB 49A†, MSB 53B†, MSB 55TA, MSB 74D, MSB 75B, MSB 81B, MSB 82B, FCB 3A, RSD 1, SRW 2A†, SRW 2B†, SRW 4, SRW 8†, SRW 9A, SRW 13A, SRW 13B, SRW 13C, SRW 14A, SRW 14C, SRW 15A, SRW 16A, SRW 16B, ZDT 1, ZDT 2
Total phosphates (as P)	ABP 2A, AMB 6, AOB 3, BG 121, BGO 1D, BGO 2D†, BGO 5D, BGO 42C, CCB 4, CSB 3A, DBP 1, FCA 10A, FCA 10D, FCA 16D, GBW 1, HSB114D, HSB124AR, HSB129D, HSB132D, HSB136C, HSB139A, HSB139D, IDP 4, IDQ 4, KDB 3, MSB 4C, MSB 25A, MSB 43TA, MSB 47B, PRP 1A†, RSA 9, RSA 10, RSD 1, RSE 2, SCA 4, SLP 1
Total suspended solids	RCP 1D, RDB 2D, RSA 9, RSD 1, RSE 2, RSE 7, RSE 10, RSE 24†, RSE 25, RSF 3
Trichloroethylene	ASB 8C, CSB 1A, FSB 88C*, MSB 23B, SRW 2
Trichlorofluoromethane	FBP 1A, FBP 2A†, FBP 3A, FSB 89D, HCA 2
Turbidity	BGO 2D†, BGO 5D
Xylenes	BGO 30D

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Table 8. GE Samples with High Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Zinc	BGO 2D, BGO 16D, FSB108D, FSL 6D, HCB 1, HSB141D, HSB145C, HSB148D, MSB 9B*, MSB 39D, MSB 64C, RSE 24*, RSE 25, RSF 3, SRW 16A
Gross alpha	ACB 4A, DCB 4A, DCB 9*, FSB 77, FSB 90D, FSB 94C, FSB 95CR, FSB105C, FSB105DR, FSB106C, FSB112C, FSB112D, FTF 5, FTF 13*, FTF 18, HCB 4, HSB141D, HR3 13, HTF 6, HTF 13, IDB 7, K 301P*, KAB 2, MGC 9, MGG 19, MGG 23, MSB 1CC, MSB 5C, MSB 59D, PCB 2A, RSA 7, RSA 8, RSB 8*, RSB 9*, RSC 2*, RSC 3, RSC 4, RSC 5, RSC 7*, RSC 8*, RSC 9, RSC 10*, RSD 6, RSD 9, RSD 10, RSD 11, RSE 1B*, RSE 3A, RSE 10, RSE 18, RSE 19, SCA 3A, Z 9
Nonvolatile beta	ASB 3A, BG 107, BGO 50D, DCB 9, F 14, FTF 13*, HSB 66, HTF 3*, HTF 5, HTF 6, IDB 7, KRP 2*, LCO 2*, LCO 3, LSB 3, MGG 19, MGG 23, MSB 5B, MSB 21C, MSB 77D, RSA 8, RSA 9, RSB 8, RSB 9, RSC 2, RSC 4, RSC 7, RSC 8, RSC 9, RSC 10*, RSE 6*, RSE 10, RSE 18
Total alpha-emitting radium	BG 107, DCB 9, FSB 88D, FTF 5, HTF 6, MSB 55HC, RSD 1
Tritium	BG 67, BGO 46B, BGX 5D, DCB 10, HSB118A, HSB132C*, HSB152, KSB 1*, KSB 3*, MGG 19, MSB 41TA, MSB 50B, MSB 50D, MSB 51B, MSB 52B, ZW 7

† The questioned result is at least 10 times higher than historical data. Because holding time had been exceeded, the laboratory did not reanalyze the sample.

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

A technical review of the quarter's data identified at least one reported result of the analyses in table 9 as low in comparison to historical

data. A review of the laboratory records did not reveal any problems with the analyses, except as noted previously.

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

<u>Analyte</u>	<u>Wells</u>
Aluminum	BGO 6B, DCB 12
Barium	BGO 5D
Cadmium	RSA 7*, RSA 8, RSA 9*
Calcium	AMB 4D, AOB 2, BGO 5C, DCB 12, FSB 78C*, PRP 2*
Copper	HSB 67
1,1-Dichloroethylene	RRP 2
Fluoride	DCB 7, DCB 9, HSB113D
Lead	HTF 17
Iron	BG 52, BGO 6B, CCB 3, FSL 6D*
Magnesium	AMB 13AR, DCB 12
Nickel	HTF 20
Nitrate-nitrite as nitrogen	ABP 8C, BGO 35D, FSB 91D†, HSB125D, HSB132D, HSB142D, HSB152D†, HTF 8†, IDQ 3B, MSB 8B†, MSB 55HC, TNX 10D
Potassium	BGO 6B
Sodium	BGO 6B, PSB 2A
Specific conductance	ABP 8C
Sulfate	DCB 12, FSB112C†, PCB 4A†
Tin	BGO 6B

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Table 9. GE Samples with Low Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Total dissolved solids	DCB 12, MSB 55D, MSB 81B
Total organic halogens	CSB 3A, DOB 2, FCA 10C†, MSB 1D†, MSB 11B†, MSB 44C, PCB 4A†
Total phosphates (as P)	BGO 10DR, HSB119A, HSB135C†, PCB 3A†
Total suspended solids	RSA 7
1,1,1-Trichloroethane	BGO 14CR
Trichloroethylene	TNX 10D†
Trichlorofluoromethane	LFW 47D
Turbidity	BGO 6B, BGO 10AA†, BGO 10DR, BGO 17DR, BGO 34D†, FAC 4, KAC 4
Gross alpha	BGO 5D, FCA 2D*, HSB116D*, MSB 46C, RSE 6*, ZW 10
Nonvolatile beta	DBP 2, FCA 1N*, FCA 2D*, FTF 7*, MSB 46C, ZW 10
Total alpha-emitting radium	BGO 43CR, BGO 43D, FCA 1N, MSB 44C
Tritium	BGO 6B, BGO 10C, BGO 31D, BGO 35D, CSB 3A, HSB132D*, HSB138D*, HSB152D, PSB 2A, RAC 3, RAC 4

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

† The questioned value is at least 10 times lower than historical data. Because holding time had been exceeded, the laboratory did not reanalyze the sample.

Table 10 lists the reasons GE did not perform certain analyses on samples from wells that could be sampled. See the **Sample Schedul-**

ing, Field Notes, and Analytical Results sections of this report for more information on wells scheduled but not sampled this quarter.

Table 10. Analyses Not Performed by GE

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
FCA 1N, 10D	Herbicide/pesticides	Insufficient water for complete sample collection
FCA 2C	All scheduled analyses other than GCMS VOA and total organic carbon	Insufficient water for complete sample collection
HTF 14	Ammonia	Insufficient water for complete sample collection
MGC 9	2,4-Dichlorophenoxyacetic acid, 2,4,5-TP (Silvex)	Insufficient water for complete sample collection
MGC 23	All scheduled analyses other than total organic carbon	Insufficient water for complete sample collection
MGE 21	Herbicides/pesticides, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium	Insufficient water for complete sample collection
MGE 34	All scheduled analyses other than chloride, endrin, fluoride, lindane, methoxychlor, pH, specific conductance, sulfate, total dissolved solids, toxaphene, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium	Insufficient water for complete sample collection
MGG 15	2,4-Dichlorophenoxyacetic acid, 2,4,5-TP (Silvex)	Insufficient water for complete sample collection
MSB 15C	All scheduled analyses other than GCMS VOA and alpha-spec uranium	Insufficient water for complete sample collection

ANALYTICAL-DATA REVIEW

Table 10. Analyses Not Performed by GE (cont.)

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
MSB 24	2,4-Dichlorophenoxyacetic acid, 2,4,5-TP (Silvex)	Insufficient water for complete sample collection
MSB 38D	Herbicides/pesticides	Insufficient water for complete sample collection
MSB 41D	2,4-Dichlorophenoxyacetic acid, 2,4,5-TP (Silvex)	Insufficient water for complete sample collection
MSB 52D	Chloride, fluoride, herbicides/pesticides, pH, specific conductance, sulfate, total dissolved solids, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium	Insufficient water for complete sample collection
RSE 4B	Herbicides/pesticides, gross alpha, nonvolatile beta, total alpha-emitting radium	Insufficient water for complete sample collection
ZBG 1A	Chloride, fluoride, herbicides/pesticides, nitrite as nitrogen, pH, specific conductance, sulfate, total dissolved solids, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium	Insufficient water for complete sample collection

Review of the Environmental Physics Data

A technical review of the quarter's analytical data identified at least one reported result of the Environmental Physics analyses in tables 11 and 12 as being either high or low in com-

parison with historical data. A review of the laboratory records did not reveal any problems with the analyses. Analyses subcontracted to Teledyne also are included in this section.

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

<u>Analyte</u>	<u>Wells</u>
Cobalt-60	HSB103D
Iodine-129	HSB114D*
Radium-226	HSB118A
Radium-228	HSB 65, HSB 65B
Strontium-89	HSB 67*, HSB 69, HSB 86C*, HSB 86D, HSB103D*, HSB107D, HSB116D
Strontium-90	FCA 9DR, HSB 86C*, HSB134D
Technetium-99	FSB 76*, FSB 98D*, HSB 69*, HSB 86B*, HSB 86C*, HSB 86D*, HSB101D*, HSB103D*, HSB105D*, HSB107D*, HSB111E*, HSB114D*, HSB116D*, HSB129D*, HSB134D*, HSB137D*
Thorium-230	HSB 65A

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

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Table 12. Environmental Physics Samples with Low Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Iodine-129	HSB107D*
Radium-226	HSB 69
Radium-228	HSB 86D
Strontium-89	FCA 9DR*
Strontium-90	HSB111E
Thorium-232	FSB123D
Uranium-238	FSB123D*

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

Review of the Weston Analytical Data

Weston subcontracted radionuclide analyses to TMA/Eberline (TM). The results from these analyses are discussed in this section. High levels of total dissolved solids and total suspended solids were observed in the gross alpha and nonvolatile beta analyses TM performed for the following samples: SSS 1, SSS 2, SSS 3, SSS 4, SSS 5, SSS 6, SSS 7, SSS 8, SSS 10, SSS 11, SSS 19, SSS 20, SSS 22, SSS 23, SSS 24, SSS 25, SSS 26, and SSS 27. In order to obtain higher quality data and results, the samples were run as dissolved and suspended fractions for gross alpha and nonvolatile beta; the summation of these two results is reported.

In narratives accompanying data, Weston provided detailed information on quality control analyses that were outside of guidance or control limits. These included a number of matrix spike recoveries for metals and blank spike and matrix spike recoveries for semivolatiles and pesticides; and surrogate recoveries for pesticides, semivolatiles and GCMS volatiles. Weston also specified a number of samples for which the relative percent difference between duplicate results for various metals is greater than 20%.

Some surrogate recoveries for pesticides and some surrogate, matrix spike, and blank spike recoveries for semivolatiles were outside of guidance or control limits. In addition, some blank spike and matrix spike recoveries for endrin were outside of guidance or control

limits. Surrogate recoveries for the pesticide fraction for the following samples were low: FAC 3, FAC 4, FAC 5, FAC 6, FAC 7, FAC 8, SSS 1, SSS 2, SSS 3, SSS 4, SSS 5, SSS 6, SSS 7, SSS 8, SSS 10, SSS 11, SSS 12, SSS 19, SSS 20, SSS 21, SSS 22, SSS 23, SSS 24, SSS 25, SSS 26, and SSS 27. The samples were reextracted out of holding; similar results were obtained indicating matrix interference. Metals matrix spikes for the SSS well samples listed above were outside control limits due to matrix interference; reddish-brown sediment was observed in all samples during the metals digestion process. Matrix interference also caused a low spike recovery for calcium for KSS 1D.

The total organic halogens analyses for IDQ 3A were reanalyzed using a twofold dilution factor. However, insufficient sample volume prevented reanalysis; Weston was unable to determine the exact total organic halogen value and reported a result less than the detection limit.

Beginning first quarter 1992, Weston was asked to use the analytical modifier V to flag sample results associated with internal laboratory blanks having elevated results. (See p. A-2.) Weston did not follow this procedure until fourth quarter 1992, when the modifier was used to flag sample results associated with method laboratory blanks at the preparation step having results above the instrument detection limit.

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Table 13 associates well samples with specific blanks having elevated results, without regard

to the modifiers used in Appendix A.

Table 13. Weston Laboratory Blanks with Elevated Results

<u>Analyte</u>	<u>Run Date</u>	<u>Result</u>	<u>Well Samples Accompanying Blanks</u>
Acetone	01/21/93	27.4 µg/L	LFW 39, LFW 59B, LFW 59C, LFW 59D, LFW 62B, LFW 62C, LFW 62D
Bis(2-ethylhexyl) phthalate	03/15/93	74.2 µg/L	ZDT 1
Magnesium	01/23/93	28.8 µg/L	LFW 38, LFW 59B, LFW 59C, LFW 59D
Magnesium	01/24/93	28.6 µg/L	LFW 39, LFW 62B, LFW 62C, LFW 62D
Magnesium	01/29/93	25.0 µg/L	HSB 85C
Magnesium	03/08/93	39.7 µg/L	FSB123D
Phenols	02/08/93	9.64 µg/L	HSB 85C, LFW 6, LFW 8, LFW 44D, LFW 45D, LFW 46D, LFW 47C, LFW 47D, LFW 48C, LFW 48D, LFW 55C, LFW 55D, LFW 56D, LFW 60D, MSB 50B

Weston found no errors upon reviewing the records of the EPD/EMS blind blanks having

elevated results. The blanks are listed in table 14, along with their associated samples.

Table 14. EPD/EMS Blind Blanks with Elevated Results from Weston

<u>Analyte</u>	<u>Blank</u>	<u>Result</u>	<u>Associated Samples</u>
Acetone	QA 142A	42.9 µg/L	LFW 23, LFW 28, LFW 33, LFW 34, LFW 35, LFW 43B, LFW 43C, LFW 43D
Acetone	QA 144A	17.0 µg/L	LFW 39, LFW 59B, LFW 59C, LFW 59D, LFW 62B, LFW 62C, LFW 62D
Aluminum	QA 116A	68.2 µg/L	DCB 2A, RAC 3
Chloride	QA 140A	1,280 µg/L	ABP 4, ABW 1, ASB 8A, BGO 6A, BGO 46A, DOB 2, HSB 71, HSB125C, KAC 1, KAC 2, KAC 3, KAC 4, KAC 5, KAC 6, KAC 7, KAC 8, KAC 9, KSS 1D, KSS 2D, KSS 3D, LFW 20, MCB 6C, MSB 70C, MSB 85B
Fluoride	QA 20A	143 µg/L	BGX 5D, BGX 9D, FSB100A, FSB118D, FSS 1D, FSS 2D, FSS 3D, FSS 4D, HAC 1, HAC 2, HAC 3, HAC 4, HMD 2D, HSS 1D, HSS 2D, HSS 3D, PAC 1, PAC 2, PAC 3, PAC 4, PAC 5, PAC 6, PSS 1D, PSS 3D, ZDT 1
Magnesium	QA 12A	28.6 µg/L	BGO 6A
Magnesium	QA 52A	54.2 µg/L	FSB100A, FSB118A
Magnesium	QA 66A	30.4 µg/L	HSB 71, HSB125C
Magnesium	QA 70A	30.8 µg/L	HSB 71, HSB125C
Magnesium	QA 102A	21.8 µg/L	MSB 33A
Magnesium	QA 114A	25.3 µg/L	PCB 2A
Magnesium	QA 116A	46.0 µg/L	DCB 2A, RAC 3
Magnesium	QA 118A	27.4 µg/L	SRW 2A
Magnesium	QA 144A	23.9 µg/L	LFW 39, LFW 62B, LFW 62C, LFW 62D
Nitrate as nitrogen	QA 20A	157 µg/L	ABW 1, AMB 7B, BGX 5D, BGX 9D, FSB 76A, FSB123D, MSB 70C, MSB 85B, PAC 1, PAC 2, PAC 3, PAC 5, PSS 1D, PSS 2D, PSS 3D
Nitrate as nitrogen	QA 108A	142 µg/L	BGO 46B, BGX 5D, MSB 85C, PAC 6

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Table 14. EPD/EMS Blind Blanks with Elevated Results from Weston (cont.)

Analyte	Blank	Result	Associated Samples
Nitrite as nitrogen	QA 136A	151 µg/L	FSS 1D, FSS 2D, FSS 3D
PCB 1260	QA 128A	0.472 µg/L	FSB100A, FSS 1D, FSS 2D, FSS 3D, ZDT 1
Silica	QA 2B	11,200 µg/L	LFW 21, LFW 23, LFW 24, LFW 25, LFW 26, LFW 27, LFW 41, LFW 42, LFW 43B, LFW 43C, LFW 43D, LFW 47C, LFW 47D
Silica	QA 4B	12,300 µg/L	LFW 16
Silica	QA 6B	12,000 µg/L	LFW 28, LFW 31, LFW 32, LFW 33, LFW 34, LFW 35, LFW 38, LFW 40, LFW 57B, LFW 57C, LFW 57D, LFW 59D
Silica	QA 20A	11,700 µg/L	BGX 5D, BGX 9D
Silica	QA 22A	14,300 µg/L	BRD 1
Silica	QA 42A	26,000 µg/L	FBP 2A
Silica	QA 44A	21,300 µg/L	FCB 3, FET 4D, IDB 2A
Silica	QA 46A	14,000 µg/L	FCB 3, FET 4D, IDB 2A
Silica	QA 48A	13,700 µg/L	PCB 2A
Silica	QA 56A	22,200 µg/L	FSB123D
Silica	QA 76A	11,900 µg/L	FCB 3, FET 4D, IDB 2A
Silica	QA 88A	17,900 µg/L	LAC 2
Silica	QA 90A	14,100 µg/L	LAW 3C
Silica	QA 92A	10,300 µg/L	LCO 3
Silica	QA 94A	19,900 µg/L	LRP 1
Silica	QA 114A	27,100 µg/L	PCB 2A
Silica	QA 116A	14,200 µg/L	DCB 2A, RAC 3
Silica	QA 126A	14,800 µg/L	YSC 2A
Sodium	QA 6A	268 µg/L	ACB 2A
Sodium	QA 6B	443 µg/L	LFW 28, LFW 31, LFW 32, LFW 33, LFW 34, LFW 35, LFW 38, LFW 40, LFW 57B, LFW 57C, LFW 57D, LFW 59D
Sodium	QA 18A	1,750 µg/L	BGX 5D, BGX 9D
Sodium	QA 20A	9,390 µg/L	BGX 5D, BGX 9D
Sodium	QA 38A	427 µg/L	DCB 2A, RAC 3
Sodium	QA 56A	321 µg/L	FSB123D
Sodium	QA 64A	3,280 µg/L	HSB 65B
Sodium	QA 100A	285 µg/L	MSB 8B
Sodium	QA 116A	449 µg/L	DCB 2A, RAC 3
Specific conductance	QA 20A	35.9 µS/cm	AMB 7B, BGX 9D, FSB123D, PAC 1, PAC 2, PAC 4, PSS 2D
Total dissolved solids	QA 6B	47,000 µg/L; 49,000 µg/L	LFW 28, LFW 31, LFW 32, LFW 33, LFW 34, LFW 35, LFW 40, LFW 57B, LFW 57C, LFW 57D, LFW 59D
Total dissolved solids	QA 18A	41,000 µg/L	AMB 7B, BGX 9D, FSB 76A, FSB123D, PAC 1, PAC 2, PAC 3, PAC 4, PAC 5, PAC 6, PSS 1D, PSS 2D, PSS 3D
Total dissolved solids	QA 20A	57,000 µg/L	AMB 7B, BGX 9D, FSB 76A, FSB123D, PAC 1, PAC 2, PAC 3, PAC 4, PAC 5, PAC 6, PSS 1D, PSS 2D, PSS 3D
Total dissolved solids	QA 36A	635,000 µg/L	DBP 3, DCB 2A, FBP 2A, LFW 21, LFW 23, LFW 24, LFW 25, LFW 26, LFW 27, LFW 41, LFW 42, LFW 43B, LFW 43C, LFW 43D, LFW 47C, LFW 47D, RAC 3
Total dissolved solids	QA 56A	28,000 µg/L	AMB 7B, BGX 9D, FSB 76A, FSB123D, PAC 1, PAC 2, PAC 3, PAC 4, PAC 5, PAC 6, PSS 1D, PSS 2D, PSS 3D

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Table 14. EPD/EMS Blind Blanks with Elevated Results from Weston (cont.)

<u>Analyte</u>	<u>Blank</u>	<u>Result</u>	<u>Associated Samples</u>
Total dissolved solids	QA 60A	71,000 µg/L	CCB 4, CMP 15A, CMP 15B, CMP 15C, CMP 16B, CRP 4, CSA 3, CSO 1, HCB 1, HXB 1
Total dissolved solids	QA 114A	362,000 µg/L; 363,000 µg/L	PCB 2A
Total phosphates (as P)	QA 8A	238 µg/L	AMB 7B, BGX 9D, FSB 76A, FSB123D, PAC 1, PAC 2, PAC 3, PAC 4, PAC 5, PAC 6, PSS 1D, PSS 2D, PSS 3D
Total phosphates (as P)	QA 30A	347 µg/L	CBR 2D, CCB 2, CMP 15B, CMP 15C, CMP 16B, CSA 3, CSO 1, HWS 2, TBG 5A, TNX 2D
Total phosphates (as P)	QA 60A	201 µg/L	CBR 2D, CCB 4, CMP 15A, CMP 15B, CMP 15C, CMP 16B, CSA 3, CSO 1, HWS 2, TBG 5A, TNX 2D
Vanadium	QA 50A	5.3 µg/L	FSB 76A
Zinc	QA 36A	27.7 µg/L	LDRP 3
Zinc	QA 126A	22.9 µg/L	ZDT 1

Weston reported no problems, other than those discussed on page 64, when asked to review its records of the analyses listed in table 15, in

which at least one reported analytical result was high as compared to historical data.

Table 15. Weston Samples with High Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Acetone	LFW 21*
Aluminum	BRD 1, CBR 2D, CMP 13*, FAC 3*, FAC 6*, FAC 7*, FAC 8*, FSB118D, HAC 2, KSS 1D*, KSS 2D, LFW 36, PAC 5
Barium	CMP 15C, CSD 9D, FAC 7*, LRP 1, PSS 3D, SSS 1, SSS 2, SSS 3, SSS 4*, SSS 5*, SSS 6*, SSS 7, SSS 8*, SSS 10*, SSS 11*, SSS 12*, SSS 17, SSS 19*, SSS 20*, SSS 21*, SSS 22*, SSS 23*, SSS 24*, SSS 26, SSS 27
Benzene	LFW 37, LFW 38, LFW 59D
Cadmium	ASB 8A, AMB 7B, SSS 11*, SSS 12*, SSS 26
Calcium	CMP 15C*, FAC 7, HSB 71, PCB 2A*, SSS 5, SSS 6, SSS 7, SSS 12*, SSS 21, SSS 23, ZDT 1*
Chloride	LFW 39
Chlorobenzene	LFW 8, LFW 17
Chloromethane (Methyl chloride)	HCB 1, HMD 2D, SRW 2A
Chromium	FAC 7, FSB 76A, HWS 2, KAC 8, KSS 2D, LCO 3, LFW 21, LFW 43B, SSS 4*, SSS 5, SSS 6*, SSS 7*, SSS 8*, SSS 10, SSS 11*, SSS 12, SSS 17*, SSS 19, SSS 20*, SSS 21*, SSS 23, SSS 24*, SSS 26, SSS 27*
Copper	FSS 1D, FSS 3D, HSB 85C, LFW 6, PSS 3D, SSS 17
1,1-Dichloroethane	LFW 10A, LFW 23, LFW 39, LFW 59D
Dichloromethane (Methylene chloride)	LFW 16, LFW 22, LFW 37, LFW 39*, LFW 59D, MSB 8B
2,4-Dichlorophenoxyacetic acid	LFW 27
Ethylbenzene	LFW 39
Fluoride	CMP 8A*

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Table 15. Weston Samples with High Analytical Results as Compared to Historical Data
(cont.)

Analyte	Wells
2-Hexanone	LFW 21
Iron	ABW 1, BGO 8AR, BGO 46B, BGX 5D, BGX 9D, BRD 1, CBR 2D, CMP 8B, CMP 10, CMP 11, CMP 12*, CMP 13*, CMP 15B, FAC 6, FAC 7, FNB 3, FSB118D, FSS 1D, HAC 3, HMD 2D, HSB 65B, HSS 1D, HSS 3D*, HWS 2*, KAB 4, KAC 5, KAC 8, KCB 1, KSB 2, KSS 1D*, KSS 2D, LCO 3*, LFW 16*, LFW 19, LFW 23, LFW 24, LFW 25, LFW 28, LFW 29*, LFW 30, LFW 37, LFW 39*, LFW 43B, LFW 44D, LFW 47C, LFW 55D, LFW 61C, LFW 62B, MCB 6C, MSB 8B, MSB 41TA, NPM 19B, PSS 1D, PSS 3D, SSS 1*, SSS 2*, SSS 3*, SSS 4*, SSS 5*, SSS 6*, SSS 7*, SSS 8*, SSS 10*, SSS 11*, SSS 12*, SSS 17*, SSS 19*, SSS 20*, SSS 21*, SSS 22*, SSS 23*, SSS 24*, SSS 25, SSS 26*, SSS 27*, TNX 2D, XSB 1A
Lead	CMP 15B, FSS 1D, FSS 3D, KAC 7, SSS 1, SSS 2, SSS 4*, SSS 5, SSS 6, SSS 7, SSS 8*, SSS 11, SSS 12, SSS 17*, SSS 21, SSS 24, SSS 25, SSS 26*, SSS 27
Magnesium	FAC 7, LCO 3, LFW 35, LFW 39, PCB 2A*, SSS 4, SSS 5, SSS 6, SSS 7, SSS 12*, SSS 19, SSS 20, SSS 21, SSS 23, SSS 24, SSS 26
Manganese	CMP 15B, FAC 7, FSS 2D, HAP 1, KAC 5, KCB 1, LCO 3, LFW 6, LFW 38, LFW 39, PCB 2A, SSS 1, SSS 2, SSS 4, SSS 5, SSS 6*, SSS 7, SSS 8*, SSS 10, SSS 11*, SSS 12*, SSS 17*, SSS 19*, SSS 20*, SSS 21*, SSS 22*, SSS 23*, SSS 24*, SSS 26, SSS 27, YSC 2A
Mercury	LFW 38, LFW 62C, LFW 62D, MSB 33A, MSB 70C, SSS 1, SSS 5, SSS 7*, SSS 8*, SSS 10*, SSS 12, SSS 23, SSS 26, SSS 27
Methyl ethyl ketone	LFW 21*
Nickel	LFW 25, LFW 62B
Nitrate as nitrogen	ACB 2A, CMP 9B, CMP 12, CMP 14C, DBP 3, DCB 2A, LFW 20, LFW 38, LFW 62D, XSB 1A, YSC 2A
Nitrite as nitrogen	FSS 1D, PSS 1D
Phenols	FAC 6, LFW 10A, LFW 29, LFW 58D
Potassium	AMB 7B, BGO 6A, CMP 8, CMP 13, CMP 15C, DOB 2, HCB 1, LFW 59B, SSS 5, SSS 11, SSS 12, SSS 19, SSS 20, SSS 21, SSS 24
Silica	FAC 7, PCB 2A, SSS 1, SSS 2, SSS 4, SSS 5, SSS 6, SSS 7, SSS 8, SSS 10, SSS 11, SSS 12*, SSS 17, SSS 19, SSS 20*, SSS 21*, SSS 23*, SSS 24, SSS 25, SSS 26*, SSS 27
Silver	LFW 40, LFW 61D
Sodium	BGO 6A, LFW 39
Specific conductance	CMP 15C*, LFW 39, LFW 61C, LRP 1, PCB 2A*, ZDT 1
Sulfate	FSB 76A, FSB100A, HCB 1, LFW 6, LFW 61C
Toluene	LFW 10A, LFW 43C
Total dissolved solids	ABW 1, ACB 2A, BGX 9D, CCB 4, CMP 12, CMP 13, CMP 14C, CMP 15C*, FSB123D, HAC 1, HAC 4, KRP 4, KSB 2, LFW 10A, LFW 19, LFW 25, LFW 30, LFW 42, LSB 2, ZDT 1
Total organic carbon	ACB 2A, BGO 6A, FAC 7, KSS 1D, LFW 10A, LFW 62D, MSB 8B, SSS 2, SSS 6

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Table 15. Weston Samples with High Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Total organic halogens	HAC 2, HAC 4, HAP 1, HSB 71, IDB 2A, IDQ 3A, KCB 1, LAW 3C, LFW 41, LFW 42, LFW 59D, LFW 61D, PCB 2A, ZDT 1
Total phosphates (as P)	BGO 46B, FSB123D, FSS 4D, KSS 1D, MSB 8B, SSS 1, SSS 2*, SSS 7, SSS 20, TBG 5A, TNX 2D
2,4,5-TP (Silvex)	LFW 37
1,1,1-Trichloroethane	LFW 41
Trichloroethylene	HCB 1, LFW 39, LFW 59D
Trichlorofluoromethane	BGO 8AR, LFW 59D
Turbidity	KAC 8*
Vanadium	LFW 16, LFW 27
Xylenes	LFW 10A, LFW 17, LFW 21, LFW 22, LFW 37*, LFW 39, LFW 40
Zinc	BGO 6A, FSB100A, HCB 1, HSB 85C
Gross alpha	FAC 3, FAC 4, FAC 6, FAC 7, LFW 6, LFW 8, LFW 18, LFW 20, LFW 21, LFW 35, LFW 39, LFW 57B, LFW 59B, LFW 59C, LFW 61C, LFW 62B, LFW 62D, MSB 50B, PCB 2A, SSS 2, SSS 3, SSS 4*, SSS 5*, SSS 6, SSS 7*, SSS 8*, SSS 10*, SSS 11*, SSS 17*, SSS 20*, SSS 22*, SSS 23*, SSS 24*, SSS 25*, SSS 26*, SSS 27*
Nonvolatile beta	BGO 6A, FAC 3, FAC 4, FAC 7, KAC 9, KRP 4, LFW 6, LFW 8, LFW 10A, LFW 21, LFW 35, LFW 48D, LFW 59B, PCB 2A, SSS 2*, SSS 3, SSS 4*, SSS 5*, SSS 6*, SSS 7*, SSS 8*, SSS 10*, SSS 11*, SSS 17*, SSS 19, SSS 20*, SSS 22, SSS 23*, SSS 24*
Radium-226	LFW 8, SSS 5, SSS 7*, SSS 8
Radium-228	CBR 2D, CSD 9D, HCB 1, HXB 1, LCO 3, LFW 21, LFW 25, LFW 31, LFW 35, LFW 40, LFW 41, LFW 43B, LFW 43D, LFW 48D, LFW 55C, LFW 57C, LFW 57D, LFW 58D, LFW 59B, LFW 59C, LFW 60D, LFW 61C, LFW 62B, LFW 62D, MSB 70C, PAC 6, SSS 2, SSS 3, SSS 5, SSS 7, SSS 8*
Tritium	ACB 2A, BGO 46B, LFW 24, LFW 39*, LFW 43B, LFW 46D, LFW 59D

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

A technical review of the quarter's analytical data identified at least one reported result of the analyses in table 16 as low in comparison

to historical data. When asked to review the laboratory records, Weston did not report any problems with the analyses.

Table 16. Weston Samples with Low Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Barium	CMP 15B
Calcium	CMP 15B*, HWS 2, LSB 2
Copper	HSB 71
Iron	DOB 2, LFW 22, KAC 1
Magnesium	KAC 1
Manganese	HAC 2, LRP 1, LSB 2, PAC 3

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Table 16. Weston Samples with Low Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Nitrate as nitrogen	FNB 3, HAC 2, LFW 16, LFW 19, LFW 22, LFW 25, LFW 27, LFW 33*, LFW 34, SSS 3, SSS 8*, SSS 17*
Phenols	LFW 22
Potassium	CMP 15B
Silica	LRP 1
Sodium	KAC 1, LRP 1
Specific conductance	CMP 15B, KAC 1, LCO 3, PAC 3*
Sulfate	KAC 1, LRP 1
Total dissolved solids	AMB 7B*, BRD 1*, FNB 3*, FSB100A*, FSS 2D*, FSS 3D, HMD 2D*, HSB 85C, HXB 1, IDQ 3A, KAC 1*, KSB 2*, KSS 1D*, KSS 2D, LFW 31, LFW 32, LFW 40, LFW 41, LFW 55D, MSB 41TA, SSS 19
Total organic carbon	SSS 11
Total organic halogens	SSS 11
Trichloroethylene	LAC 2
Turbidity	HAC 2, KAC 4
Gross alpha	CSA 3, HSB 85C, LFW 22, MSB 8B
Nonvolatile beta	LFW 62C, ZDT 1
Radium-226	BGX 5D, BGX 9D, LFW 22, MCB 6C
Radium-228	BGX 9D
Tritium	CMP 15C, FSS 1D*, FSS 2D*, FSS 3D*, FSS 4D*, HAC 2*, HAC 3*, HAC 4*, HSS 2D, HSS 3D, LFW 16, SSS 20

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

Table 17 lists scheduled analyses that were not performed by Weston or its subcontractor, along with the reasons. The two primary laboratories (GE and Weston) differ in their analytical suite assignments for certain constituents. When samples are sent to Weston only as splits or blind replicates, no adjustments are made for

these differences in suites. Thus, some analytes may not be analyzed by both laboratories. See the **Sample Scheduling**, **Field Notes**, and **Analytical Results** sections of this report for more information on wells scheduled but not sampled this quarter.

Table 17. Analyses Not Performed by Weston

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
BGO 6A	Naphthalene	Not in laboratory contract
BGO 8AR	Tributyl phosphate	Not in laboratory contract
BGO 46B	Naphthalene, tributyl phosphate	Not in laboratory contract
BGX 5D	Naphthalene	Not in laboratory contract
BGX 9D	Naphthalene	Not in laboratory contract
CSA 3	Trichlorofluoromethane	Not included in priority pollutants volatiles analyses
DBP 3	Benzidine, bis(2-chloroisopropyl) ether, 2,4,5-T	Not reported
DBP 3	Benzoic acid	Not in laboratory contract

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Table 17. Analyses Not Performed by Weston (cont.)

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
DBP 3	Dimethoate, p-dimethylaminoazobenzene, disulfoton, famphur, parathion, parathion methyl, phorate, tetraethyl dithiopyrophosphate, thionazin, O,O,O-triethyl phosphorothioate	Insufficient water for organophosphate pesticides analyses
FSB 76A	Bis(2-ethylhexyl) phthalate	Not in laboratory contract
FSB100A	Bis(2-ethylhexyl) phthalate	Not in laboratory contract
FSB118D	Bis(2-ethylhexyl) phthalate	Not in laboratory contract
FSB123D	Bis(2-ethylhexyl) phthalate	Not in laboratory contract
HAP 1	Alkalinity (as CaCO ₃), ammonia, benzoic acid	Not in laboratory contract
HAP 1	Dimethoate, p-dimethylaminoazobenzene, disulfoton, famphur, parathion, parathion methyl, phorate, tetraethyl dithiopyrophosphate, thionazin, O,O,O-triethyl phosphorothioate	Insufficient water for organophosphate pesticides analyses
HAP 1	2,4,5-T	Not reported
HCB 1	Alkalinity (as CaCO ₃), ammonia, benzoic acid	Not in laboratory contract
HCB 1	Dimethoate, p-dimethylaminoazobenzene, disulfoton, famphur, parathion, parathion methyl, phorate, tetraethyl dithiopyrophosphate, thionazin, O,O,O-triethyl phosphorothioate	Insufficient water for organophosphate pesticides analyses
HCB 1	2,4,5-T	Not reported
HMD 2D	Naphthalene	Not in laboratory contract
RAC 3	Alkalinity (as CaCO ₃)	Not in laboratory contract
SSS 12	Chloride, fluoride, herbicides/pesticides, pH, phenols, specific conductance, sulfate, total dissolved solids, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium	Insufficient water for complete sample collection
SSS 21	Chloride, fluoride, herbicides/pesticides, pH, phenols, specific conductance, sulfate, total dissolved solids, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium	Insufficient water for complete sample collection
ZDT 1	Alkalinity (as CaCO ₃), ammonia, benzoic acid	Not in laboratory contract
ZDT 1	Dimethoate, p-dimethylaminoazobenzene, disulfoton, famphur, parathion, parathion methyl, phorate, tetraethyl dithiopyrophosphate, thionazin, O,O,O-triethyl phosphorothioate	Insufficient water for organophosphate pesticides analyses
ZDT 1	2,4,5-T	Not reported

ANALYTICAL-DATA REVIEW

Review of the Clemson TC Analytical Data

Clemson TC performed some of the radionuclide analyses during first quarter. The laboratory reported no problems when asked to review its records of the analyses listed in tables 18 and 19, in which at least one reported result of the analyses was high or low as compared to historical data.

The following results should be treated as suspect, because of matrix interference: HSB 65B for strontium-89 and HSL 3D for technetium-99. The technetium-99 and iodine-129 analyses for the following samples were preserved incorrectly with nitric acid: HTF 23, HTF 24, LCO 2, and LCO 3.

Table 18. Clemson TC Samples with High Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Americium-241	FSB 78, FSB117D, FSB119D*
Cesium-137	HTF 6
Cobalt-60	FSB 92D
Curium-242	FSB 78, FSB 92D, FSB104D, FSB110D
Curium-243/244	FSB 78, FSB 79, FSB 92D
Iodine-129	FSB 92D
Manganese-54	RDB 2D
Radium-226	FNB 2, HSB 65B
Radium-228	FNB 2, FSB 78, FSB 78C, FSB 89D, FSB 90D, FSB 92D*, FSB102C, FSB104D, FSB106C*, FSB107C, FSB110D, FSB112C, FSB112D*, FSB119D
Strontium-89	FSB114D*, HSB 65B*
Strontium-89/90	FNB 3
Strontium-90	FSB 78A*, FSB112C*, HSL 4D, HSL 5D, HSL 6D, RSA 7, RSD 1
Technetium-99	FSB 78*, FSB 78C*, FSB 79*, FSB 79C*, FSB 87C*, FSB 89D*, FSB 90D*, FSB 91D*, FSB 92D*, FSB 98D*, FSB102C*, FSB103C*, FSB104D*, FSB106C*, FSB110D*, HSL 1D, HSL 3D, HSL 8D
Uranium-233/234	FSB 90D, FSB 98D*, FSB106C, FSB117D, FSB119D
Uranium-235	FSB 90D
Uranium-238	FSB 98D*, FSB106C

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

Table 19. Clemson TC Samples with Low Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Cesium-137	FCA 10C
Radium-226	FSB117D
Strontium-89	FCA 9DR, FSB 79C, FSB112C*
Strontium-90	FSB 79*, FSB 79C*, FSB 91D*
Thorium-228	FSB106C
Thorium-230	FSB106C

ANALYTICAL-DATA REVIEW

Table 19. Clemson TC Samples with Low Analytical Results as Compared to Historical Data (cont.)

<u>Analyte</u>	<u>Wells</u>
Thorium-232	FSB106C, FSB112A*, FSB120A*
Uranium-238	BG 93, BG 94, BG 95, BG 104*, BG 107, BG 110, FSB112A*, FSB112C*, FSB113A*, FSB113C, FSB114D*, FSB120A*, FSB123D*, HCA 2*, HCA 3*, HCA 4*, IDB 1C*, IDB 8, IDB 10

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

Table 20 lists the reasons Clemson TC did not perform certain analyses on samples from wells that could be sampled. See the **Sample Sched-**

uling, Field Notes, and Analytical Results sections of this report for more information on wells scheduled but not sampled this quarter.

Table 20. Analyses Not Performed by Clemson TC

<u>Wells</u>	<u>Analytes</u>	<u>Reason</u>
HTF 14	Americium-241, curium-242, iodine-129, neptunium-237, plutonium-238, technetium-99, thorium-228, uranium-233/234	Insufficient water for complete sample collection
MSB 15C	Uranium-233/234	Insufficient water for complete sample collection
ZBG 1A	Technetium-99	Insufficient water for complete sample collection

Review of the EM Lab Radioactive Analytical Data

A technical review of the quarter's analytical data from the EPD/EMS laboratory identified

the analyses in tables 21 and 22 as being either high or low as compared to historical data.

Table 21. EM Lab Samples with High Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Total activity	BG 55, BGO 45D, F 17, FSL 8D, KSB 1, KSB 3
Tritium	KSB 1, KSB 3

Table 22. EM Lab Samples with Low Analytical Results as Compared to Historical Data

<u>Analyte</u>	<u>Wells</u>
Total activity	CSB 3A, HSB138D, MGG 36, PSB 2A

ANALYTICAL-DATA REVIEW

ANALYTICAL METHODS

CE and Weston performed most of the analyses conducted during first quarter, using the methods listed in table 23.

Spencer Testing Services, Inc. (SP), conducted analyses for asbestos by electron microscopy, with a detection limit of 0.311 million structures per liter (MSL).

EM Lab at SRS conducted selected radionuclide analyses of samples required by the Groundwater Monitoring Program. The gross alpha and nonvolatile beta analytical methods used by the EM Lab are in-house methods based on applicable EPA methods. Methods used by EPD/EMS for testing other radioisotopes are also in-house analytical methods. EM Lab radi-

oactivity determinations are reported as the absolute concentrations calculated from the analytical tests.

GP, TE, TM, and Clemson TC performed the radionuclide analyses. Their methods and detection limits, including in-house methods (CTC0009, EMLRA-05, HASL300, and MMEC038) based on applicable EPA and DOE procedures, are listed in table 24.

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 23. Methods and Detection Limits Used by the Primary Laboratories

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
Acenaphthene	EPA8270	10 µg/L	EPA8270	10 µg/L
Acenaphthylene	EPA8270	1	EPA8270	10 µg/L
Acetone	EPA8240	1	EPA8240	10 µg/L
Acetonitrile (Methyl cyanide)	EPA8240	1	EPA8240	20 µg/L
Acetophenone	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Acetylaminofluorene	EPA8270	10 µg/L	EPA8270	10 µg/L
Acrolein	EPA8240	20 µg/L	EPA8240	10 µg/L
Acrylonitrile	EPA8240	20 µg/L	EPA8240	10 µg/L
Aldrin	EPA8080	0.05 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
Alkalinity (as CaCO ₃)	EPA310.1	1,000 µg/L	-	-
Allyl chloride	EPA8240	50 µg/L	EPA8240	100 µg/L
Aluminum	EPA6010*	20 µg/L	EPA200.7*	20 µg/L
4-Aminobiphenyl	EPA8270	10 µg/L	EPA8270	10 µg/L
Ammonia nitrogen	EPA350.1	100 µg/L	-	-
Aniline	EPA8270	10 µg/L	EPA8270	10 µg/L
Anthracene	EPA8270	10 µg/L	EPA8270	10 µg/L
Antimony	EPA7041	2 µg/L	EPA204.2	3 µg/L
Aramite	EPA8270	10 µg/L	EPA8270	20 µg/L
Arsenic	EPA7060	2 µg/L	EPA206.2	2 µg/L
Barium	EPA6010	3 µg/L	EPA200.7	4 µg/L
Benzene	EPA8240	1 µg/L	EPA8240	5 µg/L

- No detection limit or not analyzed.

* Methods 200.7 and 6010 are inductively coupled plasma atomic emission spectroscopy methods for metals determination. Method 200.7 is published for Safe Drinking Water Act investigations; method 6010 is published for RCRA determinations.

ANALYTICAL-DATA REVIEW

Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
alpha-Benzene hexachloride	EPA8080	0.05 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
beta-Benzene hexachloride	EPA8080	0.05 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
delta-Benzene hexachloride	EPA8080	0.05 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
Benzidine	EPA8270	10 µg/L	EPA8270	50 µg/L
Benzo[a]anthracene	EPA8270	10 µg/L	EPA8270	10 µg/L
Benzo[b]fluoranthene	EPA8270	10 µg/L	EPA8270	10 µg/L
Benzo[k]fluoranthene	EPA8270	10 µg/L	EPA8270	10 µg/L
Benzoic acid	EPA8270	10 µg/L	-	-
Benzo[g,h,i]perylene	EPA8270	10 µg/L	EPA8270	10 µg/L
Benzo[a]pyrene	EPA8270	10 µg/L	EPA8270	10 µg/L
Benzyl alcohol	EPA8270	10 µg/L	EPA8270	10 µg/L
Beryllium	EPA6010	3 µg/L	EPA200.7	3 µg/L
Bis(2-chloroethoxy) methane	EPA8270	10 µg/L	EPA8270	10 µg/L
Bis(2-chloroethyl) ether	EPA8270	10 µg/L	EPA8270	10 µg/L
Bis(2-chloroisopropyl) ether	EPA8240	10 µg/L	EPA8270	10 µg/L
	EPA8270	10 µg/L	-	-
Bis(2-ethylhexyl) phthalate	EPA8270	10 µg/L	EPA8270	10 µg/L
Bromide	EPA300.0	1,000 µg/L	-	-
Bromodichloromethane	EPA8240	1 µg/L	EPA8240	5 µg/L
Bromoform	EPA8240	1 µg/L	EPA8240	5 µg/L
Bromomethane (Methyl bromide)	EPA8240	1 µg/L	EPA8240	10 µg/L
4-Bromophenylphenyl ether	EPA8270	10 µg/L	EPA8270	10 µg/L
Butylbenzyl phthalate	EPA8270	10 µg/L	EPA8270	10 µg/L
2-sec-Butyl-4,6-dinitrophenol	EPA8270	10 µg/L	EPA8270	50 µg/L
Cadmium	EPA6010	2 µg/L	EPA200.7	2 µg/L
Calcium	EPA6010	10 µg/L	EPA200.7	10 µg/L
Carbonate	EPA310.1	1,000 µg/L	SM403	1,000 µg/L
Carbon disulfide	EPA8240	1 µg/L	EPA8240	5 µg/L
Carbon tetrachloride	EPA8240	1 µg/L	EPA8240	5 µg/L
	EPA8010	1 µg/L	EPA8010	1 µg/L
Chlordane	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
	EPA8270	10 µg/L	-	-
Chloride	EPA300.0	250 µg/L	EPA325.2	250 µg/L
4-Chloroaniline	EPA8270	10 µg/L	EPA8270	10 µg/L
Chlorobenzene	EPA8240	1 µg/L	EPA8240	5 µg/L
Chlorobenzilate	EPA8270	10 µg/L	EPA8270	10 µg/L
Chloroethane	EPA8240	1 µg/L	EPA8240	10 µg/L
Chloroethene (Vinyl chloride)	EPA8240	1 µg/L	EPA8240	10 µg/L
2-Chloroethyl vinyl ether	EPA8240	1 µg/L	EPA8240	10 µg/L
	EPA8270	10 µg/L	-	-
para-Chloro-meta-cresol	EPA8270	10 µg/L	EPA8270	10 µg/L
Chloroform	EPA8240	1 µg/L	EPA8240	5 µg/L
	EPA8010	1 µg/L	EPA8010	1 µg/L
Chloromethane (Methyl chloride)	EPA8240	1 µg/L	EPA8240	10 µg/L

- No detection limit or not analyzed.

ANALYTICAL-DATA REVIEW

Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
2-Chloronaphthalene	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Chlorophenol	EPA82720	10 µg/L	EPA8270	10 µg/L
4-Chlorophenylphenyl ether	EPA8270	10 µg/L	EPA8270	10 µg/L
Chloroprene	EPA8240	200 µg/L	EPA8240	20 µg/L
Chromium	EPA6010	4 µg/L	EPA200.7	4 µg/L
Chrysene	EPA8270	10 µg/L	EPA8270	10 µg/L
Cobalt	EPA6010	4 µg/L	EPA200.7	4 µg/L
Copper	EPA6010	4 µg/L	EPA200.7	4 µg/L
o-Cresol (2-Methylphenol)	EPA8270	10 µg/L	EPA8270	10 µg/L
m-Cresol (3-Methylphenol)	EPA8270	10 µg/L	EPA8270	10 µg/L
p-Cresol (4-Methylphenol)	EPA8270	10 µg/L	EPA8270	10 µg/L
Cyanide	EPA9012	5 µg/L	EPA335.3	5 µg/L
p,p'-DDD	EPA8080	0.1 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
p,p'-DDE	EPA8080	0.1 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
p,p'-DDT	EPA8080	0.1 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
Diallate	EPA8270	10 µg/L	EPA8270	10 µg/L
Dibenz[a,h]anthracene	EPA8270	10 µg/L	EPA8270	10 µg/L
Dibenzofuran	EPA8270	10 µg/L	EPA8270	10 µg/L
Dibromochloromethane	EPA8240	1 µg/L	EPA8240	5 µg/L
1,2-Dibromo-3-chloropropane	EPA8240	1 µg/L	EPA8240	20 µg/L
1,2-Dibromoethane	EPA8240	20 µg/L	EPA8240	20 µg/L
Dibromomethane (Methylene Bromide)	EPA8240	1 µg/L	EPA8240	10 µg/L
Di-n-butyl phthalate	EPA8270	10 µg/L	EPA8270	10 µg/L
1,2-Dichlorobenzene	EPA8240	1 µg/L	EPA8270	10 µg/L
	EPA8270	10 µg/L	EPA8240	5 µg/L
1,3-Dichlorobenzene	EPA8240	1 µg/L	EPA8270	10 µg/L
	EPA8270	10 µg/L	EPA8240	5 µg/L
1,4-Dichlorobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
	EPA8240	1 µg/L	EPA8240	5 µg/L
3,3'-Dichlorobenzidine	EPA8270	10 µg/L	EPA8270	20 µg/L
trans-1,4-Dichloro-2-butene	EPA8240	30 µg/L	EPA8240	100 µg/L
Dichlorodifluoromethane	EPA8240	1 µg/L	EPA8240	10 µg/L
1,1-Dichloroethane	EPA8240	1 µg/L	EPA8240	5 µg/L
1,2-Dichloroethane	EPA8240	1 µg/L	EPA8240	5 µg/L
1,1-Dichloroethylene	EPA8240	1 µg/L	EPA8240	5 µg/L
trans-1,2-Dichloroethylene	EPA8240	1 µg/L	EPA8240	5 µg/L
Dichloromethane (Methylene chloride)	EPA8240	1 µg/L	EPA8240	5 µg/L
2,4-Dichlorophenol	EPA8270	10 µg/L	EPA8270	10 µg/L
2,6-Dichlorophenol	EPA8270	10 µg/L	EPA8270	10 µg/L
2,4-Dichlorophenoxyacetic acid	EPA8150	0.3 µg/L	EPA8150	1 µg/L
1,2-Dichloropropane	EPA8240	1 µg/L	EPA8240	5 µg/L
cis-1,3-Dichloropropene	EPA8240	1 µg/L	EPA8240	5 µg/L
trans-1,3-Dichloropropene	EPA8240	1 µg/L	EPA8240	5 µg/L
Dieldrin	EPA8080	0.5 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-

- No detection limit or not analyzed.

ANALYTICAL-DATA REVIEW

Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
Diethyl phthalate	EPA8270	10 µg/L	EPA8270	10 µg/L
Dimethoate	EPA8270	10 µg/L	-	-
p-Dimethylaminoazobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
7,12-Dimethylbenz[a]anthracene	EPA8270	10 µg/L	EPA8270	10 µg/L
3,3'-Dimethylbenzidine	EPA8270	10 µg/L	EPA8270	10 µg/L
α,α-Dimethylphenethylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
2,4-Dimethyl phenol	EPA8270	10 µg/L	EPA8270	10 µg/L
Dimethyl phthalate	EPA8270	10 µg/L	EPA8270	10 µg/L
1,3-Dinitrobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
2,4-Dinitrophenol	EPA8270	45 µg/L	EPA8270	50 µg/L
2,4-Dinitrotoluene	EPA8270	10 µg/L	EPA8270	10 µg/L
2,6-Dinitrotoluene	EPA8270	10 µg/L	EPA8270	10 µg/L
Di-n-octyl phthalate	EPA8270	10 µg/L	EPA8270	10 µg/L
1,4-Dioxane	EPA8270	10 µg/L	EPA8270	10 µg/L
Diphenylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
1,2-Diphenylhydrazine	EPA8270	10 µg/L	EPA8270	10 µg/L
Dissolved organic carbon	EPA9060	1,000 µg/L	EPA415.1	1,000 µg/L
Disulfoton	EPA8270	10 µg/L	-	-
Endosulfan I	EPA8080	0.1 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
Endosulfan II	EPA8080	0.1 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
Endosulfan sulfate	EPA8080	0.1 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
Endrin	EPA8080	0.006 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
Endrin aldehyde	EPA8080	0.1 µg/L	EPA8080	0.1 µg/L
	EPA8270	10 µg/L	-	-
Ethylbenzene	EPA8240	1 µg/L	EPA8240	5 µg/L
Ethyl methacrylate	EPA8270	10 µg/L	EPA8270	10 µg/L
Ethyl methanesulfonate	EPA8270	10 µg/L	EPA8270	10 µg/L
Famphur	EPA8270	10 µg/L	-	-
Fluoranthene	EPA8270	10 µg/L	EPA8270	10 µg/L
Fluorene	EPA8270	10 µg/L	EPA8270	10 µg/L
Fluoride	EPA340.2	100 µg/L	EPA340.2	100 µg/L
Heptachlor	EPA8080	0.05 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
Heptachlor epoxide	EPA8080	0.05 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
1,2,3,4,6,7,8-HPCDD	EPA8280	0.00065 µg/L	-	-
Heptachlorodibenzo-p-dioxin isomers	EPA8280	0.00065 µg/L	-	-
1,2,3,4,6,7,8-HPCDF	EPA8280	0.00045 µg/L	-	-
Heptachlorodibenzo-p-furan isomers	EPA8280	0.00045 µg/L	-	-
Hexachlorobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
Hexachlorobutadiene	EPA8270	10 µg/L	EPA8270	10 µg/L
Hexachlorocyclopentadiene	EPA8270	10 µg/L	EPA8270	10 µg/L
1,2,3,4,7,8-HXCCD	EPA8280	0.00045 µg/L	-	-

- No detection limit or not analyzed.

ANALYTICAL-DATA REVIEW

Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
Hexachlorodibenzo-p-dioxin isomers	EPA8280	0.00045 µg/L	EPA8280	0.0026 µg/L
1,2,3,4,7,8-HXCDF	EPA8280	0.0004 µg/L	-	-
Hexachlorodibenzo-p-furan isomers	EPA8280	0.0004 µg/L	EPA8280	0.0008 µg/L
Hexachloroethane	EPA8270	10 µg/L	EPA8270	10 µg/L
Hexachlorophene	EPA8270	10 µg/L	EPA8270	90 µg/L
Hexachloropropene	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Hexanone	EPA8240	1 µg/L	EPA8240	10 µg/L
Indeno[1,2,3-c,d]pyrene	EPA8270	10 µg/L	EPA8270	10 µg/L
Iodomethane (Methyl iodide)	EPA8240	15 µg/L	EPA8240	10 µg/L
Iron	EPA6010	4 µg/L	EPA200.7	4 µg/L
Isobutyl alcohol	EPA8240	100 µg/L	EPA8240	20 µg/L
Isodrin	EPA8270	10 µg/L	EPA8080	0.1 µg/L
Isophorone	EPA8270	10 µg/L	EPA8270	10 µg/L
Isosafrole	EPA8270	10 µg/L	EPA8270	10 µg/L
Kepon	EPA8270	10 µg/L	EPA8080	0.1 µg/L
Lead	EPA7421	3 µg/L	EPA239.2	3 µg/L
Lindane (gamma-Benzene hexachloride)	EPA8080	0.005 µg/L	EPA8080	0.05 µg/L
	EPA8270	10 µg/L	-	-
Lithium	EPA6010	5 µg/L	EPA200.7	5 µg/L
Magnesium	EPA6010	2 µg/L	EPA200.7	11 µg/L
Manganese	EPA6010	2 µg/L	EPA200.7	2 µg/L
Mercury	EPA7470	0.2 µg/L	EPA245.1	0.2 µg/L
Methacrylonitrile	EPA8240	50 µg/L	EPA8240	20 µg/L
Methapyrilene	EPA8270	10 µg/L	EPA8270	10 µg/L
Methoxychlor	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
3-Methylcholanthrene	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Methyl-4,6-dinitrophenol	EPA8270	10 µg/L	EPA8270	50 µg/L
Methyl ethyl ketone	EPA8240	1 µg/L	EPA8240	10 µg/L
Methyl isobutyl ketone	EPA8240	1 µg/L	EPA8240	10 µg/L
Methyl methacrylate	EPA8270	10 µg/L	EPA8270	10 µg/L
Methyl methanesulfonate	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Methylnaphthalene	EPA8270	10 µg/L	EPA8270	10 µg/L
Molybdenum	EPA6010	5 µg/L	EPA200.7	25 µg/L
Naphthalene	EPA8270	10 µg/L	EPA8270	10 µg/L
1,4-Naphthoquinone	EPA8270	10 µg/L	EPA8270	10 µg/L
1-Naphthylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Naphthylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
Nickel	EPA6010	4 µg/L	EPA200.7	4 µg/L
Nitrate as nitrogen	-	-	EPA353.2	20 µg/L
Nitrate-nitrite as nitrogen	EPA353.3	50 µg/L	-	-
Nitrite as nitrogen	EPA300.0	10 µg/L	EPA353.2	10 µg/L
o-Nitroaniline	EPA8270	10 µg/L	EPA8270	50 µg/L
m-Nitroaniline	EPA8270	10 µg/L	EPA8270	50 µg/L
p-Nitroaniline	EPA8270	10 µg/L	EPA8270	50 µg/L
Nitrobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
2-Nitrophenol	EPA8270	10 µg/L	EPA8270	10 µg/L
4-Nitrophenol	EPA8270	10 µg/L	EPA8270	50 µg/L
4-Nitroquinoline-1-oxide	EPA8270	10 µg/L	EPA8270	20 µg/L

- No detection limit or not analyzed.

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Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
N-Nitrosodi-n-butylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosodiethylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosodimethylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosodiphenylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosodipropylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosomethylethylamine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosomorpholine	EPA8270	10 µg/L	EPA8270	10 µg/L
N-Nitrosopiperidine	EPA8270	10 µg/L	EPA8270	50 µg/L
N-Nitrosopyrrolidine	EPA8270	10 µg/L	EPA8270	10 µg/L
5-Nitro-o-toluidine	EPA8270	10 µg/L	EPA8270	10 µg/L
Octachlorodibenzo-p-dioxin isomers	EPA8280	0.001 µg/L	-	-
Octachlorodibenzo-p-furan isomers	EPA8280	0.001 µg/L	-	-
Oil & grease	EPA413.1	1,000 µg/L	-	-
Parathion	EPA8080	0.05 µg/L	-	-
Parathion methyl	EPA8080	0.05 µg/L	-	-
PCB 1016	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
	EPA8270	150 µg/L	-	-
PCB 1221	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
	EPA8270	150 µg/L	-	-
PCB 1232	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
	EPA8270	150 µg/L	-	-
PCB 1242	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
	EPA8270	150 µg/L	-	-
PCB 1248	EPA8080	0.5 µg/L	EPA8080	0.5 µg/L
	EPA8270	150 µg/L	-	-
PCB 1254	EPA8080	0.5 µg/L	EPA8080	1 µg/L
	EPA8270	150 µg/L	-	-
PCB 1260	EPA8080	0.5 µg/L	EPA8080	1 µg/L
	EPA8270	150 µg/L	-	-
Pentachlorobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
1,2,3,7,8-PCDD	EPA8280	0.00055 µg/L	-	-
Pentachlorodibenzo-p-dioxin isomers	EPA8280	0.00055 µg/L	EPA8280	0.0017 µg/L
1,2,3,7,8-PCDF	EPA8280	0.00055 µg/L	-	-
Pentachlorodibenzo-p-furan isomers	EPA8280	0.00055 µg/L	EPA8280	0.0015 µg/L
Pentachloroethane	EPA8270	10 µg/L	EPA8270	10 µg/L
Pentachloronitrobenzene	EPA8270	10 µg/L	EPA8270	50 µg/L
Pentachlorophenol	EPA8270	10 µg/L	EPA8270	50 µg/L
Phenacetin	EPA8270	10 µg/L	EPA8270	10 µg/L
Phenanthrene	EPA8270	10 µg/L	EPA8270	10 µg/L
Phenol	EPA8270	10 µg/L	EPA8270	10 µg/L
Phenols	EPA420.2	5 µg/L	EPA420.2	5 µg/L
	-	-	EPA420.1	5 µg/L
p-Phenylenediamine	EPA8270	10 µg/L	EPA8270	10 µg/L
Phorate	EPA8080	0.1 µg/L	-	-
2-Picoline	EPA8270	10 µg/L	EPA8270	10 µg/L
Potassium	EPA6010	500 µg/L	EPA200.7	500 µg/L

- No detection limit or not analyzed.

ANALYTICAL-DATA REVIEW

Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
Pronamid	EPA8270	10 µg/L	EPA8270	10 µg/L
Propionitrile	EPA8240	200 µg/L	EPA8240	50 µg/L
Pyrene	EPA8270	10 µg/L	EPA8270	10 µg/L
Pyridine	EPA8270	10 µg/L	EPA8270	10 µg/L
Safrole	EPA8270	10 µg/L	EPA8270	10 µg/L
Selenium	EPA7740	2 µg/L	EPA270.2	2 µg/L
Silica	EPA6010	100 µg/L	EPA200.7	47.6 µg/L
Silica, total	EPA6010	100 µg/L	-	-
Silver	EPA6010	2 µg/L	EPA200.7	2 µg/L
Sodium	EPA6010	10 µg/L	EPA200.7	23.7 µg/L
Specific conductance	-	-	EPA120.1	1 µS/cm
Strontium	EPA6010	30 µg/L	-	-
Styrene	EPA8240	1 µg/L	EPA8240	5 µg/L
Sulfate	EPA300.0	1,000 µg/L	EPA300.0	1,000 µg/L
Sulfide	EPA9030	1,000 µg/L	EPA376.2	1,000 µg/L
Sulfotep	EPA8270	10 µg/L	-	-
1,2,4,5-Tetrachlorobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
2,3,7,8-TCDD	EPA8280	-	EPA8280	-
Tetrachlorodibenzo-p-dioxin isomers	EPA8280	0.00045 µg/L	EPA8280	0.0015 µg/L
2,3,7,8-TCDF	EPA8280	0.00045 µg/L	EPA8280	0.0014 µg/L
Tetrachlorodibenzo-p-furan isomers	EPA8280	0.0004 µg/L	EPA8280	0.0013 µg/L
1,1,1,2-Tetrachloroethane	EPA8240	1 µg/L	EPA8240	10 µg/L
1,1,2,2-Tetrachloroethane	EPA8240	1 µg/L	EPA8240	5 µg/L
Tetrachloroethylene	EPA8240	1 µg/L	EPA8240	5 µg/L
	EPA8010	1 µg/L	EPA8010	1 µg/L
2,3,4,6-Tetrachlorophenol	EPA8270	10 µg/L	EPA8270	10 µg/L
Thallium	EPA7841	2 µg/L	EPA279.2	2 µg/L
Thionazin	EPA8270	10 µg/L	-	-
Tin	EPA6010	2 µg/L	EPA200.7	8.6 µg/L
Toluene	EPA8240	1 µg/L	EPA8240	5 µg/L
o-Toluidine	EPA8270	10 µg/L	EPA8270	10 µg/L
Total dissolved solids	EPA160.1	1,000 µg/L	EPA160.2	1,000 µg/L
Total inorganic carbon	EPA9060	1,000 µg/L	EPA415.1	1,000 µg/L
Total organic carbon	EPA9060	1,000 µg/L	EPA415.1	1,000 µg/L
Total organic halogens	EPA9020	5 µg/L	EPA9020A	5 µg/L
Total petroleum hydrocarbons	EPA418.1	1,000 µg/L	EPA418.1	1,050 µg/L
Total phosphates (as P)	EPA365.1	50 µg/L	EPA365.2	50 µg/L
Total suspended solids	EPA160.2	1,000 µg/L	-	-
Toxaphene	EPA8080	0.24 µg/L	EPA8080	1 µg/L
	EPA8270	10 µg/L	-	-
2,4,5-TP (Silvex)	EPA8150	0.09 µg/L	EPA8150	0.5 µg/L
Tributyl phosphate	EPA8270	10 µg/L	-	-
1,2,4-Trichlorobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
1,1,1-Trichloroethane	EPA8240	1 µg/L	EPA8240	5 µg/L
	EPA8010	1 µg/L	EPA8010	1 µg/L
1,1,2-Trichloroethane	EPA8240	1 µg/L	EPA8240	5 µg/L

- No detection limit or not analyzed.

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Table 23. Methods and Detection Limits Used by the Primary Laboratories (cont.)

Analyte	GE		WA	
	Method	Detection Limit	Method	Detection Limit
Trichloroethylene	EPA8240	1 µg/L	EPA8240	5 µg/L
	EPA8010	1 µg/L	EPA8010	1 µg/L
Trichlorofluoromethane	EPA8240	1 µg/L	EPA8240	5 µg/L
2,4,5-Trichlorophenol	EPA8270	10 µg/L	EPA8270	50 µg/L
2,4,6-Trichlorophenol	EPA8270	10 µg/L	EPA8270	10 µg/L
2,4,5-T	EPA8150	0.09 µg/L	-	-
1,2,3-Trichloropropane	EPA8240	1 µg/L	EPA8240	10 µg/L
O,O,O-Triethyl phosphorothioate	EPA8270	10 µg/L	-	-
1,3,5-Trinitrobenzene	EPA8270	10 µg/L	EPA8270	10 µg/L
Turbidity	EPA180.1	0.1 NTU	EPA180.1	0.2 NTU
Uranium	EPA6010	20 µg/L	-	-
Vanadium	EPA6010	8 µg/L	EPA200.7	3 µg/L
Vinyl acetate	EPA8240	1 µg/L	EPA8240	10 µg/L
Xylenes	EPA8240	2 µg/L	EPA8240	5 µg/L
Zinc	EPA6010	2 µg/L	EPA200.7	2 µg/L
Gross alpha	EPA900.0	2E-09 µCi/mL	-	-
Nonvolatile beta	EPA900.0	2E-09 µCi/mL	-	-
Total alpha-emitting radium	EPA900.1	1E-09 µCi/mL	-	-
Tritium	EPA906.0	7E-10 µCi/mL	-	-

Table 24. Methods and Detection Limits Used by the Radionuclide Laboratories

Environmental Physics (GP) and Clemson Laboratories, Inc. (CN)

Analyte	GP		CN	
	Method	Detection Limit	Method	Detection Limit
Actinium-228	HASL300	3E-08 µCi/mL	-	-
Americium-241	HASL300	1E-09 µCi/mL	CTC0009	1E-09 µCi/mL
Antimony-125	HASL300	2E-08 µCi/mL	EPA901.1	2.5E-08 µCi/mL
Carbon-14	-	-	CTC0015	2E-07 µCi/mL
Cerium-144	HASL300	6E-08 µCi/mL	EPA901.1	5E-08 µCi/mL
Cesium-134	HASL300	1E-08 µCi/mL	EPA901.1	1E-08 µCi/mL
Cesium-137	HASL300	1E-08 µCi/mL	EPA901.1	1E-08 µCi/mL
Cobalt-57	HASL300	1E-08 µCi/mL	EPA901.1	1E-08 µCi/mL
Cobalt-60	HASL300	1E-08 µCi/mL	EPA901.1	1.2E-08 µCi/mL
Curium-242	HASL300	1E-09 µCi/mL	CTC0009	1E-09 µCi/mL
Curium-243/244	HASL300	1E-09 µCi/mL	CTC0009	1E-09 µCi/mL
Curium-245/246	HASL300	1E-09 µCi/mL	-	-
Europium-152	HASL300	4E-08 µCi/mL	EPA901.1	5E-08 µCi/mL
Europium-154	HASL300	2E-08 µCi/mL	EPA901.1	2.5E-08 µCi/mL
Europium-155	HASL300	3E-08 µCi/mL	EPA901.1	2.5E-08 µCi/mL
Gross alpha	EPA900.0	2E-09 µCi/mL	-	-
Iodine-129	HASL300	2E-09 µCi/mL	EPA901.1	2E-09 µCi/mL
Lead-212	HASL300	1.5E-08 µCi/mL	EPA901.1	2.5E-08 µCi/mL
Manganese-54	HASL300	1E-08 µCi/mL	EPA901.1	1E-08 µCi/mL

- No detection limit or not analyzed.

ANALYTICAL-DATA REVIEW

Table 24. Methods and Detection Limits Used by the Radionuclide Laboratories (cont.)

Analyte	GP		CN	
	Method	Detection Limit	Method	Detection Limit
Neptunium-237	HASL300	1E-08 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
	-	-	EPA901.1	4.5E-08 $\mu\text{Ci/mL}$
Nonvolatile beta	EPA900.0	2E-09 $\mu\text{Ci/mL}$	-	-
Plutonium-238	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
Plutonium-239/240	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
Potassium-40	HASL300	1.1E-07 $\mu\text{Ci/mL}$	EPA901.1	2.5E-07 $\mu\text{Ci/mL}$
Promethium-144	HASL300	1E-08 $\mu\text{Ci/mL}$	EPA901.1	1E-08 $\mu\text{Ci/mL}$
Promethium-146	HASL300	1E-08 $\mu\text{Ci/mL}$	EPA901.1	2.3E-08 $\mu\text{Ci/mL}$
Radium-226	HASL300	1E-09 $\mu\text{Ci/mL}$	EPA901.1	2.15E-07 $\mu\text{Ci/mL}$
	-	-	EPA903.1	1E-09 $\mu\text{Ci/mL}$
Radium-228	HASL300	1E-09 $\mu\text{Ci/mL}$	EPA904.0	1E-09 $\mu\text{Ci/mL}$
Ruthenium-103	-	-	EPA901.1	1E-08 $\mu\text{Ci/mL}$
Ruthenium-106	HASL300	9E-08 $\mu\text{Ci/mL}$	EPA901.1	8E-08 $\mu\text{Ci/mL}$
Sodium-22	HASL300	1E-08 $\mu\text{Ci/mL}$	EPA901.1	1E-08 $\mu\text{Ci/mL}$
Strontium-89	HASL300	2E-09 $\mu\text{Ci/mL}$	EPA905.0	2E-09 $\mu\text{Ci/mL}$
Strontium-89/90	EPA905	2E-09 $\mu\text{Ci/mL}$	EPA905.0	2E-09 $\mu\text{Ci/mL}$
	HASL300	2E-09 $\mu\text{Ci/mL}$	-	-
Strontium-90	HASL300	2E-09 $\mu\text{Ci/mL}$	EPA905.0	2E-09 $\mu\text{Ci/mL}$
Technetium-99	HASL300	3E-07 $\mu\text{Ci/mL}$	MMEC038	3E-07 $\mu\text{Ci/mL}$
Thorium-228	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
	-	-	EPA901.1	4.16E-07 $\mu\text{Ci/mL}$
Thorium-230	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
Thorium-232	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
Thorium-234	HASL300	3.5E-07 $\mu\text{Ci/mL}$	-	-
Tritium	EPA906.0	7E-10 $\mu\text{Ci/mL}$	-	-
Uranium-233/234	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
Uranium-235	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
			EPA901.1	1.5E-08 $\mu\text{Ci/mL}$
Uranium-238	HASL300	1E-09 $\mu\text{Ci/mL}$	CTC0009	1E-09 $\mu\text{Ci/mL}$
Yttrium-88	HASL300	6E-08 $\mu\text{Ci/mL}$	EPA901.1	1E-08 $\mu\text{Ci/mL}$
Zinc-65	HASL300	2E-08 $\mu\text{Ci/mL}$	EPA901.1	2.3E-08 $\mu\text{Ci/mL}$

TMA/Eberline (TM) and Teledyne Isotopes (TE)

Analyte	TM		TE	
	Method	Detection Limit	Method	Detection Limit
Carbon-14	-	-	HASL300	2E-07 $\mu\text{Ci/mL}$
Gross alpha	EPA900.0	6E-10 $\mu\text{Ci/mL}$	-	-
Nonvolatile beta	EPA900.0	8E-10 $\mu\text{Ci/mL}$	-	-
Radium-226	EMLRA-05	3.6E-10 $\mu\text{Ci/mL}$	-	-
	EPA903.1	3.2E-10 $\mu\text{Ci/mL}$	-	-
Radium-228	EPA904.0	1.3E-10 $\mu\text{Ci/mL}$	-	-
Tritium	EPA906.0	5.1E-10 $\mu\text{Ci/mL}$	-	-
Uranium	ASTMD5174	0.03 $\mu\text{g/L}$	-	-

- No detection limit or not analyzed.

8. QUALITY CONTROL SAMPLES

REPLICATE AND DUPLICATE ANALYSES OF SAMPLES

Blind replicate and duplicate samples are analyzed in order to satisfy quality assurance standards. The primary laboratories, General Engineering (GE) and Roy F. Weston, Inc. (Weston or WA), and Weston's subcontracting laboratory for radionuclide analyses, TMA/Eberline (TM), performed all analyses except for some radionuclide analyses. Environmental Physics (GP) and Clemson Technical Center (Clemson TC or CN) had radionuclide contracts; Teledyne Isotopes (Teledyne or TE) subcontracted radionuclide analyses for Environmental Physics. The replicate and duplicate analytical results are used to generate Mean Relative Difference (MRD) indexes, which are used to evaluate a laboratory's performance.

For intralaboratory comparisons, 10% of the samples generally 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 of these results are included in the **Analytical Results** section 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 from any duplicate analyses made of the replicates are reported in a second table for the same well and sample date.

Table 25 lists the names and sample dates of wells used as blind replicates for GE and Weston.

Table 25. Wells Providing Blind Replicate Samples

To GE

<u>Well</u>	<u>Sample Date</u>
ABP 4	01/22/93
ABW 1	02/10/93
ACB 2A	01/01/93
AMB 7B	02/14/93
ASB 8A	02/09/93
BGO 6A	02/01/93
RGO 8AR	02/03/93
BGO 46B	02/11/93
BGX 5D	02/14/93
BGX 9D	02/14/93
BRD 1	03/08/93
CBR 2D	03/03/93
CCB 4	03/02/93
CRP 4	03/01/93
CSA 3	03/01/93
CSD 9D	03/05/93
CSO 1	03/01/93

To GE (cont.)

<u>Well</u>	<u>Sample Date</u>
DBP 3	03/18/93
DCB 2A	03/20/93
DOB 2	01/27/93
FBP 2A	03/20/93
FCB 3	03/12/93
FET 4D	03/12/93
FNB 3	03/11/93
FSB 76A	02/11/93
FSB100A	02/20/93
FSB118D	02/19/93
FSB123D	02/12/93
HAP 1	03/09/93
HCB 1	03/02/93
HMD 2D	02/19/93
HSB 65B	01/04/93
HSB 71	01/22/93
HSB 85C	01/15/93

QUALITY CONTROL SAMPLES

Table 25. Wells Providing Blind Replicate Samples (cont.)

To GE (cont.)

<u>Well</u>	<u>Sample Date</u>
HSB125C	01/23/93
HWS 2	03/04/93
HXB 1	03/02/93
IDB 2A	03/14/93
IDQ 3A	03/06/93
KAB 4	03/06/93
KCB 1	03/06/93
KRP 4	03/05/93
KSB 2	02/28/93
LAC 2	03/09/93
LAW 3C	03/10/93
LCO 3	03/08/93
LRP 1	03/09/93
LSB 2	03/07/93
MCB 6C	02/03/93

To Weston

<u>Well</u>	<u>Sample Date</u>
CMP 11B	02/26/93
FAC 4	02/22/93
HAC 1	02/17/93
HSS 2D	02/19/93
KAC 4	02/04/93

To GE (cont.)

<u>Well</u>	<u>Sample Date</u>
MSB 8B	01/02/93
MSB 33A	01/09/93
MSB 41TA	01/16/93
MSB 50B	01/17/93
MSB 70C	02/06/93
MSB 85B	02/05/93
NPM 19B	02/25/93
PCB 2A	03/15/93
RAC 3	03/19/93
SRW 2A	01/23/93
TBG 5A	03/04/93
TNX 2D	03/03/93
XSB 1A	03/05/93
YSC 2A	03/11/93
ZDT 1	02/21/93

To Weston (cont.)

<u>Well</u>	<u>Sample Date</u>
KSS 2D	01/26/93
LFW 43C	01/06/93
LFW 62B	01/11/93
PAC 1	02/15/93
PSS 2D	02/15/93

Certain analytes were not present in concentrations above detection limits in any well samples having replicates or duplicates. These analytes are not considered in further evaluation of rep-

licate and duplicate analyses. They are listed in tables 26 and 27. See tables 23 and 24 on pp. 74 – 82 for the detection limits that are effective this quarter.

Table 26. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples Between GE and Weston

<u>Analyte</u>	<u>Number of Analyses</u>		<u>Analyte</u>	<u>Number of Analyses</u>	
	<u>GE</u>	<u>WA</u>		<u>GE</u>	<u>WA</u>
Acenaphthene	59	34	Asbestos	8	-
Acenaphthylene	59	43	alpha-Benzene hexachloride	95	19
Acetonitrile (Methyl cyanide)	37	46	beta-Benzene hexachloride	95	19
Acetophenone	75	45	delta-Benzene hexachloride	95	19
2-Acetylaminofluorene	36	19	Benzidine	23	24
Acrolein	46	49	Benzo[a]anthracene	59	43
Acrylonitrile	46	49	Benzo[b]fluoranthene	59	43
Aldrin	95	17	Benzo[k]fluoranthene	59	43
Allyl chloride	37	46	Benzoic acid	28	-
4-Aminobiphenyl	36	19	Benzo[g,h,i]perylene	59	43
Aniline	36	19	Benzo[a]pyrene	59	43
Anthracene	59	43	Benzyl alcohol	36	19
Aramite	36	19	Bis(2-chloroethoxy) methane	59	43

QUALITY CONTROL SAMPLES

Table 26. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples Between GE and Weston (cont.)

Analyte	Number of Analyses		Analyte	Number of Analyses	
	GE	WA		GE	WA
Bis(2-chloroethyl) ether	59	43	3,3'-Dimethylbenzidine	36	19
Bis(2-chloroisopropyl) ether	51	24	α,α -Dimethylphenethylamine	36	19
Bromodichloromethane	266	168	2,4-Dimethyl phenol	59	43
Bromoform	266	168	Dimethyl phthalate	59	43
Bromomethane (Methyl bromide)	266	168	1,3-Dinitrobenzene	36	19
4-Bromophenylphenyl ether	59	43	2,4-Dinitrophenol	59	43
Butylbenzyl phthalate	59	43	2,4-Dinitrotoluene	59	34
2-sec-Butyl-4,6-dinitrophenol	36	19	2,6-Dinitrotoluene	59	43
Carbonate	25	10	Di-n-octyl phthalate	59	43
Carbon disulfide	41	46	1,4-Dioxane	36	19
Chlordane	95	19	Diphenylamine	36	19
4-Chloroaniline	36	19	1,2-Diphenylhydrazine	20	5
Chlorobenzilate	36	19	Disulfoton	32	-
4-Chloro-m-cresol	59	34	Endosulfan I	95	19
2-Chloroethyl vinyl ether	261	122	Endosulfan II	95	19
2-Chloronaphthalene	59	43	Endosulfan sulfate	95	19
2-Chlorophenol	59	34	Endrin	499	333
4-Chlorophenylphenyl ether	59	43	Endrin aldehyde	95	19
Chloroprene	37	46	Ethyl methacrylate	36	19
Chrysene	59	43	Ethyl methanesulfonate	36	19
m-Cresol (3-Methylphenol)	36	19	Famphur	32	-
o-Cresol (2-Methylphenol)	36	19	Fluoranthene	59	43
p-Cresol (4-Methylphenol)	36	19	Fluorene	59	43
p,p'-DDD	95	19	Heptachlor	95	17
p,p'-DDE	95	19	Heptachlor Epoxide	95	19
p,p'-DDT	95	17	1,2,3,4,6,7,8-HPCDD	34	-
Diallate	36	19	Heptachlorodibenzo-p-dioxin isomers	34	-
Dibenz[a,h]anthracene	59	43	1,2,3,4,6,7,8-HPCDF	34	-
Dibenzofuran	36	35	Heptachlorodibenzo-p-furan isomers	34	-
Dibromochloromethane	266	168	Hexachlorobenzene	59	43
1,2-Dibromo-3-chloropropane	37	46	Hexachlorobutadiene	59	43
1,2-Dibromoethane	37	46	Hexachlorocyclopentadiene	59	43
Dibromoethane (Methylene bromide)	37	46	1,2,3,4,7,8-HXCDD	34	-
Di-n-butyl phthalate	59	43	Hexachlorodibenzo-p-dioxin isomers	38	17
1,2-Dichlorobenzene	45	38	1,2,3,4,7,8-HXCDF	34	-
1,3-Dichlorobenzene	45	38	Hexachlorodibenzo-p-furan isomers	38	17
1,4-Dichlorobenzene	45	30	Hexachloroethane	59	43
3,3'-Dichlorobenzidine	59	43	Hexachlorophene	36	19
trans-1,4-Dichloro-2-butene	37	46	Hexachloropropene	36	19
trans-1,2-Dichloroethylene	266	168	2-Hexanone	37	46
2,4-Dichlorophenol	59	43	Indeno[1,2,3-c,d]pyrene	59	43
2,6-Dichlorophenol	36	19	Iodomethane (Methyl iodide)	37	46
2,4-Dichlorophenoxyacetic acid	426	292	Isobutyl alcohol	37	46
1,2-Dichloropropane	266	168	Isodrin	36	16
cis-1,3-Dichloropropene	266	168	Isophorone	59	43
trans-1,3-Dichloropropene	224	130	Isosafrole	36	19
Dieldrin	95	1	Kepone	36	16
Diethyl phthalate	59	43	Lindane	499	336
Dimethoate	32	-	Lithium	8	8
p-Dimethylaminoazobenzene	32	16	Methacrylonitrile	37	46
7,12-Dimethylbenz[a]anthracene	36	19	Methapyrilene	36	19

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Table 26. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples Between GE and Weston (cont.)

Analyte	Number of Analyses		Analyte	Number of Analyses	
	GE	WA		GE	WA
Methoxychlor	420	379	1,2,3,7,8-PCDD	34	-
3-Methylcholanthrene	36	19	Pentachlorodibenzo-p-dioxin isomers	38	20
2-Methyl-4,6-dinitrophenol	59	43	1,2,3,7,8-PCDF	34	-
Methyl isobutyl ketone	28	-	Pentachlorodibenzo-p-furan isomers	38	20
Methyl methacrylate	36	19	Pentachloroethane	36	19
Methyl methanesulfonate	36	19	Pentachloronitrobenzene	36	19
2-Methylnaphthalene	36	19	Pentachlorophenol	59	34
Molybdenum	-	2	Phenacetin	36	19
Naphthalene	94	44	Phenanthrene	59	43
1,4-Naphthoquinone	36	19	Phenol	59	34
1-Naphthylamine	36	19	p-Phenylenediamine	36	19
2-Naphthylamine	36	19	Phorate	20	-
m-Nitroaniline	36	19	2-Picoline	36	19
o-Nitroaniline	36	19	Proxamid	36	19
p-Nitroaniline	36	19	Propionitrile	37	46
Nitrobenzene	59	43	Pyrene	59	34
2-Nitrophenol	59	43	Pyridine	36	19
4-Nitrophenol	59	34	Safrole	36	19
4-Nitroquinoline-1-oxide	36	19	Styrene	37	46
N-Nitrosodi-n-butylamine	36	19	Sulfide	48	19
N-Nitrosodiethylamine	36	19	Sulfotep	32	-
N-Nitrosodimethylamine	59	43	1,2,4,5-Tetrachlorobenzene	36	19
N-Nitrosodiphenylamine	59	43	2,3,7,8-TCDD	34	-
N-Nitrosodipropylamine	59	34	2,3,7,8-TCDF	34	-
N-Nitrosomethylethylamine	36	19	Tetrachlorodibenzo-p-furan isomers	38	17
N-Nitrosomorpholine	36	19	1,1,1,2-Tetrachloroethane	37	46
N-Nitrosopiperidine	36	19	1,1,2,2-Tetrachloroethane	266	168
N-Nitrosopyrrolidine	36	19	2,3,4,6-Tetrachlorophenol	36	19
5-Nitro-o-toluidine	36	19	Thionazin	32	-
Octachlorodibenzo-p-dioxin isomers	34	-	o-Toluidine	36	19
Octachlorodibenzo-p-furan isomers	34	-	Total petroleum hydrocarbons	6	8
Oil & grease	2	-	Toxaphene	499	379
Parathion	20	-	1,2,4-Trichlorobenzene	59	34
Parathion methyl	20	-	1,1,2-Trichloroethane	270	168
PCB 1016	95	22	2,4,5-Trichlorophenol	36	19
PCB 1221	95	22	2,4,6-Trichlorophenol	59	43
PCB 1232	95	22	2,4,5-T	36	-
PCB 1242	95	22	1,2,3-Trichloropropane	37	46
PCB 1248	95	22	O,O,O-Triethyl phosphorothioate	32	-
PCB 1254	95	22	1,3,5-Trinitrobenzene	36	19
Pentachlorobenzene	36	19	Vinyl acetate	37	46

- No replicate or duplicate analyses performed.

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Table 27. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples Between GP and Clemson TC

Analyte	Number of Analyses		Analyte	Number of Analyses	
	GP	CN		GP	CN
Actinium-228	27	-	Nonvolatile beta	2	-
Antimony-125	86	85	Plutonium-238	77	75
Carbon-14	6	6	Potassium-40	86	87
Cerium-144	86	87	Promethium-144	86	87
Cesium-134	86	87	Promethium-146	86	87
Cobalt-57	86	87	Ruthenium-103	-	42
Curium-245/246	65	-	Ruthenium-106	86	87
Europium-152	86	87	Sodium-22	86	87
Europium-154	86	87	Thorium-232	68	61
Europium-155	86	87	Thorium-234	27	-
Gross Alpha	2	-	Yttrium-88	86	85
Manganese-54	86	87	Zinc-65	86	85

- No replicate or duplicate analyses performed.

Intralaboratory Comparisons

There are two types of intralaboratory comparisons: in-house duplicates and blind replicates. The mean relative difference (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 compari-

sons, 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_i) for the i th well or sample as follows:

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

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

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

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the figure, represents the largest absolute difference.

Figure 4. Relative Difference vs. the Mean

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 Keith (1992) 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 rather than in the measuring process. However, the MRD can be a useful statistic if adjusted such 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 (MRD_{adj}), 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 relative difference value. Above the LOQ, the unadjusted relative difference is preserved because the weight function is unity for all $z_i > LOQ$.

Figure 6. Effect of a Linear-Weight Function on the MRD_{adj}

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The MRDadj, then, has the following form:

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

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

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 automatically included 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. All of 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 indexes for GE, Weston, GP, and Clemson TC are listed in tables 28-31, respectively.

Table 28. Intralaboratory MRD Index for GE

Analyte	RDL	In-house Duplicates			Blind Replicates		
		Number of Analyses	MRD	MRDadj	Number of Analyses	MRD	MRDadj
Acetone	100 µg/L	6	—	—	9	—	—
Alkalinity (as CaCO ₃)	1,000 µg/L	13	3.21	2.86	4	17.77	17.77
Aluminum	20 µg/L	137	3.74	3.32	75	18.95	13.84
Ammonia nitrogen	100 µg/L	10	0.22	0.22	3	—	—
Antimony	2.0 µg/L	52	0.59	0.21	21	—	—
Arsenic	2.0 µg/L	136	1.25	0.93	77	0.09	0.03
Barium	3.0 µg/L	135	0.62	0.57	77	3.73	3.18
Benzene	1.0 µg/L	66	—	—	44	—	—
Beryllium	3.0 µg/L	19	0.02	0.01	7	—	—
Bis(2-ethylhexyl) phthalate	10 µg/L	28	—	—	12	—	—
Cadmium	2.0 µg/L	136	0.23	0.13	76	—	—
Calcium	10 µg/L	135	0.74	0.74	77	3.58	3.41
Carbon tetrachloride	1.0 µg/L	77	0.30	0.23	48	0.11	0.06
Chloride	250 µg/L	137	3.19	3.19	77	4.71	4.71
Chlorobenzene	1.0 µg/L	66	0.00	0.00	44	0.27	0.14
Chloroethane	1.0 µg/L	66	1.08	0.50	44	1.61	0.75
Chloroethene (Vinyl chloride)	1.0 µg/L	66	0.59	0.59	44	0.05	0.05
Chloroform	1.0 µg/L	76	0.18	0.16	48	0.15	0.06
Chloromethane (Methyl chloride)	1.0 µg/L	66	—	—	44	—	—
Chromium	4.0 µg/L	137	0.04	0.02	76	0.10	0.04
Cobalt	4.0 µg/L	55	0.17	0.14	14	0.42	0.25
Copper	4.0 µg/L	89	0.42	0.24	33	0.96	0.93
Cyanide	5.0 µg/L	57	—	—	20	—	—

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Table 28. Intralaboratory MRD Index for GE (cont.)

Analyte	RDL	In-house Duplicates			Blind Replicates		
		Number of Analyses	MRD	MRD _{adj}	Number of Analyses	MRD	MRD _{adj}
Dichlorodifluoromethane	1.0 µg/L	9	2.02	1.33	10	–	–
1,1-Dichloroethane	1.0 µg/L	66	0.44	0.44	44	0.50	0.50
1,2-Dichloroethane	1.0 µg/L	66	0.22	0.09	44	0.00	0.00
1,1-Dichloroethylene	1.0 µg/L	66	–	–	44	–	–
Dichloromethane							
(Methylene chloride)	1.0 µg/L	71	6.34	4.69	44	11.17	5.86
Dissolved organic carbon	1,000 µg/L	3	3.23	2.7	3	72.77	61.74
Ethylbenzene	1.0 µg/L	66	–	–	44	–	–
Fluoride	100 µg/L	145	0.37	0.20	77	0.79	0.49
Iron	4.0 µg/L	139	3.95	3.49	89	29.01	25.88
Lead	3.0 µg/L	136	3.14	2.42	78	4.48	3.25
Magnesium	2.0 µg/L	135	0.49	0.49	77	2.39	2.39
Manganese	2.0 µg/L	137	0.85	0.70	76	4.99	4.34
Mercury	0.2 µg/L	141	1.75	0.93	77	1.97	1.23
Methyl ethyl ketone	1.0 µg/L	6	–	–	9	–	–
Nickel	4.0 µg/L	88	1.10	0.63	33	2.68	1.29
Nitrate-nitrite as nitrogen	50 µg/L	145	2.04	1.94	77	8.08	7.42
Nitrite as nitrogen	10 µg/L	0	–	–	4	–	–
PCB 1260	150 µg/L	10	–	–	8	–	–
pH	†	185	0.84	0.84	77	1.92	1.92
Phenols	5.0 µg/L	132	0.47	0.20	77	–	–
Potassium	500 µg/L	135	1.37	0.74	77	3.71	2.44
Selenium	2.0 µg/L	134	0.72	0.31	77	1.60	0.83
Silica	100 µg/L	135	0.50	0.50	77	2.07	2.07
Silica, total	†	1	0.00	0.00	0	–	–
Silver	2.0 µg/L	136	–	–	76	–	–
Sodium	10 µg/L	135	0.53	0.50	77	2.85	2.85
Specific conductance	1 µS/cm	171	0.67	0.67	77	6.81	6.81
Sulfate	1,000 µg/L	144	1.67	1.13	77	3.40	2.12
Tetrachlorodibenzo-p-dioxin isomers	0.45 µg/L	14	–	–	4	–	–
Tetrachloroethylene	1.0 µg/L	81	0.42	0.36	49	5.00	4.75
Thallium	2.0 µg/L	22	1.15	0.40	11	–	–
Tin	2.0 µg/L	58	15.42	9.09	16	13.71	9.18
Toluene	1.0 µg/L	66	–	–	44	0.59	0.20
Total dissolved solids	1,000 µg/L	170	10.90	10.90	77	15.84	15.84
Total inorganic carbon	1,000 µg/L	0	–	–	3	26.59	26.59
Total organic carbon	1,000 µg/L	147	0.95	0.46	77	1.17	0.92
Total organic halogens	5.0 µg/L	143	3.92	2.55	77	14.09	9.57
Total phosphates (as P)	50 µg/L	134	2.54	1.79	74	7.71	5.52
Total suspended solids	†	5	6.13	6.13	0	–	–
2,4,5-TP (Silvex)	0.09 µg/L	104	–	–	77	–	–
Tributyl phosphate	10 µg/L	11	0.17	0.17	2	–	–
1,1,1-Trichloroethane	1.0 µg/L	76	0.08	0.04	49	0.02	0.02
Trichloroethylene	1.0 µg/L	81	0.32	0.25	49	2.09	1.78
Trichlorofluoromethane	1.0 µg/L	67	0.63	0.52	44	1.13	0.98
Turbidity	0.10 NTU	18	11.04	11.04	10	33.63	32.59
Uranium	20 µg/L	14	–	–	3	–	–
Vanadium	8.0 µg/L	70	0.07	0.03	25	–	–
Xylenes	2.0 µg/L	19	–	–	15	–	–

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Table 28. Intralaboratory MRD Index for GE (cont.)

<u>Analyte</u>	<u>RDL</u>	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		<u>Number of Analyses</u>	<u>MRD</u>	<u>MRD_{adj}</u>	<u>Number of Analyses</u>	<u>MRD</u>	<u>MRD_{adj}</u>
Zinc	2.0 µg/L	82	1.10	0.83	23	8.88	7.74
Gross alpha	2.0E-09 µCi/mL	76	11.57	8.35	78	11.21	7.40
Nonvolatile beta	2.0E-09 µCi/mL	76	12.44	7.49	77	15.99	8.27
Total alpha-emitting radium	1.0E-09 µCi/mL	79	18.45	11.12	77	20.65	11.90
Tritium	7.0E-07 µCi/mL	72	3.20	2.34	79	7.76	6.21

– No results above RDL among the analyses included in calculating the MRD.

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

Table 29. Intralaboratory MRD Index for Weston

<u>Analyte</u>	<u>RDL</u>	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		<u>Number of Analyses</u>	<u>MRD</u>	<u>MRD_{adj}</u>	<u>Number of Analyses</u>	<u>MRD</u>	<u>MRD_{adj}</u>
Acetone	10 µg/L	10	16.0	15.48	9	7.36	3.30
Aluminum	20 µg/L	21	7.07	5.48	74	18.87	13.56
Antimony	3.0 µg/L	1	–	–	21	–	–
Arsenic	2.0 µg/L	25	0.67	0.54	77	–	–
Barium	4.0 µg/L	25	10.67	8.90	77	7.53	5.97
Benzene	5.0 µg/L	15	–	–	44	–	–
Beryllium	3.0 µg/L	0	–	–	7	–	–
Bis(2-ethylhexyl) phthalate	11 µg/L	16	10.19	10.19	8	20.38	20.38
Cadmium	2.0 µg/L	25	0.73	0.24	77	2.49	1.13
Calcium	10 µg/L	25	4.42	4.42	77	9.12	9.12
Carbon tetrachloride	5.0 µg/L	19	–	–	49	0.08	0.03
Chloride	250 µg/L	26	1.01	1.01	77	2.56	2.56
Chlorobenzene	5.0 µg/L	15	0.32	0.32	44	–	–
Chloroethane	10 µg/L	16	–	–	44	–	–
Chloroethene (Vinyl chloride)	10 µg/L	16	0.11	0.11	44	–	–
Chloroform	5.0 µg/L	19	–	–	49	–	–
Chloromethane (Methyl chloride)	10 µg/L	16	–	–	44	–	–
Chromium	4.0 µg/L	25	1.79	1.05	77	7.57	4.77
Cobalt	4.0 µg/L	1	–	–	14	0.18	0.16
Copper	4.0 µg/L	9	8.15	4.08	32	2.42	1.93
Cyanide	5.0 µg/L	0	–	–	20	3.55	1.65
Dichlorodifluoromethane	10 µg/L	7	2.41	2.41	9	–	–
1,1-Dichloroethane	5.0 µg/L	18	0.92	0.92	44	0.00	0.00
1,2-Dichloroethane	5.0 µg/L	16	–	–	44	–	–
1,1-Dichloroethylene	5.0 µg/L	15	1.10	0.72	44	–	–
Dichloromethane (Methylene chloride)	5.0 µg/L	18	2.89	2.80	44	1.17	0.74
Dissolved organic carbon	1,000 µg/L	0	–	–	3	–	–
Ethylbenzene	5.0 µg/L	16	0.33	0.11	44	–	–

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Table 29. Intralaboratory MRD Index for Weston (cont.)

Analyte	RDL	In-house Duplicates			Blind Replicates		
		Number of Analyses	MRD	MRD _{adj}	Number of Analyses	MRD	MRD _{adj}
Fluoride	100 µg/L	52	0.71	0.38	77	0.28	0.17
Iron	4.0 µg/L	25	15.98	14.01	77	29.13	27.28
Lead	3.0 µg/L	25	3.80	2.97	77	5.42	3.71
Magnesium	11 µg/L	25	3.90	3.90	77	9.57	9.57
Manganese	2.0 µg/L	25	3.75	2.91	77	10.66	8.22
Mercury	0.2 µg/L	24	2.37	1.04	77	5.11	3.28
Methyl ethyl ketone	10 µg/L	10	8.98	8.98	9	—	—
Methyl isobutyl ketone	10 µg/L	10	4.56	4.56	9	—	—
Nickel	4.0 µg/L	11	7.77	3.07	33	13.33	6.90
Nitrate as nitrogen	20 µg/L	11	15.26	9.04	77	20.04	18.99
Nitrite as nitrogen	10 µg/L	3	6.00	3.00	4	14.55	5.25
PCB 1260	2.17	1	—	—	6	—	—
pH	†	90	0.39	0.39	77	3.67	3.67
Phenols	5.0 µg/L	46	4.50	3.26	76	0.42	0.14
Potassium	500 µg/L	25	3.50	2.29	77	7.83	4.98
Selenium	2.0 µg/L	25	0.36	0.12	77	0.94	0.35
Silica	100 µg/L	25	3.58	3.58	77	9.81	9.81
Silver	2.0 µg/L	24	—	—	77	0.50	0.18
Sodium	23.7 µg/L	25	4.51	4.51	77	9.26	9.26
Specific conductance	1.0 µS/cm	89	0.76	0.76	77	6.90	6.90
Sulfate	1,000 µg/L	39	1.05	0.96	77	8.83	7.82
2,3,7,8-TCDD	2.2 µg/L	3	—	—	4	—	—
Tetrachlorodibenzo-p-dioxin isomers	2.2 µg/L	3	—	—	4	—	—
Tetrachloroethylene	5.0 µg/L	20	9.00	8.56	49	0.28	0.15
Thallium	2.0 µg/L	0	—	—	11	—	—
Tin	8.6 µg/L	1	—	—	16	—	—
Toluene	5.0 µg/L	16	0.14	0.14	44	—	—
Total dissolved solids	1,000 µg/L	40	6.77	5.60	77	50.66	49.96
Total inorganic carbon	1,000 µg/L	0	—	—	3	12.28	12.28
Total organic carbon	1,000 µg/L	30	1.46	0.63	76	6.38	3.30
Total organic halogens	5.0 µg/L	62	4.51	3.15	76	17.33	12.23
Total phosphates (as P)	50 µg/L	26	1.18	0.87	74	12.28	8.84
2,4,5-TP (Silvex)	1.08 µg/L	20	—	—	77	—	—
1,1,1-Trichloroethane	5.0 µg/L	16	0.004	0.004	49	0.02	0.02
Trichloroethylene	5.0 µg/L	18	1.56	1.32	49	0.68	0.46
Trichlorofluoromethane	5.0 µg/L	16	0.27	0.27	43	0.05	0.05
Turbidity	0.20 NTU	13	0.52	0.52	10	26.82	24.27
Uranium	0.03 µg/L	1	—	—	2	11.11	5.00
Vanadium	3.0 µg/L	6	12.52	5.17	25	0.26	0.08
Xylenes	5.0 µg/L	9	2.84	2.34	15	—	—
Zinc	2.0 µg/L	2	32.57	31.88	22	23.16	22.12
Gross alpha	6.0E-10 µCi/mL	54	26.51	19.66	71	31.36	23.68
Nonvolatile beta	8.0E-10 µCi/mL	57	30.64	24.98	77	35.01	26.60
Tritium	5.1E-07 µCi/mL	55	6.33	5.57	76	8.61	8.07

— No results above RDL among the analyses included in calculating the MRD.

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

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Table 30. Intralaboratory MRD Index for GP

Analyte	RDL	In-house Duplicates			Blind Replicates		
		Number of Analyses	MRD	MRD _{adj}	Number of Analyses	MRD	MRD _{adj}
Americium-241	1.0 $\mu\text{Ci/mL}$	23	–	–	15	–	–
Cesium-137	10 $\mu\text{Ci/mL}$	20	–	–	17	–	–
Cobalt-60	10 $\mu\text{Ci/mL}$	20	1.44	0.86	17	–	–
Curium-242	1.0 $\mu\text{Ci/mL}$	23	–	–	12	–	–
Curium-243/244	1.0 $\mu\text{Ci/mL}$	23	–	–	12	–	–
Iodine-129	2.0 $\mu\text{Ci/mL}$	13	2.08	1.52	12	–	–
Neptunium-237	1.0 $\mu\text{Ci/mL}$	2	1.48	0.45	3	–	–
Lead-212	15 $\mu\text{Ci/mL}$	4	–	–	10	3.64	1.60
Plutonium-239/240	1.0 $\mu\text{Ci/mL}$	18	1.01	0.33	16	–	–
Radium-226	1.0 $\mu\text{Ci/mL}$	9	0.67	0.67	11	14.0	7.23
Radium-228	1.0 $\mu\text{Ci/mL}$	12	6.79	3.63	10	31.75	20.74
Strontium-89	2.0 $\mu\text{Ci/mL}$	20	1.14	1.14	9	–	–
Strontium-89/90	2.0 $\mu\text{Ci/mL}$	0	†	†	1	10.47	10.47
Strontium-90	2.0 $\mu\text{Ci/mL}$	20	17.41	9.49	13	25.85	18.50
Technetium-99	300 $\mu\text{Ci/mL}$	18	2.09	2.05	15	5.71	3.60
Thorium-228	1.0 $\mu\text{Ci/mL}$	18	–	–	13	–	–
Thorium-230	1.0 $\mu\text{Ci/mL}$	18	2.79	1.12	13	0.30	0.09
Tritium	†	0	†	†	1	13.74	13.74
Uranium-233/234	1.0 $\mu\text{Ci/mL}$	25	1.28	0.52	20	0.17	0.15
Uranium-235	1.0 $\mu\text{Ci/mL}$	25	–	–	20	–	–
Uranium-238	1.0 $\mu\text{Ci/mL}$	25	–	–	20	0.37	0.37

– No results above RDL among the analyses included in calculating the MRD.

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

Table 31. Intralaboratory MRD Index for Clemson TC

Analyte	RDL	In-house Duplicates			Blind Replicates		
		Number of Analyses	MRD	MRD _{adj}	Number of Analyses	MRD	MRD _{adj}
Americium-241	1.0 $\mu\text{Ci/mL}$	12	1.76	1.76	14	–	–
Cesium-137	10 $\mu\text{Ci/mL}$	18	0.99	0.33	16	–	–
Cobalt-60	12 $\mu\text{Ci/mL}$	18	–	–	16	–	–
Curium-242	1.0 $\mu\text{Ci/mL}$	10	4.19	1.59	11	–	–
Curium-243/244	1.0 $\mu\text{Ci/mL}$	10	0.89	0.89	11	–	–
Iodine-129	2.0 $\mu\text{Ci/mL}$	9	1.0	1.0	11	–	–
Neptunium-237	45 $\mu\text{Ci/mL}$	15	–	–	12	–	–
Plutonium-239/240	1.0 $\mu\text{Ci/mL}$	14	–	–	15	–	–
Radium-226	215 $\mu\text{Ci/mL}$	17	–	–	11	–	–
Radium-228	1.0 $\mu\text{Ci/mL}$	6	9.0	6.39	8	1.94	1.94
Strontium-89	2.0 $\mu\text{Ci/mL}$	8	0.34	0.34	8	2.13	2.13
Strontium-89/90	2.0 $\mu\text{Ci/mL}$	0	†	†	0	†	†
Strontium-90	2.0 $\mu\text{Ci/mL}$	12	0.32	0.32	11	0.42	0.42
Technetium-99	300 $\mu\text{Ci/mL}$	11	0.62	0.59	13	–	–
Thorium-228	400 $\mu\text{Ci/mL}$	21	–	–	13	–	–
Thorium-230	1.0 $\mu\text{Ci/mL}$	9	–	–	12	6.15	2.93
Uranium-233/234	1.0 $\mu\text{Ci/mL}$	18	0.30	0.30	19	1.70	1.70

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Table 31. Intralaboratory MRD Index for Clemson TC (cont.)

<u>Analyte</u>	<u>RDL</u>	<u>In-house Duplicates</u>			<u>Blind Replicates</u>		
		<u>Number of Analyses</u>	<u>MRD</u>	<u>MRD_{adj}</u>	<u>Number of Analyses</u>	<u>MRD</u>	<u>MRD_{adj}</u>
Uranium-235	15 $\mu\text{Ci/mL}$	26	-	-	20	-	-
Uranium-238	1.0 $\mu\text{Ci/mL}$	17	1.88	0.67	19	2.89	2.89

- No results above RDL among the analyses included in calculating the MRD.

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

Calculations for 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 array of detection limits from both laboratories; i.e., those detec-

tion limit values that are at or below 90% of the detection limit values from both laboratories.

Normalizing Data to the RDL

All of the results less than the RDL are adjusted to the new RDL value. Results that are detection limit values 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 table 32 for GE and Weston and in table 33 for GP and Clemson TC.

Table 32. Interlaboratory MRD and t -test Results for Analytes with at Least One Pair of Results Above the RDL for GE and Weston

<u>Analyte</u>	<u>RDL</u>	<u>MRD</u>	<u>t-test Probability*</u>
Aluminum	20 $\mu\text{g/L}$	17.77	.290
Antimony	3.0 $\mu\text{g/L}$	0.56	.323
Arsenic	2.0 $\mu\text{g/L}$	0.48	.397
Barium	4.0 $\mu\text{g/L}$	5.94	.357
Bis(2-ethylhexyl) phthalate	11 $\mu\text{g/L}$	6.99	.334
Cadmium	2.0 $\mu\text{g/L}$	1.05	.050
Calcium	10 $\mu\text{g/L}$	33.13	.224
Carbon tetrachloride	5.0 $\mu\text{g/L}$	0.41	.320
Chloride	250 $\mu\text{g/L}$	9.51	.005
Chromium	4.0 $\mu\text{g/L}$	4.75	.012
Cobalt	4.0 $\mu\text{g/L}$	2.04	.321
Copper	4.0 $\mu\text{g/L}$	2.18	.572

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Table 32. Interlaboratory MRD and *t*-test Results for Analytes with at Least One Pair of Results Above the RDL for GE and Weston (cont.)

Analyte	RDL	MRD	<i>t</i> -test Probability*
Cyanide	5.0 µg/L	1.08	.323
1,1-Dichloroethane	5.0 µg/L	0.18	.320
Dichloromethane (Methylene chloride)	5.0 µg/L	1.20	.224
Dissolved organic carbon	1000 µg/L	28.54	.224
Fluoride	100 µg/L	2.11	.347
Iron	4.0 µg/L	44.65	.002
Lead	3.0 µg/L	5.02	.669
Magnesium	11 µg/L	14.20	.826
Manganese	2.0 µg/L	7.86	.472
Mercury	0.20 µg/L	4.00	.429
Nickel	4.0 µg/L	6.64	.082
Nitrite as nitrogen	10 µg/L	34.27	.308
pH	†	8.18	—
Phenols	5.0 µg/L	0.10	.199
Potassium	500 µg/L	6.12	.559
Selenium	2.0 µg/L	0.92	.448
Silica	100 µg/L	15.05	—
Silver	2.0 µg/L	0.38	.172
Sodium	23.7 µg/L	38.30	.088
Specific conductance	1.0 µS/cm	54.07	.086
Sulfate	1000 µg/L	4.85	.186
Tetrachloroethylene	5.0 µg/L	0.42	.384
Tin	8.6 µg/L	2.23	.171
Total dissolved solids	1,000 µg/L	62.23	.701
Total inorganic carbon	1,000 µg/L	7.95	.876
Total organic carbon	1,000 µg/L	4.22	.302
Total organic halogens	5.0 µg/L	20.15	.178
Total phosphates (as P)	50 µg/L	12.80	.035
1,1,1-Trichloroethane	5.0 µg/L	0.03	.320
Trichloroethylene	5.0 µg/L	1.01	.912
Trichlorofluoromethane	5.0 µg/L	0.81	.297
Turbidity	0.20 NTU	40.27	.047
Zinc	2.0 µg/L	79.57	.094
Gross alpha	2.0E-09 µCi/mL	6.88	.251
Nonvolatile beta	2.0E-09 µCi/mL	14.68	.298
Tritium	7.0E-07 µCi/mL	12.94	.052

* 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.

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

— No results above RDL among those analyses included in calculating the MRD.

Table 33. Interlaboratory MRD and *t*-test Results for Analytes with at Least One Pair of Results Above the RDL for GP and Clemson TC

Analyte	RDL	MRD	<i>t</i> -test Probability*
Radium-228	1.0 µCi/L	16.61	.066
Strontium-89	2.0 µCi/L	29.91	.436
Strontium-89/90	2.0 µCi/L	1.06	.500

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Table 33. Interlaboratory MRD and *t*-test Results for Analytes with at Least One Pair of Results Above the RDL for GP and Clemson TC (cont.)

<u>Analyte</u>	<u>RDL</u>	<u>MRD</u>	<u><i>t</i>-test Probability*</u>
Radium-228	1.0 $\mu\text{Ci/L}$	16.61	.066
Strontium-90	2.0 $\mu\text{Ci/L}$	20.12	.325
Technetium-99	300 $\mu\text{Ci/L}$	2.37	.326
Thorium-230	1.0 $\mu\text{Ci/L}$	2.79	.682
Uranium-233/234	1.0 $\mu\text{Ci/L}$	0.30	.323
Uranium-238	1.0 $\mu\text{Ci/L}$	0.56	.323

* 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.

COMMENTS ON THE REPLICATE AND DUPLICATE ANALYSES

High MRDs (greater than 20) for GE laboratory duplicate analyses (see table 28) did not appear for any of the analytes tested. Table 34 lists

the analytes and wells for which a sample result was greater than twice or less than half the result for its duplicate.

Table 34. GE Samples and Laboratory Duplicates Yielding Results Where One Is More than Twice Another

<u>Analyte</u>	<u>Wells</u>
Aluminum	MSB 85TA
Arsenic	BG 54
Chloroethane	LFW 57D
Dichloromethane	FBP 2A
Iron	BGX 2B
Mercury	MSB 21C
Sulfate	DCB 2A
Tin	HSB 83B, HSB135C, ZW 10
Total dissolved solids	FSB116C, QA 124A
Turbidity	BGX 6D
Gross alpha	HSB134D, RSE 6
Nonvolatile beta	HSB 68B
Total alpha-emitting radium	CSB 5A, KSB 4A, MSB 33, MSB 42A

High MRDs (greater than 20) for blind replicates from GE (see table 28) were calculated for dissolved organic carbon, iron, total inorganic carbon, turbidity, and total alpha-emitting radium. Table 35 lists the analytes and wells

from which one result for a sample or its blind replicate was more than twice the other. The high MRD for total inorganic carbon is caused by differences in blind replicate analyses in wells TBG 5A, TNX 2D, and XSB 1A.

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

<u>Analyte</u>	<u>Wells</u>
Aluminum	LFW 62B, MSB 11F, RAC 3, TNX 2D, XSB 1A
Chloroethane	LFW 57D
Dichloromethane (Methylene chloride)	BGO 6A, FSB 76A, FSB100A

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Table 35. GE Samples and Blind Replicates Yielding Results Where One Is More than Twice Another (cont.)

<u>Analyte</u>	<u>Wells</u>
Dissolved organic carbon	CSD 9D, LCO 3
Iron	BGX 5D, HSB129D, KCB 1, LFW 62B, LRP 1, MSB 26A, MSB 32, MSB 36D, MSB 39D, MSB 41D, MSB 56D, RAC 3
Manganese	KCB 1, PAC 1
Mercury	HCB 1
Nitrate-nitrite as nitrogen	LAW 3C, MSB 8B
Potassium	HSB125C
Selenium	PCB 2A
Sulfate	DCB 2A
Tetrachloroethylene	ABW 1
Total dissolved solids	ABP 4, MSB 85B
Total organic halogens	DOB 2, HSB 65B, KCB 1
Total phosphates (as P)	FSB 76A, HSB125C
Turbidity	BGX 5D, BGX 9D
Gross alpha	HSB116D, MSB 33A, MSB 70C
Nonvolatile beta	ABP 4, LCO 3
Total alpha-emitting radium	CSO 1, HAC 1, HSB125C
Tritium	MSB 41TA, MSB 50B

High MRDs (greater than 20) were calculated for Weston laboratory duplicate analyses of zinc, gross alpha, and nonvolatile beta (see table 29). Table 36 lists analytes and wells from which

samples and laboratory duplicates yielded results where one result was more than twice the other. The high MRD for zinc is caused by differences in duplicate analyses in well XSB 1A.

Table 36. Weston Samples and Laboratory Duplicates Yielding Results Where One Is More than Twice Another

<u>Analyte</u>	<u>Wells</u>
Acetone	LFW 10A
Bis(2-ethylhexyl) phthalate	LAC 2
Iron	ABP 4
Nitrate as nitrogen	QA 110A
Phenols	LFW 58D
Tetrachloroethylene	MSB 70C
Total dissolved solids	HXB 1
Gross alpha	CMP 8, HWS 2, SRW 2A
Nonvolatile beta	ABW 1, CMP 8, DBP 3, HWS 2, IDQ 3A, LAC 2, LFW 21, MSB 8B, MSB 33A
Tritium	LFW 43B

High MRDs (greater than 20) from Weston for blind replicates (see table 29) were calculated for bis(2-ethylhexyl) phthalate, iron, nitrate as nitrogen, total dissolved solids, turbidity, zinc,

gross alpha, and nonvolatile beta. Table 37 lists the analytes and wells from which samples and blind replicates yielded results where one result was more than twice another.

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Table 37. Weston Samples and Blind Replicates Yielding Results Where One Is More than Twice Another

<u>Analyte</u>	<u>Wells</u>
Aluminum	KAC 4, LFW 62B, RAC 3, ZDT 1
Bis(2-ethylhexyl) phthalate	LAC 2
Barium	LRP 1
Cadmium	ASB 8A
Calcium	LRP 1
Chromium	LCO 3, LFW 59B
Cyanide	HCB 1
Iron	BGX 5D, CCB 4, FAC 4, HSS 2D, LCO 3, LFW 62B, MSB 33A, RAC 3, TNX 2D
Lead	CCB 4
Magnesium	LRP 1
Manganese	LRP 1, LCO 3
Mercury	XSB 1A
Nickel	BGX 5D, FNB 3
Nitrate as nitrogen	ACB 2A, BGO 6A, BGO 8AR, DCB 2A, HSB 65B, LFW 43C, LFW 47D, MSB 8B, YSC 2A
Silica	LRP 1
Sodium	LRP 1
Specific conductance	LFW 57D
Sulfate	FSB 76A, FSB100A, HCB 1, HMD 2D, HSB 71, HWS 2
Total dissolved solids	BRD 1, CRP 4, CSD 9D, DBP 3, FNB 3, FSB118D, HMD 2D, HXB 1, IDQ 3A, KRP 4, KSB 2, KSS 2D, LSB 2, MSB 41TA, MSB 70C, PCB 2A, PSS 2D, ZDT 1
Total organic carbon	ACB 2A, BGO 6A, MSB 8B
Total organic halogens	BGO 8AR, FAC 4, HSB 71, IDB 2A, IDQ 3A, LFW 57D
Total phosphates (as P)	CSA 3, CSO 1, FSB123D, TBG 5A, TNX 2D
Turbidity	BGX 9D
Zinc	ZDT 1
Gross alpha	BRD 1, CSA 3, KRP 4, LFW 57D, LFW 59B, MSB 50B, NPM 19B, SRW 2A, XSB 1A
Nonvolatile beta	ASB 8A, BGO 8AR, BRD 1, DBP 3, FET 4D, HSS 2D, HXB 1, KRP 4, KSB 2, KSS 2D, LCO 3, LFW 59B, MSB 85B, TBG 5A
Tritium	ACB 2A

High MRDs (greater than 20) for GP laboratory duplicate analyses (see table 30) did not appear for any analytes. The only analyte that had a sample result greater than twice or less than half the result for its duplicate was strontium-90 in wells HSB 117D and FSB 118D.

High MRDs (greater than 20) for blind replicates from GP (see table 30) were calculated for radium-228 and strontium-90. Table 38 lists the analytes and wells from which one result for a sample or its blind replicate was more than twice the other.

Table 38. GP Samples and Blind Replicates Yielding Results Where One Is More than Twice Another

<u>Analyte</u>	<u>Wells</u>
Radium-226	FNB 3
Radium-228	HSB 65B, HSB 85C
Strontium-90	HAP 1
Technetium-99	FSB100A

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High MRDs (greater than 20) for Clemson TC duplicate analyses (see table 31) did not appear for any analyte. Again, there were no analytes and wells for which a sample result was greater than twice or less than half the result for its duplicate.

High MRDs (greater than 20) for Clemson TC blind replicates (see table 31) did not appear for any analyte. The only analyte from which samples and blind replicates yielded results where one result was more than twice another was thorium-230 in well ASB 8A.

Interlaboratory comparison results between GE and Weston (see table 32) yielded MRDs greater than 20 for several analytes: calcium, dissolved organic carbon, iron, nitrite as nitrogen, sodium, specific conductance, total dissolved

solids, total organic halogens, turbidity, and zinc. The high MRDs for iron and turbidity corresponded to low *t*-test probabilities. High MRD values indicate imprecise data. Low *t*-test probabilities indicate a consistent and significant bias between the laboratories, with one laboratory reporting results consistently higher or lower than the other.

Interlaboratory comparison results between GP and Clemson TC (see table 33) yielded MRDs greater than 20 for two analytes: strontium-89 and strontium-90.

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

Table 39. Analytes with One Laboratory's Result Greater than Twice the Result from the Other Laboratory Between GE and Weston

<u>Analyte</u>	<u>Wells</u>
Aluminum	CBR 2D, CSA 3, FBP 2A, FCB 3, HAP 1, HSB 71, HWS 2, KCB 1, MSB 85B, PAC 1, QA 64A*, QA116A, QA124A, ZDT 1
Barium	PCB 2A, QA 124A
Bis(2-ethylhexyl) phthalate	LAC 2
Calcium	PCB 2A, QA 2A, QA 2B, QA 4B, QA 6A, QA 10A, QA 12A, QA 14A, QA 18A, QA 36A, QA 42A, QA 48A, QA 52A, QA 54A, QA 62A, QA 64A, QA 66A, QA 68A, QA 70A, QA 74A, QA 98A, QA 102A, QA 106A, QA 110A, QA 112A, QA 116A, QA 118A, QA 124A, QA 128A, QA 134A, QA 138A, QA 140A, QA 144A
Chloride	QA 20A, QA 112A, QA 116A, QA 134A, QA 140A, QA 146A
Chromium	HWS 2, KSS 2D, LCO 3
Dissolved organic carbon	LCO 3
Fluoride	PCB 2A
Iron	BGX 9D, BRD 1, CBR 2D, CCB 4, CRP 4, CSA 3, DCB 2A, FAC 4, FBP 2A, FCB 3, FNB 3, FSB118D, FSB123D, HAP 1, HSS 2D, HWS 2, KAC 4, KCB 1, KSB 2, KSS 2D, LAC 2, LCO 3, LFW 47D, LFW 59D, LFW 62B, LRP 1, MCB 6C, NPM 19B, PCB 2A, PSS 2D, QA 24A, QA 52A, QA 70A, QA 108A, QA 116A, QA 124A, QA 136A, QA 138A, QA 140A, QA 148A, TNX 2D, XSB 1A
Lead	QA 124A, QA 144A
Magnesium	QA 12A, QA 52A, QA 66A, QA 70A, QA 74A, QA 114A, QA 116A, QA 118A, QA 124A, QA 144A
Manganese	PCB 2A, QA 116A, QA 124A, QA 132A
Mercury	FAC 4, HCB 1
Nickel	HCB 1
Nitrite as nitrogen	QA 136A
Potassium	QA 124A
Silica	LRP 1, QA 16A, QA 78A, QA 124A

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Table 39. Analytes with One Laboratory's Result Greater than Twice the Result from the Other Laboratory Between GE and Weston (cont.)

<u>Analyte</u>	<u>Wells</u>
Sodium	PCB 2A, QA 2A, QA 4A, QA 8A, QA 10A, QA 12A, QA 14A, QA 16A, QA 28A, QA 34A, QA 40A, QA 44A, QA 46A, QA 50A, QA 52A, QA 54A, QA 62A, QA 66A, QA 70A, QA 76A, QA 80A, QA 86A, QA 92A, QA 94A, QA 96A, QA 98A, QA 102A, QA 104A, QA 108A, QA 112A, QA 118A, QA 120A, QA 124A, QA 128A, QA 130A, QA 132A, QA 136A, QA 138A, QA 140A, QA 146A
Specific conductance	LCO 3, QA 2A, QA 6A, QA 6B, QA 10A, QA 16A, QA 22A, QA 24A, QA 26A, QA 28A, QA 30A, QA 32A, QA 34A, QA 36A, QA 38A, QA 40A, QA 42A, QA 44A, QA 50A, QA 52A, QA 58A, QA 60A, QA 64A, QA 66A, QA 68A, QA 70A, QA 72A, QA 74A, QA 88A, QA 90A, QA 92A, QA 94A, QA 98A, QA 100A, QA 102A, QA 104A, QA 106A, QA 108A, QA 110A, QA 114A, QA 116A, QA 118A, QA 120A, QA 122A, QA 128A, QA 130A, QA 132A, QA 134A, QA 136A, QA 138A, QA 140A, QA 142A, QA 144A, QA 148A
Sulfate	FSB100A, HWS 2
Total dissolved solids	ABW 1, AMB 7B, FNB 3, FSB100A, HMD 2D, HSB 85C, HXB 1, IDQ 3A, KSS 2D, LFW 59B, LSB 2, MSB 41TA, MSB 50B, MSB 85B, PCB 2A, PSS 2D, QA 2A, QA 4A, QA 4B, QA 6A, QA 6B, QA 8A, QA 10A, QA 12A, QA 14A, QA 16A, QA 22A, QA 24A, QA 30A, QA 36A, QA 40A, QA 46A, QA 50A, QA 58A, QA 60A, QA 62A, QA 64A, QA 66A, QA 70A, QA 78A, QA 80A, QA 82A, QA 90A, QA 98A, QA 108A, QA 110A, QA 112A, QA 114A, QA 118A, QA 122A, QA 130A, QA 140A, QA 142A, QA 146A
Total organic carbon	ACB 2A, HAP 1, QA 58A, QA 110A
Total organic halogens	AMB 7B, CSD 9D, FAC 4, HAP 1, HCB 1, HSB 65B, HSB 71, IDB 2A, KAB 4, KSS 2D, LAW 3C, LCO 3, LFW 47D, LFW 57D, PCB 2A, QA 10A, QA 18A, QA 36A, QA 66A, QA 70A, SRW 2A
Total phosphates (as P)	BGO 46B, CSA 3, CSO 1, FSB123D, HSB 71, QA 8A, QA 28A, QA 30A, QA 60A, TBG 5A, TNX 2D
Turbidity	BGX 5D, FAC 4, HAC 1, KAC 4, QA 146A
Zinc	BGO 6A, BGO 8AR, CSA 3, FSB 76A, FSB100A, FSB123D, HSB 65B, HSB 85C, QA 10A, QA 12A, QA 14A, QA 30A, QA 36A, QA 50A, QA 52A, QA 54A, QA 60A, QA 64A, QA 66A, QA 68A, QA 70A, QA 118A, QA 122A, QA 124A, QA 128A, XSB 1A
Gross alpha	FCA 9DR, FCB 3, LFW 59B, LFW 62B
Nonvolatile beta	BGO 6A, FAC 4, FBP 2A, FCB 3, IDB 2A, MSB 50B, PCB 2A, QA 52A, QA 74A
Tritium	ACB 2A, DBP 3, MSB 41TA, MSB 50B, QA 30A, QA 104A

* Results for blind blanks are given in Appendix B.

QUALITY CONTROL SAMPLES

Analytes with significance-of-probability values of less than .050 (see table 32) have a 95% chance that one laboratory's results are significantly higher than those from the other laboratory. Five analytes had values less than .050: chloride, chromium, iron, total phosphates (as P), and turbidity. Each of these constit-

uents had significantly higher values for Weston. The laboratories use different methods for analyzing chloride and digesting samples for metals analyses. See the **Methods** subsection of the **Analytical Data Review** section of this report for more information.

Table 40. Analytes with One Laboratory's Result Greater than Twice the Result from the Other Laboratory Between GP and Clemson TC

<u>Analyte</u>	<u>Wells</u>
Radium-228	HSB 85C
Strontium-89	FCA 9DR, HSB 65B, QA 64A
Strontium-90	FCA 9DR, HAP 1, QA 128A
Technetium-99	FSB100A

There were no analytes with significance-of-probability values of less than .050 (see table 33). Therefore, neither laboratory's results are

significantly higher than those from the other laboratory.

QUALITY CONTROL STANDARDS

During first quarter 1993, EPD/EMS conducted a quality assessment of GE and Weston laboratories. The laboratories were sent a set of certified environmental quality control standards purchased from Environmental Resource Associates (ERA) of Arvada, CO (Lot Numbers 416, 545, 3201, 3202, 3402, 8907, and 9947). The results are listed in table 41.

because the sample vials were broken. GE also did not analyze nitrate as nitrogen or pentachlorophenol (by method 8150). Weston did not analyzealachlor, alkalinity, alkalinity as CaCO₃, ammonia as N, atrazine, boron, molybdenum, nitrate-nitrite as nitrogen, pentachlorophenol (by method 8150) or strontium because they are not in the current contract.

GE's and Weston's results were compared with the ERA-certified values and advisory ranges. GE did not analyzealachlor, atrazine, endrin, heptachlor, heptachlor epoxide, lindane, methoxychlor, 2,4,5-TP (silvex), and 2,4-D

Of 103 analyses reported by GE, 97, or 94.2% fell within the advisory range. Of 102 analyses reported by Weston, 94, or 92.2% fell within the advisory range.

Table 41. Quality Control Standards for Selected Analyses

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE Result</u>	<u>Weston Result</u>
Cyanide & Phenol (Lot 9947)				
Cyanide (µg/L)	445	320-570	418	572*
Phenol (µg/L)	332	250-410	336	361

* Results out of range.

QUALITY CONTROL SAMPLES

Table 41. Quality Control Standards for Selected Analyses (cont.)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE Result</u>	<u>Weston Result</u>
Minerals (Lot 9947)				
Alkalinity (µg/L)	171,000	152,000–190,000	168,000	†
Chloride (µg/L)	213,000	198,000–228,000	206,000	205,000
Fluoride (µg/L)	8,780	7,500–10,000	8,690	8,590
pH	9.1	8.9–9.3	9.13	9.04
Potassium (µg/L)	153,000	130,000–176,000	160,000	159,000
Specific conductance (µS/cm)	1,450	1,230–1,670	1,350	1,550
Sodium (µg/L)	217,000	184,000–250,000	222,000	222,000
Sulfate (µg/L)	166,000	143,000–189,000	160,000	167,000
Total dissolved solids (µg/L)	1,090,000	945,000–1,230,000	1,040,000	1,080,000
Grease and Oil (Lot 9947)				
Grease and oil (mg/bottle)	47.5	32–59	35.6	35.5
Base/Neutrals (Lot 543)				
Acenaphthythylene (µg/L)	95.3	31–140	88.3	57.8
Anthracene (µg/L)	101	27–130	88.3	93.4
Benzo[a]anthracene (µg/L)	90.7	30–130	74.5	77.2
Bis(2-chloroethyl) ether (µg/L)	29.2	7.0–46	21.1	17.9
Bis(2-ethylhexyl) phthalate (µg/L)	20.0	3.2–32	21.9	15.5
Chrysene (µg/L)	50.7	8.6–85	51.8	51.5
Dibenzofuran (µg/L)	119	67–130	93.6	78
1,2-Dichlorobenzene (µg/L)	171	55–220	120	98.5
2,4-Dinitrotoluene (µg/L)	69.1	27–96	56.7	50.7
Fluorene (µg/L)	63.3	37–77	56.6	42.6
Hexachloroethane (µg/L)	149	60–170	83	34.7*
Naphthalene (µg/L)	135	51–180	124	83.5
Nitrobenzene (µg/L)	38.9	14–70	33.4	27
Pyrene (µg/L)	86.3	45–99	331*	70.7
1,2,4-Trichlorobenzene (µg/L)	109	48–160	83.6	51.5
Acids (Lot 545)				
para-Chloro-meta-cresol (µg/L)	130	57–190	106	85.4
2-Chlorophenol (µg/L)	89.3	20–120	68.6	51.7
2-Methyl phenol (µg/L)	60.7	22–70	43.4	39.7
4-Methyl phenol (µg/L)	149	65–160	82.5	91.2
Pentachlorophenol (µg/L)	120	18–210	113	99.9
2,4,6-Trichlorophenol (µg/L)	99	37–140	85.8	66.5
Nutrients (Lot 9947)				
Ammonia nitrogen (µg/L)	9,760	8,200–11,000	9,450	†
Nitrate-nitrite as nitrogen (µg/L)	13,000	12,000–14,000	13,200	†

† Results not received.

* Results out of range.

QUALITY CONTROL SAMPLES

Table 41. Quality Control Standards for Selected Analyses (cont.)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE Result</u>	<u>Weston Result</u>
Nitrate as nitrogen ($\mu\text{g/L}$)	13,000	12,000–14,000	†	11,900*
Total phosphates (as P) ($\mu\text{g/L}$)	5,330	4,500–6,100	5,500	5,530
Trace Metals (Lot 9947)				
Aluminum ($\mu\text{g/L}$)	200	164–236	236	218
Antimony ($\mu\text{g/L}$)	128	96–151	132	140
Arsenic ($\mu\text{g/L}$)	50	38–59	50.3	50.4
Barium ($\mu\text{g/L}$)	161	132–190	166	163
Beryllium ($\mu\text{g/L}$)	64.1	53–76	61.1	63.4
Boron ($\mu\text{g/L}$)	154	126–182	188*	†
Cadmium ($\mu\text{g/L}$)	150	123–177	158	157
Chromium ($\mu\text{g/L}$)	500	410–590	514	523
Cobalt ($\mu\text{g/L}$)	173	142–204	181	183
Copper ($\mu\text{g/L}$)	500	410–590	541	509
Iron ($\mu\text{g/L}$)	250	205–295	256	266
Lead ($\mu\text{g/L}$)	500	410–590	489	495
Manganese ($\mu\text{g/L}$)	250	205–295	256	260
Mercury ($\mu\text{g/L}$)	5.04	3.8–5.9	4.7	4.2
Molybdenum ($\mu\text{g/L}$)	150	123–177	158	†
Nickel ($\mu\text{g/L}$)	250	205–295	258	269
Selenium ($\mu\text{g/L}$)	40.4	30–48	45.4	39.8
Silver ($\mu\text{g/L}$)	49.4	41–58	51.2	48.1
Strontium ($\mu\text{g/L}$)	500	410–590	539	
Thallium ($\mu\text{g/L}$)	25.0	19–30	24	25.3
Vanadium ($\mu\text{g/L}$)	105	86–124	107	104
Zinc ($\mu\text{g/L}$)	250	205–295	255	267
Total Petroleum Hydrocarbons (Lot 8907)				
Sample 1, no fatty acids (mg/bottle)	138	83–170	85.5	58.8†
Sample 2, containing fatty acids (mg/bottle)	77.5	46–97	51.3	25.1*
PCBs (Lot 545)				
PCB 1221 ($\mu\text{g/L}$)	4.67	0.70–8.3	3.06	4.88
Volatiles (Lot 545)				
Benzene ($\mu\text{g/L}$)	80.3	30–120	69.9	89.2
Bromodichloromethane ($\mu\text{g/L}$)	23.5	8.2–36	22.1	27.3
Bromoform ($\mu\text{g/L}$)	70	31–120	68.1	76.7
Carbon tetrachloride ($\mu\text{g/L}$)	20.1	14–28	17.3	19.5
Chlorobenzene ($\mu\text{g/L}$)	49.6	18–79	43.5	50.9
Chloroform ($\mu\text{g/L}$)	49.9	25–69	43.5	51.2
Dibromochloromethane ($\mu\text{g/L}$)	99.7	53–150	90.8	111
1,2-Dichlorobenzene ($\mu\text{g/L}$)	101	56–160	83	64.9
1,2-Dichloroethane ($\mu\text{g/L}$)	47.5	23–74	42.4	50.7

† Results not received.

* Results out of range.

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Table 41. Quality Control Standards for Selected Analyses (cont.)

Analyte	Certified Value	Advisory Range	GE Result	Weston Result
1,1-Dichloroethylene (µg/L)	100	19-140	88.9	102
Dichloromethane (Methylene chloride) (µg/L)	40.2	14-83	36.3	40.8
Ethyl benzene (µg/L)	28.1	10-46	24.6	27.3
Methyl isobutyl ketone (µg/L)	94.9	28-150	92.6	114
Tetrachloroethylene (µg/L)	20	13-30	17.4	17.7
Toluene (µg/L)	25.3	12-38	22.1	27.3
1,1,1-Trichloroethane (µg/L)	40.7	21-66	35	41.6
1,1,2-Trichloroethane (µg/L)	30.1	16-45	29	35.3
Trichloroethylene (µg/L)	36.5	26-57	30.9	37.5
p-Xylene (µg/L)	20	9.4-27	19.3	19.3
Cations (Lot 416)				
Calcium (µg/L)	25,900	22,000-31,000	26,100	26,300
Magnesium (µg/L)	152,000	129,000-175,000	160,000	163,000
Potassium (µg/L)	19,900	17,000-23,000	18,300	20,400
Sodium (µg/L)	91,400	77,000-105,000	94,600	94,200
Toxaphene (Lot 3201)				
Toxaphene (µg/L)	5.24	4.2-7.2	4.26	4.78
Turbidity (Lot 3402)				
Turbidity (NTU)	6.0	5.1-6.9	6.04	5.79
Herbicides/Pesticides (Lot 3202)				
Alachlor (µg/L)	3.74	2.3-4.8	3,140*	†
Atrazine (µg/L)	7.28	5.0-8.4	6,810*	*
2,4-D (µg/L)	3.14	1.5-4.1	15*	4.09
Endrin (µg/L)	5.44	3.4-6.2	4.73	4.48
Heptachlor (µg/L)	8.83	5.6-12	10,500*	5.98
Heptachlor epoxide (µg/L)	3.46	2.1-3.9	3.01	2.90
Lindane (gamma-Benzene hexa-chloride) (µg/L)	6.17	3.7-7.3	6.66	5.19
Methoxychlor (µg/L)	2.06	1.3-3.0	1.94	2.15
Pentachlorophenol (µg/L)	3.56	1.3-4.8	†	†
2,4,5-TP (Silvex) (µg/L)	4.45	1.9-5.8	4.50	5.36
Organics (Lot 3201)				
Alachlor (µg/L)	4.67	2.9-6.0	†	†
Atrazine (µg/L)	3.34	2.3-3.9	†	†
2,4-D (µg/L)	5.68	2.7-7.4	†	5.90
Endrin (µg/L)	1.96	1.2-2.2	†	4.89*
Heptachlor (µg/L)	4.02	2.5-5.3	†	4.80
Heptachlor epoxide (µg/L)	9.01	5.5-10	†	3.02

* Results out of range.

† Results not received.

QUALITY CONTROL SAMPLES

Table 41. Quality Control Standards for Selected Analyses (cont.)

<u>Analyte</u>	<u>Certified Value</u>	<u>Advisory Range</u>	<u>GE Result</u>	<u>Weston Result</u>
Lindane (gamma-Benzene hexa-chloride) ($\mu\text{g/L}$)	3.02	1.8-3.6	†	3.66*
Methoxychlor ($\mu\text{g/L}$)	8.23	5.3-12	†	0.50*
Pentachlorophenol ($\mu\text{g/L}$)	4.21	1.5-5.6	†	†
2,4,5-TP (Silvex) ($\mu\text{g/L}$)	2.82	1.2-3.7	†	3.11
Inorganics (Lot 3402)				
Alkalinity as CaCO_3 ($\mu\text{g/L}$)	106,000	94,000-113,000	106,000	†
Chloride ($\mu\text{g/L}$)	58,000	53,000-68,000	55,400	58,100
Fluoride ($\mu\text{g/L}$)	4,100	3,500-4,700	4,180	4,160
Nitrate-nitrite as nitrogen ($\mu\text{g/L}$)	3,510	3,100-3,900	3,370	†
Nitrate as nitrogen ($\mu\text{g/L}$)	3,510	3,100-3,900	†	3,240
pH	9.0	8.8-9.2	9.09	9.06
Potassium ($\mu\text{g/L}$)	18,200	15,000-21,000	20,800	18,500
Sulfate ($\mu\text{g/L}$)	111,000	94,000-128,000	107,000	111,000
Total dissolved solids ($\mu\text{g/L}$)	548,000	466,000-630,000	521,000	542,000

† Results not received.

* Results out of range.

WATER INTERCOMPARISON LABORATORY PERFORMANCE EVALUATION

Clemson TC participated in a water intercomparison laboratory study for which performance evaluation reports were issued in October and November of 1992. The EPA conducts this study to certify laboratories for specific analyses. The EPA's Environmental Monitoring Systems Laboratory (EMSL) of Las Vegas, NV, prepares samples spiked with known concentrations of constituents. These samples are submitted to all laboratories seeking certification to analyze those constituents. The results are evaluated by EMSL using acceptance limits statistically based on the performance of

approximately 100 top-rated laboratories that analyze each constituent by the procedure chosen by the participating laboratory.

Clemson TC submitted results to the EPA for certification during the quarter. The laboratory analyzed for radionuclides only. The results are listed in table 42. The true value of the samples is set by the EPA based on statistical calculations or, when necessary, a reference value. Clemson TC had two unacceptable results and one result outside the warning region.

Table 42. Laboratory Performance Evaluation, Water Intercomparison Study

<u>Analyte</u>	<u>Average Result</u>	<u>Known Value</u>	<u>Control Limits</u>
Radionuclides			
Cesium-134 (pCi/L)	5.67	5.0	0.0 to 13.7
Cesium-137 (pCi/L)	10.67	8.0	0.0 to 16.7

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Table 42. Laboratory Performance Evaluation, Water Intercomparison Study (cont.)

<u>Analyte</u>	<u>Average Result</u>	<u>Known Value</u>	<u>Control Limits</u>
Cobalt-60 (pCi/L)	21.67	15.0	6.3 to 23.7†
Gross alpha (pCi/L)	28.67	29.0	16.9 to 41.1
Gross beta (pCi/L)	45.0	53.0	35.7 to 70.3
Radium-226 (pCi/L)	4.47	7.4	5.5 to 9.3*
	4.60	7.5	5.6 to 9.4*
Radium-228 (pCi/L)	7.20	10.0	5.7 to 14.3
	3.70	5.0	2.7 to 7.3
Strontium-89 (pCi/L)	9.33	8.0	0.0 to 16.7
Strontium-90 (pCi/L)	12.67	5.0	1.3 to 18.7
Uranium (pCi/L)	14.23	15.2	10.0 to 20.4
Uranium (natural) (pCi/L)	9.00	10.2	5.0 to 15.4

† Indicates that the result is within the warning region but still within the control limits.

* Result is outside the control limits.

RECORDS REVIEW SUMMARY OF PRIMARY LABORATORIES

Reviewers visited GE and Weston in May 1993 to determine if the laboratories' practices and recordkeeping conformed with the standards of SW-846 for QA Objective 3 data. The reviewers examined SRS Groundwater Monitoring Program's records for samples collected from January through March 1993.

Records Review of GE

At GE, reviewers examined laboratory procedures for analysis of GCMS volatiles by method 8240, GCMS semivolatiles by method 8270, metals by method 6010, and Atomic Absorption (AA) metals by their respective methods (arsenic by method 7060, antimony by method 7041, selenium by method 7740, and mercury by method 7470).

The laboratory maintained records for every issue addressed in this records review; all of the records examined were in good condition, legible, and met the criteria for QA Objective 3.

Some anomalies were observed in the laboratory's procedures. GE failed to analyze inter-

ference check samples (ICS) at the required frequency in most samples examined and occasionally failed to run standards and blanks at the required frequency. QA Objective 3 guidelines require the qualification of some data affected by such lapses with a "J" qualifier.

For the methods examined, GE routinely recorded the data necessary to validate analyses to QA Objective 3. For methods 8240 and 8270, all criteria necessary to accept the data were met in every sample examined. In the case of method 6010, however, GE's failure to follow all procedures closely required that some data be qualified with the "J" qualifier. As the rules are written, none of the data in the 11 samples examined needed to be assigned a "J" qualifier. However, if the data examined were representative of the entire data set, then approximately 1–5% of the detected analytes should have been qualified. Wells most likely to contain problem data were those with very high hits of aluminum, calcium, iron, and magnesium (due to ICS problems). This problem notwithstanding, the data still would have achieved QA Objective 3 status after being qualified.

QUALITY CONTROL SAMPLES

Records Review of Weston

At Weston, reviewers examined laboratory procedures for analysis of GCMS volatiles by method 8240, pesticides/PCBs by method 8080, metals by method 200.7, and AA metals by their respective methods (arsenic by method 206.2 and antimony by method 204.2).

The laboratory maintained records for every issue addressed in this records review, and all records examined met the criteria for QA Objective 3. All records were legible and in good condition.

Weston routinely recorded the data necessary to validate analyses to QA Objective 3 for all methods examined and appeared to follow the EPA methods closely.

However, several anomalies were noted: four instances of incorrect analysis times reported in the EDD (electronic data deliverable), although none of these affected holding time considerations; five cases of surrogate recovery out of

specification; two cases of endrin %D > 15%; four cases of p,p'-DDT retention time less than 12 minutes (although in three of these cases, the retention time was 11.93 or greater); and one case of improper preservation. None of these anomalies was serious enough to warrant rejection, according to QA Objective 3 criteria.

QA Objective 3 data validation depends heavily on the proper use of EDD result qualifiers. For all of the anomalies listed above, the Functional Guidelines provide associated instructions for qualifying affected data with a "J" or "R" qualifier. For all but one of the specific wells examined, a "J" or "R" qualifier was not necessary (usually because the analyte of concern was not detected in the sample). In the case where the laboratory should have used a qualifier (the improper pH of MSB 8B), the qualifier was not used in the EDD.

Once the "Y" qualifier is added to the analytical record for MSB 8B, then all of the data examined will have met QA Objective 3 criteria.

BLANKS

Blanks are among the quality control measures discussed in the *RCKA Ground-Water Monitoring Technical Enforcement Guidance Document* (EPA, 1986b). There are two general categories of blanks: sampling blanks, which test the integrity of field sample collection methods and equipment, and laboratory quality control blanks, which test for contamination or other false positives when samples are analyzed in the laboratory.

Sampling Blanks

Two types of sampling blanks were sent to the laboratories during first quarter. Trip blanks (denoted as QA samples throughout this report) are sample containers of deionized water that are transported to the well sample location, left unopened, and sent to the laboratory for analysis. They can be used to check for contamination resulting from transport, shipping, and site conditions. They also are used as blind blanks to test the laboratory's reliability.

Equipment blanks (EPT) are samples of deionized water that are opened at the sampling location and poured or pumped through the sampling device or metals filter to test for equipment contamination. Results from these blanks are used to identify possible contaminants in the sampling equipment.

Laboratory Quality Control Blanks

Laboratory blanks, also called internal blanks, are generated internally by a laboratory to test the integrity of its procedures and equipment.

Analytical Results and Review

During first quarter, five trip blanks were reported with dichloromethane at or above its Flag 2 level. Aluminum was detected above the Flag 2, criterion in three trip blanks; four constituents (lead, manganese, trichloroethylene, or strontium-89) were detected above Flag 2 levels in three trip blanks. Dissolved organic

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carbon was detected above the Flag 2 criterion in one equipment blank.

The **Analytical-Data Review** section lists first-quarter laboratory blanks and EPD/EMS blind blanks (trip blanks) with elevated results, along with the groundwater samples that accompanied them in their respective analytical batches.

A number of blanks were associated with laboratory and EPD/EMS blind blanks yielding elevated results for various constituents. The following tables list the blanks having elevated results with other laboratory and EPD/EMS blind blanks analyzed in the same batches.

Table 43. Weston Laboratory Blanks Having Elevated Results and Accompanying EPD/EMS Blanks

<u>Analyte</u>	<u>Run Date</u>	<u>Blank Results</u>	<u>EPD/EMS Blanks Accompanying Laboratory Blanks</u>
Acetone	01/21/93	27.4 µg/L	QA 144A
Bis(2-ethylhexyl) phthalate	03/15/93	74.2 µg/L	QA 136A
Magnesium	01/24/93	28.6 µg/L	QA 144A
Magnesium	01/29/93	25.0 µg/L	QA 68A
Magnesium	03/08/93	39.7 µg/L	QA 56A
Phenols	02/08/93	9.64 µg/L	QA 68A, QA 104A, QA 106A

Table 44. EPD/EMS Blind Blanks Having Elevated Results from GE and Accompanying Other EPD/EMS Blanks

<u>Analyte</u>	<u>Blank</u>	<u>Blank Results</u>	<u>EPD/EMS Blanks Accompanying Blind Blanks</u>
Aluminum	QA 64A	51.6 µg/L	QA 6A
Fluoride	QA 106A	163 µg/L	QA 104A
Nitrate-nitrite as nitrogen	QA 50A	190 µg/L	QA 4A, QA 10A
Nitrate-nitrite as nitrogen	QA 90A	140 µg/L	QA 48A, QA 58A, QA 88A, QA 94A, QA 126A
Nitrate-nitrite as nitrogen	QA 100A	1,300 µg/L	QA 6A, QA 64A
Nitrate-nitrite as nitrogen	QA 120A	360 µg/L	QA 24A, QA 26A, QA 60A, QA 72A, QA 74A, QA 122A
Silica	QA 2B	13,700 µg/L	QA 42A
Silica	QA 4B	13,100 µg/L	QA 6B
Silica	QA 6A	10,500 µg/L	QA 64A
Silica	QA 6B	11,800 µg/L	QA 4B
Silica	QA 18A	21,600 µg/L	QA 16A, QA 20A, QA 56A
Silica	QA 20A	18,700 µg/L	QA 16A, QA 18A, QA 56A
Silica	QA 22A	16,900 µg/L;	QA 58A
		17,000 µg/L	
Silica	QA 42A	24,900 µg/L	QA 2B
Silica	QA 44A	20,100 µg/L	QA 46A, QA 76A
Silica	QA 46A	17,900 µg/L;	QA 44A, QA 76A
		18,000 µg/L	
Silica	QA 56A	25,700 µg/L	QA 16A, QA 18A, QA 20A
Silica	QA 58A	21,000 µg/L	QA 22A
Silica	QA 64A	9,660 µg/L	QA 6A
Silica	QA 76A	15,600 µg/L	QA 44A, QA 46A

QUALITY CONTROL SAMPLES

Table 44. EPD/EMS Blind Blanks Having Elevated Results from GE and Accompanying Other EPD/EMS Blanks (cont.)

<u>Analyte</u>	<u>Blank</u>	<u>Blank Results</u>	<u>EPD/EMS Blanks Accompanying Blind Blanks</u>
Silica	QA 88A	20,300 µg/L	QA 94A
Silica	QA 90A	15,400 µg/L	QA 126A
Silica	QA 94A	21,500 µg/L	QA 88A
Silica	QA 126A	16,500 µg/L	QA 90
Sodium	QA 4B	322 µg/L	QA 6B
Sodium	QA 6B	390 µg/L; 393 µg/L	QA 4B
Sodium	QA 18A	1,480 µg/L	QA 16A, QA 20A, QA 56A
Sodium	QA 20A	5,230 µg/L	QA 16A, QA 18A, QA 56A
Sodium	QA 64A	3,420 µg/L	QA 6A
Specific conductance	QA 60A	0.092 µS/cm	QA 26A, QA 74A
Total dissolved solids	QA 2B	29,000 µg/L	QA 4B, QA 6B
Total dissolved solids	QA 18A	34,000 µg/L	QA 20A, QA 56A
Total dissolved solids	QA 20A	34,000 µg/L	QA 18A, QA 56A
Total dissolved solids	QA 44A	38,000 µg/L	QA 24A, QA 46A
Total dissolved solids	QA 56A	32,000 µg/L	QA 18A, QA 20A
Total dissolved solids	QA 76A	36,000 µg/L	QA 126A
Total dissolved solids	QA 126A	28,000 µg/L	QA 76A
Total organic halogens	QA 18A	12.9 µg/L	QA 8A, QA 20A, QA 148A
Total phosphates (as P)	QA 66A	90 µg/L	QA 2A, QA 70A
Nonvolatile beta	QA 74A	5.95E - 09 pCi/L ± 1.70	QA 60A

Table 45. EPD/EMS Blind Blanks Having Elevated Results from Weston and Accompanying Other EPD/EMS Blanks

<u>Analyte</u>	<u>Blank</u>	<u>Blank Results</u>	<u>EPD/EMS Blanks Accompanying Blind Blanks</u>
Aluminum	QA 116A	68.2 µg/L	QA 38A
Chloride	QA 140A	1.280 µg/L	QA 2A, QA 4A, QA 10A, QA 12A, QA 40A, QA 66A, QA 70A, QA 98A, QA 108A, QA 110A, QA 118A, QA 138A
Fluoride	QA 20A	143 µg/L	QA 18A, QA 52A, QA 54A, QA 128A, QA 134A, QA 136A, QA 146A
Magnesium	QA 52A	54.2 µg/L	QA 54A
Magnesium	QA 66A	30.4 µg/L	QA 70A
Magnesium	QA 70A	30.8 µg/L	QA 66A
Magnesium	QA 116A	46.0 µg/L	QA 38A
Nitrate as nitrogen	QA 20A	157 µg/L	QA 4A, QA 8A, QA 16A, QA 18A, QA 50A, QA 56A, QA 108A, QA 110A, QA 134A, QA 146A, QA 148A

QUALITY CONTROL SAMPLES

Table 45. EPD/EMS Blind Blanks Having Elevated Results from Weston and Accompanying Other EPD/EMS Blanks (cont.)

Analyte	Blank	Blank Results	EPD/EMS Blanks Accompanying Blind Blanks
PCB 1260	QA 128A	0.472 µg/L	QA 136A
Silica	QA 1B	12,300 µg/L	QA 6B
Silica	QA 6B	12,000 µg/L	QA 4B
Silica	QA 20A	11,700 µg/L	QA 18A
Silica	QA 44A	21,300 µg/L	QA 46A, QA 76A
Silica	QA 46A	14,000 µg/L	QA 44A, QA 76A
Silica	QA 48A	13,700 µg/L	QA 114A
Silica	QA 76A	11,900 µg/L	QA 44A, QA 46A
Silica	QA 116A	14,200 µg/L	QA 38A
Sodium	QA 6B	443 µg/L	QA 4B
Sodium	QA 18A	1,750 µg/L	QA 20A
Sodium	QA 20A	9,390 µg/L	QA 18A
Sodium	QA 38A	427 µg/L	QA 116A
Sodium	QA 116A	449 µg/L	QA 38A
Specific conductance	QA 20A	35.9 µS/cm	QA 8A, QA 18A, QA 56A, QA 146A, QA 148A
Total dissolved solids,	QA 6B	47,000 µg/L; 49,000 µg/L	QA 4B
Total dissolved solids	QA 18A	41,000 µg/L	QA 8A, QA 16A, QA 20A, QA 50A, QA 56A, QA 134A, QA 146A, QA 148A
Total dissolved solids	QA 20A	57,000 µg/L	QA 8A, QA 16A, QA 18A, QA 50A, QA 56A, QA 134A, QA 146A, QA 148A
Total dissolved solids	QA 36A	635,000 µg/L	QA 2B, QA 38A, QA 42A, QA 116A
Total dissolved solids	QA 56A	28,000 µg/L	QA 8A, QA 16A, QA 18A, QA 20A, QA 50A, QA 134, QA 146
Total dissolved solids	QA 60A	71,000 µg/L	QA 26A, QA 28A, QA 30A, QA 34A, QA 60A, QA 74A
Total phosphates (as P)	QA 8A	238 µg/L	QA 16A, QA 18A, QA 20A, QA 50A, QA 56A, QA 134A, QA 146A, QA 148A
Total phosphates (as P)	QA 30A	347 µg/L	QA 24A, QA 26A, QA 28A, QA 34A, QA 60A, QA 72A, QA 74A, QA 120A
Total phosphates (as P)	QA 60A	201 µg/L	QA 24A, QA 26A, QA 28A, QA 30A, QA 34A, QA 60A, QA 72A, QA 74A, QA 120A, QA 122A
Zinc	QA 36A	27.7 µg/L	QA 114A
Zinc	QA 128A	22.9 µg/L	QA 136A

The blanks tables in **Appendix B** list the dates, field measurements, and analytical results for

both types of sampling blanks. See **Appendix A** for a key to abbreviations used in the tables.

9. WATER LEVEL DATA

During first quarter 1993, water level measurements were obtained for hydrogeologic projects. Most of the data presented here were obtained as concurrent data for hydrogeologic interpretation in the A/M and F/H areas. Some wells not routinely monitored for the EPD/EMS Groundwater Monitoring Program, as well as

some wells outside the A/M areas, are included in these data. Only water levels were measured for this project; no field tests of water characteristics were conducted. Ge-Hy Environmental Sampling of New Ellenton, SC, collected the data.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:51
Depth to water: 136.77 ft (41.38 m) below TOC
Water elevation: 224.13 ft (68.32 m) msl

WELL ABP 1DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:54
Depth to water: 132.46 ft (40.37 m) below TOC
Water elevation: 227.66 ft (69.39 m) msl

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:36
Depth to water: 149.42 ft (45.64 m) below TOC
Water elevation: 222.48 ft (67.81 m) msl

WELL ABP 2DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:38
Depth to water: 148.21 ft (45.17 m) below TOC
Water elevation: 222.39 ft (67.79 m) msl

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:48
Depth to water: 129.30 ft (39.41 m) below TOC
Water elevation: 224.40 ft (68.40 m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:45
Depth to water: 166.60 ft (47.73 m) below TOC
Water elevation: 197.90 ft (60.32 m) msl

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:13
Depth to water: 142.04 ft (43.29 m) below TOC
Water elevation: 222.26 ft (67.76 m) msl

WELL ABP 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:09
Depth to water: 141.68 ft (43.16 m) below TOC
Water elevation: 223.42 ft (68.10 m) msl

WELL ABP 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:33
Depth to water: 142.99 ft (43.68 m) below TOC
Water elevation: 222.31 ft (67.76 m) msl

WELL ABP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:16
Depth to water: 140.68 ft (42.88 m) below TOC
Water elevation: 223.62 ft (68.13 m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:30
Depth to water: 174.17 ft (53.09 m) below TOC
Water elevation: 197.93 ft (60.33 m) msl

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:27
Depth to water: 148.95 ft (45.40 m) below TOC
Water elevation: 221.95 ft (67.65 m) msl

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:21
Depth to water: 99.66 ft (30.38 m) below TOC
Water elevation: 225.14 ft (68.62 m) msl

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:05
Depth to water: 48.27 ft (14.71 m) below TOC
Water elevation: 213.83 ft (65.18 m) msl

WATER LEVEL DATA

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:06
Depth to water: 48.21 ft (14.69 m) below TOC
Water elevation: 213.79 ft (65.16 m) msl

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:16
Depth to water: 124.02 ft (37.80 m) below TOC
Water elevation: 220.68 ft (67.26 m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:17
Depth to water: 117.99 ft (35.96 m) below TOC
Water elevation: 226.81 ft (69.13 m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:57
Depth to water: 91.93 ft (28.02 m) below TOC
Water elevation: 210.37 ft (64.12 m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:58
Depth to water: 90.33 ft (27.63 m) below TOC
Water elevation: 212.17 ft (64.67 m) msl

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:05
Depth to water: 122.02 ft (37.19 m) below TOC
Water elevation: 237.58 ft (72.42 m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:02
Depth to water: 110.39 ft (33.66 m) below TOC
Water elevation: 239.41 ft (72.97 m) msl

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:46
Depth to water: 109.36 ft (33.33 m) below TOC
Water elevation: 238.94 ft (72.83 m) msl

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:43
Depth to water: 120.06 ft (36.59 m) below TOC
Water elevation: 239.04 ft (72.86 m) msl

WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:44
Depth to water: 161.69 ft (49.28 m) below TOC
Water elevation: 218.81 ft (66.69 m) msl

WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:46
Depth to water: 166.33 ft (47.65 m) below TOC
Water elevation: 224.07 ft (68.30 m) msl

WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:42
Depth to water: 147.34 ft (44.91 m) below TOC
Water elevation: 232.96 ft (71.01 m) msl

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:47
Depth to water: 146.28 ft (44.59 m) below TOC
Water elevation: 233.32 ft (71.12 m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:48
Depth to water: 143.75 ft (43.82 m) below TOC
Water elevation: 233.45 ft (71.16 m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:54
Depth to water: 136.13 ft (41.49 m) below TOC
Water elevation: 233.77 ft (71.25 m) msl

WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:52
Depth to water: 154.82 ft (47.19 m) below TOC
Water elevation: 218.78 ft (66.68 m) msl

WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:53
Depth to water: 148.72 ft (45.33 m) below TOC
Water elevation: 224.28 ft (68.36 m) msl

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:38
Depth to water: 136.21 ft (41.52 m) below TOC
Water elevation: 233.39 ft (71.14 m) msl

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:35
Depth to water: 134.11 ft (40.88 m) below TOC
Water elevation: 233.79 ft (71.26 m) msl

WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:22
Depth to water: 149.63 ft (45.30 m) below TOC
Water elevation: 217.87 ft (66.41 m) msl

WATER LEVEL DATA

WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:20
Depth to water: 143.75 ft (43.82 m) below TOC
Water elevation: 222.65 ft (67.86 m) msl

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:16
Depth to water: 130.31 ft (39.72 m) below TOC
Water elevation: 236.19 ft (71.68 m) msl

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:14
Depth to water: 6.44 ft (1.96 m) below TOC
Water elevation: 358.86 ft (109.41 m) msl

WELL AMB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 17:03
Depth to water: 141.85 ft (43.24 m) below TOC
Water elevation: 222.75 ft (67.90 m) msl

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 17:02
Depth to water: 127.76 ft (38.94 m) below TOC
Water elevation: 236.24 ft (72.01 m) msl

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:58
Depth to water: 135.24 ft (41.22 m) below TOC
Water elevation: 234.56 ft (71.49 m) msl

WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:10
Depth to water: 146.75 ft (44.73 m) below TOC
Water elevation: 218.35 ft (66.55 m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:23
Depth to water: 104.52 ft (31.86 m) below TOC
Water elevation: 236.68 ft (72.11 m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:28
Depth to water: 111.47 ft (33.98 m) below TOC
Water elevation: 233.93 ft (71.30 m) msl

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:40
Depth to water: 114.15 ft (34.78 m) below TOC
Water elevation: 238.59 ft (72.70 m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:02
Depth to water: 139.42 ft (42.60 m) below TOC
Water elevation: 216.68 ft (66.74 m) msl

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:06
Depth to water: 118.41 ft (36.08 m) below TOC
Water elevation: 218.89 ft (66.72 m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:10
Depth to water: 118.49 ft (36.12 m) below TOC
Water elevation: 221.31 ft (67.46 m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:58
Depth to water: 130.04 ft (39.64 m) below TOC
Water elevation: 218.36 ft (66.56 m) msl

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:57
There was no water in standpipe

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:00
Depth to water: 111.11 ft (33.87 m) below TOC
Water elevation: 237.89 ft (72.51 m) msl

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:02
Depth to water: 126.34 ft (38.51 m) below TOC
Water elevation: 223.06 ft (67.98 m) msl

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:08
Depth to water: 106.04 ft (32.32 m) below TOC
Water elevation: 238.86 ft (72.84 m) msl

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:10
Depth to water: 123.33 ft (37.59 m) below TOC
Water elevation: 222.67 ft (67.87 m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:36
Depth to water: 97.72 ft (29.79 m) below TOC
Water elevation: 237.88 ft (72.51 m) msl

WATER LEVEL DATA

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:26
Depth to water: 108.06 ft (32.93 m) below TOC
Water elevation: 236.96 ft (72.22 m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:16
Depth to water: 114.32 ft (34.86 m) below TOC
Water elevation: 236.88 ft (71.90 m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:18
Depth to water: 136.07 ft (41.47 m) below TOC
Water elevation: 218.13 ft (66.49 m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:20
Depth to water: 129.62 ft (39.51 m) below TOC
Water elevation: 223.98 ft (68.27 m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:22
Depth to water: 138.26 ft (42.44 m) below TOC
Water elevation: 213.66 ft (65.12 m) msl

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:14
Depth to water: 118.67 ft (36.14 m) below TOC
Water elevation: 234.83 ft (71.58 m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:54
Depth to water: 116.06 ft (35.07 m) below TOC
Water elevation: 233.96 ft (71.31 m) msl

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:50
Depth to water: 130.29 ft (39.71 m) below TOC
Water elevation: 219.01 ft (66.76 m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:48
Depth to water: 129.67 ft (39.49 m) below TOC
Water elevation: 220.23 ft (67.13 m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:46
Depth to water: 126.24 ft (38.48 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:52
Depth to water: 134.21 ft (40.91 m) below TOC
Water elevation: 216.39 ft (65.66 m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:44
Depth to water: 67.31 ft (20.52 m) below TOC
Water elevation: 241.69 ft (73.67 m) msl

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:40
Depth to water: 89.28 ft (27.22 m) below TOC
Water elevation: 219.71 ft (66.97 m) msl

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:42
Depth to water: 89.76 ft (27.36 m) below TOC
Water elevation: 220.16 ft (67.10 m) msl

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:06
Depth to water: 126.73 ft (38.32 m) below TOC
Water elevation: 223.17 ft (68.02 m) msl

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:08
Depth to water: 64.06 ft (19.47 m) below TOC
Water elevation: 241.06 ft (73.47 m) msl

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:42
Depth to water: 66.86 ft (17.33 m) below TOC
Water elevation: 240.04 ft (73.17 m) msl

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:48
Depth to water: 66.62 ft (16.96 m) below TOC
Water elevation: 237.08 ft (72.26 m) msl

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:59
Depth to water: 66.13 ft (20.16 m) below TOC
Water elevation: 231.37 ft (70.52 m) msl

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:07
Depth to water: 78.81 ft (24.02 m) below TOC
Water elevation: 217.29 ft (66.23 m) msl

WATER LEVEL DATA

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:10
Depth to water: 64.88 ft (19.78 m) below TOC
Water elevation: 231.42 ft (70.54 m) msl

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:29
Depth to water: 126.72 ft (38.32 m) below TOC
Water elevation: 159.88 ft (48.73 m) msl

WELL BGO 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:36
Depth to water: 66.22 ft (20.18 m) below TOC
Water elevation: 220.68 ft (67.23 m) msl

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:31
Depth to water: 64.00 ft (19.51 m) below TOC
Water elevation: 221.60 ft (67.54 m) msl

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:33
Depth to water: 53.69 ft (16.33 m) below TOC
Water elevation: 231.91 ft (70.69 m) msl

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:00
Depth to water: 64.08 ft (19.48 m) below TOC
Water elevation: 232.92 ft (70.99 m) msl

WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:50
Depth to water: 126.61 ft (38.29 m) below TOC
Water elevation: 160.99 ft (49.07 m) msl

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:51
Depth to water: 62.87 ft (19.16 m) below TOC
Water elevation: 226.03 ft (68.89 m) msl

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:53
Depth to water: 64.66 ft (19.63 m) below TOC
Water elevation: 233.24 ft (71.08 m) msl

WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:24
Depth to water: 126.69 ft (38.59 m) below TOC
Water elevation: 168.21 ft (48.22 m) msl

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:41
Depth to water: 51.72 ft (15.76 m) below TOC
Water elevation: 233.38 ft (71.14 m) msl

WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:18
Depth to water: 142.26 ft (43.36 m) below TOC
Water elevation: 168.46 ft (48.30 m) msl

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:06
Depth to water: 141.46 ft (43.11 m) below TOC
Water elevation: 169.06 ft (48.48 m) msl

WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:18
Depth to water: 79.60 ft (24.23 m) below TOC
Water elevation: 221.60 ft (67.51 m) msl

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:01
Depth to water: 79.03 ft (24.09 m) below TOC
Water elevation: 222.27 ft (67.76 m) msl

WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:03
Depth to water: 67.64 ft (20.59 m) below TOC
Water elevation: 232.86 ft (70.98 m) msl

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:50
Depth to water: 72.81 ft (22.19 m) below TOC
Water elevation: 232.49 ft (70.86 m) msl

WELL BGO 12AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:36
Depth to water: 116.13 ft (35.08 m) below TOC
Water elevation: 198.27 ft (60.43 m) msl

WELL BGO 12CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:38
Depth to water: 91.07 ft (27.76 m) below TOC
Water elevation: 222.93 ft (67.95 m) msl

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:40
Depth to water: 81.17 ft (24.74 m) below TOC
Water elevation: 232.63 ft (70.88 m) msl

WATER LEVEL DATA

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 10:40
Depth to water: 87.18 ft (26.68 m) below TOC
Water elevation: 232.11 ft (70.76 m) msl

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:36
Depth to water: 149.89 ft (45.72 m) below TOC
Water elevation: 160.71 ft (49.64 m) msl

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:37
Depth to water: 75.06 ft (22.88 m) below TOC
Water elevation: 226.44 ft (68.71 m) msl

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:39
Depth to water: 68.14 ft (20.77 m) below TOC
Water elevation: 232.16 ft (70.76 m) msl

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:16
Depth to water: 62.98 ft (19.20 m) below TOC
Water elevation: 236.72 ft (71.85 m) msl

WELL BGO 16AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 10:04
Depth to water: 141.98 ft (43.28 m) below TOC
Water elevation: 161.72 ft (49.23 m) msl

WELL BGO 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 10:06
Depth to water: 84.86 ft (25.86 m) below TOC
Water elevation: 220.26 ft (67.13 m) msl

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 10:04
Depth to water: 72.21 ft (22.01 m) below TOC
Water elevation: 232.39 ft (70.83 m) msl

WELL BGO 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 10:01
Depth to water: 66.26 ft (20.19 m) below TOC
Water elevation: 232.96 ft (71.00 m) msl

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:58
Depth to water: 133.10 ft (40.67 m) below TOC
Water elevation: 162.10 ft (49.41 m) msl

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:58
Depth to water: 61.68 ft (18.77 m) below TOC
Water elevation: 233.32 ft (71.12 m) msl

WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:55
Inaccessibility or mechanical problem prevented sample collection.

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 10:10
Depth to water: 48.24 ft (14.70 m) below TOC
Water elevation: 236.46 ft (71.77 m) msl

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:51
Depth to water: 49.08 ft (14.96 m) below TOC
Water elevation: 236.32 ft (72.03 m) msl

WELL BGO 22DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:47
Depth to water: 48.23 ft (14.70 m) below TOC
Water elevation: 237.87 ft (72.50 m) msl

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:46
Depth to water: 61.79 ft (18.79 m) below TOC
Water elevation: 237.41 ft (72.36 m) msl

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 9:42
Depth to water: 64.61 ft (19.61 m) below TOC
Water elevation: 238.69 ft (72.76 m) msl

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:49
Depth to water: 134.69 ft (41.06 m) below TOC
Water elevation: 161.81 ft (49.32 m) msl

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:01
Depth to water: 92.86 ft (28.30 m) below TOC
Water elevation: 194.34 ft (59.24 m) msl

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:56
Depth to water: 66.46 ft (20.26 m) below TOC
Water elevation: 230.64 ft (70.12 m) msl

WATER LEVEL DATA

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 19:03
Depth to water: 62.97 ft (16.16 m) below TOC
Water elevation: 223.03 ft (67.98 m) msl

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 19:04
Depth to water: 46.46 ft (14.16 m) below TOC
Water elevation: 229.86 ft (70.06 m) msl

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:59
Depth to water: 48.70 ft (14.84 m) below TOC
Water elevation: 228.70 ft (69.71 m) msl

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:12
Depth to water: 103.63 ft (31.69 m) below TOC
Water elevation: 160.67 ft (48.94 m) msl

WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:14
Depth to water: 39.72 ft (12.11 m) below TOC
Water elevation: 226.08 ft (68.81 m) msl

WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:16
Depth to water: 36.82 ft (11.22 m) below TOC
Water elevation: 228.68 ft (69.70 m) msl

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:31
Depth to water: 52.98 ft (16.16 m) below TOC
Water elevation: 221.62 ft (67.52 m) msl

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:33
Depth to water: 46.37 ft (14.13 m) below TOC
Water elevation: 228.43 ft (69.63 m) msl

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:26
Depth to water: 44.88 ft (13.68 m) below TOC
Water elevation: 228.22 ft (69.56 m) msl

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:26
Depth to water: 44.16 ft (13.46 m) below TOC
Water elevation: 229.66 ft (69.97 m) msl

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:09
Depth to water: 61.34 ft (16.66 m) below TOC
Water elevation: 230.36 ft (70.21 m) msl

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:56
Depth to water: 61.72 ft (16.76 m) below TOC
Water elevation: 227.68 ft (69.40 m) msl

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:56
Depth to water: 47.03 ft (14.33 m) below TOC
Water elevation: 233.27 ft (71.10 m) msl

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:50
Depth to water: 38.66 ft (11.76 m) below TOC
Water elevation: 236.36 ft (72.04 m) msl

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:34
Depth to water: 42.14 ft (12.84 m) below TOC
Water elevation: 231.25 ft (70.48 m) msl

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:36
Depth to water: 36.99 ft (10.97 m) below TOC
Water elevation: 237.61 ft (72.38 m) msl

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:28
Depth to water: 36.60 ft (10.82 m) below TOC
Water elevation: 239.90 ft (73.12 m) msl

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:22
Depth to water: 52.92 ft (16.13 m) below TOC
Water elevation: 233.38 ft (71.14 m) msl

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:23
Depth to water: 46.79 ft (13.86 m) below TOC
Water elevation: 241.61 ft (73.61 m) msl

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:17
Depth to water: 63.07 ft (16.18 m) below TOC
Water elevation: 238.63 ft (72.70 m) msl

WATER LEVEL DATA

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:04
Depth to water: 58.65 ft (17.85 m) below TOC
Water elevation: 237.15 ft (72.28 m) msl

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:41
Depth to water: 64.16 ft (19.55 m) below TOC
Water elevation: 224.25 ft (68.35 m) msl

WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:28
Depth to water: 141.48 ft (43.12 m) below TOC
Water elevation: 168.84 ft (48.42 m) msl

WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:57
Depth to water: 72.75 ft (22.17 m) below TOC
Water elevation: 225.15 ft (68.63 m) msl

WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:12
Depth to water: 150.53 ft (45.88 m) below TOC
Water elevation: 164.37 ft (50.10 m) msl

WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:10
Depth to water: 157.19 ft (47.91 m) below TOC
Water elevation: 157.11 ft (47.89 m) msl

WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:14
Depth to water: 88.63 ft (27.01 m) below TOC
Water elevation: 226.67 ft (69.09 m) msl

WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:15
Depth to water: 82.83 ft (25.25 m) below TOC
Water elevation: 232.47 ft (70.86 m) msl

WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:11
Depth to water: 126.29 ft (38.49 m) below TOC
Water elevation: 159.01 ft (48.47 m) msl

WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:08
Depth to water: 126.18 ft (38.46 m) below TOC
Water elevation: 159.12 ft (48.50 m) msl

WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:12
Depth to water: 62.46 ft (19.04 m) below TOC
Water elevation: 222.74 ft (67.89 m) msl

WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:14
Depth to water: 63.02 ft (19.21 m) below TOC
Water elevation: 222.58 ft (67.84 m) msl

WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:18
Depth to water: 61.53 ft (18.71 m) below TOC
Water elevation: 233.87 ft (71.28 m) msl

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:25
Depth to water: 117.57 ft (35.84 m) below TOC
Water elevation: 161.33 ft (49.17 m) msl

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:28
Depth to water: 67.00 ft (17.37 m) below TOC
Water elevation: 221.60 ft (67.54 m) msl

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:30
Depth to water: 63.56 ft (19.33 m) below TOC
Water elevation: 225.04 ft (68.59 m) msl

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:31
Depth to water: 48.72 ft (14.85 m) below TOC
Water elevation: 229.88 ft (70.07 m) msl

WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:36
Depth to water: 45.47 ft (13.86 m) below TOC
Water elevation: 219.92 ft (66.93 m) msl

WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:38
Depth to water: 43.51 ft (13.26 m) below TOC
Water elevation: 221.69 ft (67.64 m) msl

WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:39
Depth to water: 37.30 ft (11.37 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl

WATER LEVEL DATA

WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:16
Depth to water: 103.81 ft (31.64 m) below TOC
Water elevation: 163.08 ft (49.71 m) msl

WELL BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:18
Depth to water: 42.52 ft (12.96 m) below TOC
Water elevation: 226.08 ft (68.81 m) msl

WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:17
Depth to water: 38.60 ft (11.73 m) below TOC
Water elevation: 228.89 ft (69.77 m) msl

WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:01
Depth to water: 50.94 ft (15.53 m) below TOC
Water elevation: 226.66 ft (68.78 m) msl

WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:03
Depth to water: 47.64 ft (14.52 m) below TOC
Water elevation: 228.26 ft (69.58 m) msl

WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:41
Depth to water: 106.06 ft (32.02 m) below TOC
Water elevation: 166.16 ft (50.64 m) msl

WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:42
Depth to water: 40.37 ft (12.30 m) below TOC
Water elevation: 230.73 ft (70.33 m) msl

WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 17:44
Depth to water: 33.21 ft (10.12 m) below TOC
Water elevation: 238.29 ft (72.63 m) msl

WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:43
Depth to water: 84.61 ft (25.84 m) below TOC
Water elevation: 160.79 ft (48.01 m) msl

WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:46
Depth to water: 34.90 ft (10.64 m) below TOC
Water elevation: 220.60 ft (67.24 m) msl

WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 18:48
Depth to water: 28.42 ft (8.66 m) below TOC
Water elevation: 227.68 ft (69.37 m) msl

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:51
Depth to water: 132.67 ft (40.41 m) below TOC
Water elevation: 168.63 ft (48.36 m) msl

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:47
Depth to water: 73.89 ft (22.52 m) below TOC
Water elevation: 217.41 ft (66.27 m) msl

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:48
Depth to water: 61.12 ft (18.63 m) below TOC
Water elevation: 230.18 ft (70.16 m) msl

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:59
Depth to water: 77.86 ft (23.67 m) below TOC
Water elevation: 213.66 ft (65.12 m) msl

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:01
Depth to water: 74.38 ft (22.67 m) below TOC
Water elevation: 216.72 ft (66.06 m) msl

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:07
Depth to water: 74.83 ft (22.76 m) below TOC
Water elevation: 216.67 ft (66.01 m) msl

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:13
Depth to water: 136.13 ft (41.18 m) below TOC
Water elevation: 166.77 ft (47.48 m) msl

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:14
Depth to water: 74.60 ft (22.71 m) below TOC
Water elevation: 218.30 ft (66.53 m) msl

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:16
Depth to water: 73.34 ft (22.36 m) below TOC
Water elevation: 217.66 ft (66.31 m) msl

WATER LEVEL DATA

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:27
Depth to water: 74.44 ft (22.69 m) below TOC
Water elevation: 210.66 ft (64.18 m) msl

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:20
Depth to water: 69.62 ft (21.22 m) below TOC
Water elevation: 207.38 ft (63.21 m) msl

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:31
Depth to water: 72.24 ft (22.02 m) below TOC
Water elevation: 206.96 ft (63.08 m) msl

WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:42
Depth to water: 71.11 ft (21.67 m) below TOC
Water elevation: 207.09 ft (63.12 m) msl

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 16:51
Depth to water: 62.04 ft (15.86 m) below TOC
Water elevation: 227.36 ft (69.30 m) msl

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 15:26
Depth to water: 60.20 ft (15.30 m) below TOC
Water elevation: 226.70 ft (69.10 m) msl

WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 15:36
Depth to water: 38.89 ft (11.88 m) below TOC
Water elevation: 237.31 ft (72.33 m) msl

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:41
Depth to water: 38.00 ft (11.68 m) below TOC
Water elevation: 237.10 ft (72.27 m) msl

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:42
Depth to water: 33.20 ft (10.12 m) below TOC
Water elevation: 242.00 ft (73.76 m) msl

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:06
Depth to water: 74.34 ft (22.66 m) below TOC
Water elevation: 219.86 ft (67.01 m) msl

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:06
Depth to water: 137.71 ft (41.87 m) below TOC
Water elevation: 166.19 ft (47.61 m) msl

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:07
Depth to water: 141.13 ft (43.02 m) below TOC
Water elevation: 162.67 ft (46.53 m) msl

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:08
Depth to water: 78.88 ft (24.06 m) below TOC
Water elevation: 214.71 ft (65.44 m) msl

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:28
Depth to water: 58.32 ft (17.78 m) below TOC
Water elevation: 214.98 ft (65.53 m) msl

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:28
Depth to water: 61.34 ft (18.70 m) below TOC
Water elevation: 211.26 ft (64.38 m) msl

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:28
Depth to water: 116.42 ft (35.18 m) below TOC
Water elevation: 157.18 ft (47.91 m) msl

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:30
Depth to water: 117.35 ft (35.77 m) below TOC
Water elevation: 155.45 ft (47.38 m) msl

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:27
Depth to water: 63.17 ft (19.26 m) below TOC
Water elevation: 210.33 ft (64.11 m) msl

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:26
Depth to water: 13.61 ft (4.15 m) below TOC
Water elevation: 204.19 ft (62.24 m) msl

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:26
Depth to water: 59.04 ft (18.00 m) below TOC
Water elevation: 159.06 ft (48.48 m) msl

WATER LEVEL DATA

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:27
Depth to water: 58.95 ft (17.97 m) below TOC
Water elevation: 159.26 ft (48.54 m) msl

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:28
Depth to water: 20.35 ft (6.20 m) below TOC
Water elevation: 198.06 ft (60.37 m) msl

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:34
Depth to water: 133.01 ft (40.54 m) below TOC
Water elevation: 164.79 ft (47.18 m) msl

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:36
Depth to water: 136.93 ft (41.43 m) below TOC
Water elevation: 161.67 ft (48.20 m) msl

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:38
Depth to water: 76.61 ft (23.36 m) below TOC
Water elevation: 210.89 ft (64.28 m) msl

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:40
Depth to water: 73.13 ft (22.29 m) below TOC
Water elevation: 214.17 ft (65.28 m) msl

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:47
Depth to water: 68.14 ft (20.77 m) below TOC
Water elevation: 214.86 ft (65.49 m) msl

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:48
Depth to water: 63.71 ft (19.42 m) below TOC
Water elevation: 218.69 ft (66.56 m) msl

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:43
Depth to water: 67.06 ft (20.44 m) below TOC
Water elevation: 214.26 ft (65.30 m) msl

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:44
Depth to water: 63.27 ft (19.28 m) below TOC
Water elevation: 217.93 ft (66.43 m) msl

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:39
Depth to water: 65.56 ft (19.98 m) below TOC
Water elevation: 212.85 ft (64.88 m) msl

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:40
Depth to water: 61.77 ft (18.83 m) below TOC
Water elevation: 216.83 ft (66.09 m) msl

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:32
Depth to water: 66.20 ft (20.18 m) below TOC
Water elevation: 213.10 ft (64.95 m) msl

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:31
Depth to water: 63.30 ft (19.29 m) below TOC
Water elevation: 216.90 ft (66.81 m) msl

WELL FSB 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:26
Depth to water: 63.68 ft (19.41 m) below TOC
Water elevation: 212.02 ft (64.62 m) msl

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:26
Depth to water: 61.60 ft (18.78 m) below TOC
Water elevation: 214.30 ft (65.32 m) msl

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:21
Depth to water: 66.11 ft (19.86 m) below TOC
Water elevation: 211.09 ft (64.34 m) msl

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:22
Depth to water: 63.06 ft (19.22 m) below TOC
Water elevation: 213.06 ft (64.94 m) msl

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:23
Depth to water: 70.82 ft (21.62 m) below TOC
Water elevation: 210.18 ft (64.06 m) msl

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:22
Depth to water: 68.47 ft (20.87 m) below TOC
Water elevation: 212.03 ft (64.63 m) msl

WATER LEVEL DATA

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:18
Depth to water: 74.60 ft (22.71 m) below TOC
Water elevation: 209.60 ft (63.88 m) msl

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:19
Depth to water: 72.12 ft (21.98 m) below TOC
Water elevation: 211.98 ft (64.61 m) msl

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:12
Depth to water: 127.10 ft (38.74 m) below TOC
Water elevation: 164.10 ft (49.97 m) msl

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:01
Depth to water: 133.83 ft (40.82 m) below TOC
Water elevation: 162.17 ft (49.38 m) msl

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:03
Depth to water: 76.90 ft (23.13 m) below TOC
Water elevation: 210.20 ft (64.07 m) msl

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:06
Depth to water: 73.14 ft (22.28 m) below TOC
Water elevation: 212.86 ft (64.88 m) msl

WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:58
Depth to water: 131.46 ft (40.07 m) below TOC
Water elevation: 162.64 ft (49.49 m) msl

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:54
Depth to water: 73.23 ft (22.32 m) below TOC
Water elevation: 209.87 ft (63.97 m) msl

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:56
Depth to water: 70.60 ft (21.49 m) below TOC
Water elevation: 212.60 ft (64.80 m) msl

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:31
Depth to water: 136.16 ft (41.50 m) below TOC
Water elevation: 161.46 ft (49.16 m) msl

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:29
Depth to water: 76.87 ft (23.13 m) below TOC
Water elevation: 211.83 ft (64.57 m) msl

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:27
Depth to water: 72.63 ft (22.11 m) below TOC
Water elevation: 216.07 ft (65.56 m) msl

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:16
Depth to water: 133.68 ft (40.72 m) below TOC
Water elevation: 162.42 ft (49.46 m) msl

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:13
Depth to water: 132.48 ft (40.38 m) below TOC
Water elevation: 162.71 ft (49.56 m) msl

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:50
Depth to water: 5.02 ft (1.53 m) below TOC
Water elevation: 196.08 ft (59.77 m) msl

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:36
Depth to water: 37.60 ft (11.43 m) below TOC
Water elevation: 204.90 ft (62.46 m) msl

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:41
Depth to water: 16.89 ft (4.84 m) below TOC
Water elevation: 203.21 ft (61.94 m) msl

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:42
Depth to water: 18.06 ft (5.50 m) below TOC
Water elevation: 201.16 ft (61.31 m) msl

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:09
Depth to water: 76.12 ft (23.20 m) below TOC
Water elevation: 209.68 ft (63.91 m) msl

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:07
Depth to water: 72.97 ft (22.24 m) below TOC
Water elevation: 212.63 ft (64.81 m) msl

WATER LEVEL DATA

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:38
Depth to water: 31.96 ft (9.74 m) below TOC
Water elevation: 203.16 ft (61.82 m) msl

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:36
Depth to water: 28.50 ft (8.68 m) below TOC
Water elevation: 208.40 ft (63.52 m) msl

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:38
Depth to water: 58.16 ft (17.72 m) below TOC
Water elevation: 212.74 ft (64.84 m) msl

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:36
Depth to water: 54.56 ft (16.63 m) below TOC
Water elevation: 216.46 ft (66.97 m) msl

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 8:59
Depth to water: 78.42 ft (23.90 m) below TOC
Water elevation: 219.68 ft (66.93 m) msl

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 0
Depth to water: 78.60 ft (23.93 m) below TOC
Water elevation: 219.60 ft (66.90 m) msl

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:24
Depth to water: 77.40 ft (23.59 m) below TOC
Water elevation: 216.70 ft (66.76 m) msl

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:20
Depth to water: 30.78 ft (9.38 m) below TOC
Water elevation: 203.72 ft (62.08 m) msl

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:21
Depth to water: 28.78 ft (8.16 m) below TOC
Water elevation: 207.72 ft (63.31 m) msl

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:00
Depth to water: 61.94 ft (18.88 m) below TOC
Water elevation: 214.36 ft (65.34 m) msl

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:59
Depth to water: 64.33 ft (19.61 m) below TOC
Water elevation: 212.27 ft (64.70 m) msl

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:48
Depth to water: 74.91 ft (22.83 m) below TOC
Water elevation: 164.18 ft (47.00 m) msl

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:47
Depth to water: 26.27 ft (7.70 m) below TOC
Water elevation: 203.83 ft (62.13 m) msl

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:48
Depth to water: 21.82 ft (6.69 m) below TOC
Water elevation: 207.98 ft (63.39 m) msl

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:02
Depth to water: 63.78 ft (19.44 m) below TOC
Water elevation: 169.42 ft (48.59 m) msl

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:03
Depth to water: 18.28 ft (5.57 m) below TOC
Water elevation: 204.82 ft (62.37 m) msl

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:04
Depth to water: 12.13 ft (3.70 m) below TOC
Water elevation: 210.37 ft (64.12 m) msl

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:54
Depth to water: 96.53 ft (29.12 m) below TOC
Water elevation: 168.47 ft (47.69 m) msl

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:53
Depth to water: 36.82 ft (11.22 m) below TOC
Water elevation: 216.38 ft (65.86 m) msl

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 11:52
Depth to water: 32.89 ft (10.02 m) below TOC
Water elevation: 219.31 ft (66.85 m) msl

WATER LEVEL DATA

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:48
Depth to water: 22.11 ft (6.74 m) below TOC
Water elevation: 186.89 ft (56.60 m) msl

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:49
Depth to water: 19.70 ft (6.00 m) below TOC
Water elevation: 188.80 ft (56.65 m) msl

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:42
Depth to water: 11.89 ft (3.62 m) below TOC
Water elevation: 190.81 ft (58.10 m) msl

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:43
Depth to water: 9.18 ft (2.80 m) below TOC
Water elevation: 193.72 ft (59.06 m) msl

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:47
Depth to water: 23.54 ft (7.18 m) below TOC
Water elevation: 207.18 ft (63.14 m) msl

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:59
Depth to water: 29.23 ft (8.91 m) below TOC
Water elevation: 214.07 ft (65.26 m) msl

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 12:55
Depth to water: 43.45 ft (13.24 m) below TOC
Water elevation: 210.65 ft (64.21 m) msl

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:17
Depth to water: 130.81 ft (39.87 m) below TOC
Water elevation: 149.29 ft (45.60 m) msl

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:15
Depth to water: 71.89 ft (21.91 m) below TOC
Water elevation: 207.81 ft (63.34 m) msl

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:13
Depth to water: 69.33 ft (21.13 m) below TOC
Water elevation: 211.17 ft (64.37 m) msl

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:07
Depth to water: 50.41 ft (15.37 m) below TOC
Water elevation: 208.09 ft (62.82 m) msl

WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 9:09
Depth to water: 48.77 ft (14.26 m) below TOC
Water elevation: 208.73 ft (63.62 m) msl

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:54
Depth to water: 16.06 ft (4.90 m) below TOC
Water elevation: 201.94 ft (61.56 m) msl

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 10:55
Depth to water: 11.37 ft (3.47 m) below TOC
Water elevation: 208.23 ft (62.88 m) msl

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:10
Depth to water: 25.74 ft (7.86 m) below TOC
Water elevation: 212.36 ft (64.73 m) msl

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 13:09
Depth to water: 23.57 ft (7.18 m) below TOC
Water elevation: 214.63 ft (65.39 m) msl

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:30
Depth to water: 53.12 ft (16.19 m) below TOC
Water elevation: 211.38 ft (64.43 m) msl

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:26
Depth to water: 58.56 ft (17.86 m) below TOC
Water elevation: 202.64 ft (61.73 m) msl

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:23
Depth to water: 57.51 ft (17.63 m) below TOC
Water elevation: 201.99 ft (61.67 m) msl

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:08
Depth to water: 48.93 ft (14.91 m) below TOC
Water elevation: 201.97 ft (61.66 m) msl

WATER LEVEL DATA

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:20
Depth to water: 38.11 ft (11.01 m) below TOC
Water elevation: 235.89 ft (71.90 m) msl

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:12
Inaccessibility or mechanical problem prevented sample collection.

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:40
Depth to water: 101.19 ft (30.84 m) below TOC
Water elevation: 172.41 ft (52.55 m) msl

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:14
Depth to water: 48.80 ft (14.26 m) below TOC
Water elevation: 226.90 ft (69.16 m) msl

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:16
Depth to water: 37.29 ft (11.37 m) below TOC
Water elevation: 238.31 ft (72.03 m) msl

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:53
Depth to water: 53.12 ft (16.19 m) below TOC
Water elevation: 227.08 ft (69.21 m) msl

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:28
There was no water in standpipe.

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:24
Depth to water: 26.40 ft (8.05 m) below TOC
Water elevation: 223.70 ft (68.18 m) msl

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:21
Depth to water: 78.39 ft (23.28 m) below TOC
Water elevation: 173.01 ft (52.73 m) msl

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:22
Depth to water: 30.81 ft (9.39 m) below TOC
Water elevation: 219.19 ft (66.81 m) msl

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:23
Depth to water: 30.23 ft (9.21 m) below TOC
Water elevation: 219.87 ft (67.02 m) msl

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:17
Depth to water: 14.46 ft (4.40 m) below TOC
Water elevation: 221.66 ft (67.53 m) msl

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:18
Depth to water: 63.47 ft (19.35 m) below TOC
Water elevation: 173.13 ft (52.77 m) msl

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:28
Depth to water: 8.28 ft (2.52 m) below TOC
Water elevation: 234.64 ft (71.49 m) msl

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:24
Depth to water: 16.86 ft (4.83 m) below TOC
Water elevation: 227.24 ft (69.26 m) msl

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:46
Depth to water: 11.13 ft (3.39 m) below TOC
Water elevation: 230.27 ft (70.19 m) msl

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:48
Depth to water: 13.90 ft (4.24 m) below TOC
Water elevation: 227.70 ft (69.40 m) msl

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:28
Depth to water: 63.09 ft (19.23 m) below TOC
Water elevation: 174.21 ft (53.10 m) msl

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:31
Depth to water: 11.67 ft (3.56 m) below TOC
Water elevation: 226.33 ft (68.68 m) msl

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:33
Depth to water: 9.19 ft (2.80 m) below TOC
Water elevation: 227.91 ft (69.47 m) msl

WATER LEVEL DATA

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:36
Depth to water: 9.77 ft (2.98 m) below TOC
Water elevation: 227.23 ft (69.26 m) msl

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:07
Depth to water: 55.82 ft (16.96 m) below TOC
Water elevation: 173.08 ft (52.76 m) msl

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:08
Depth to water: 16.43 ft (5.01 m) below TOC
Water elevation: 212.47 ft (64.76 m) msl

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:09
Depth to water: 13.60 ft (4.16 m) below TOC
Water elevation: 216.50 ft (66.69 m) msl

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:10
Depth to water: 8.11 ft (2.47 m) below TOC
Water elevation: 220.69 ft (67.27 m) msl

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:50
Depth to water: 124.87 ft (38.06 m) below TOC
Water elevation: 169.53 ft (51.67 m) msl

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:52
Depth to water: 58.92 ft (17.96 m) below TOC
Water elevation: 236.58 ft (71.81 m) msl

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/27/93 Time: 14:57
Depth to water: 62.68 ft (19.06 m) below TOC
Water elevation: 241.42 ft (73.59 m) msl

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:44
Depth to water: 92.85 ft (28.30 m) below TOC
Water elevation: 169.54 ft (51.68 m) msl

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:45
Depth to water: 37.14 ft (11.32 m) below TOC
Water elevation: 224.76 ft (68.50 m) msl

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:46
Depth to water: 35.77 ft (10.90 m) below TOC
Water elevation: 227.12 ft (69.23 m) msl

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:48
Depth to water: 38.00 ft (10.97 m) below TOC
Water elevation: 227.00 ft (69.19 m) msl

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:53
Depth to water: 30.80 ft (9.39 m) below TOC
Water elevation: 229.40 ft (69.92 m) msl

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:54
Depth to water: 22.46 ft (6.85 m) below TOC
Water elevation: 237.64 ft (72.43 m) msl

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:47
Depth to water: 30.40 ft (9.27 m) below TOC
Water elevation: 228.10 ft (69.53 m) msl

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:48
Depth to water: 24.32 ft (7.41 m) below TOC
Water elevation: 234.38 ft (71.44 m) msl

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:41
Depth to water: 31.80 ft (9.69 m) below TOC
Water elevation: 227.20 ft (69.26 m) msl

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:43
Depth to water: 27.03 ft (8.24 m) below TOC
Water elevation: 231.57 ft (70.58 m) msl

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:21
Depth to water: 21.29 ft (6.49 m) below TOC
Water elevation: 226.11 ft (68.92 m) msl

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:21
Depth to water: 18.77 ft (5.72 m) below TOC
Water elevation: 228.83 ft (69.75 m) msl

WATER LEVEL DATA

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:15
Depth to water: 24.73 ft (7.54 m) below TOC
Water elevation: 223.17 ft (68.02 m) msl

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:18
Depth to water: 18.84 ft (5.74 m) below TOC
Water elevation: 228.98 ft (69.79 m) msl

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:07
Depth to water: 27.60 ft (8.41 m) below TOC
Water elevation: 221.90 ft (67.64 m) msl

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:08
Depth to water: 20.18 ft (6.16 m) below TOC
Water elevation: 229.32 ft (69.90 m) msl

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:00
Depth to water: 28.76 ft (8.78 m) below TOC
Water elevation: 224.16 ft (68.32 m) msl

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:58
Depth to water: 23.87 ft (7.31 m) below TOC
Water elevation: 228.93 ft (69.78 m) msl

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:54
Depth to water: 40.11 ft (12.23 m) below TOC
Water elevation: 221.49 ft (67.51 m) msl

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:55
Depth to water: 34.38 ft (10.48 m) below TOC
Water elevation: 227.92 ft (69.47 m) msl

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:47
Depth to water: 45.53 ft (13.98 m) below TOC
Water elevation: 220.67 ft (67.26 m) msl

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:48
Depth to water: 40.27 ft (12.27 m) below TOC
Water elevation: 226.03 ft (68.89 m) msl

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:41
Depth to water: 40.56 ft (12.36 m) below TOC
Water elevation: 221.06 ft (67.38 m) msl

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:42
Depth to water: 38.33 ft (11.67 m) below TOC
Water elevation: 224.87 ft (68.54 m) msl

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:36
Depth to water: 34.01 ft (10.37 m) below TOC
Water elevation: 221.69 ft (67.57 m) msl

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:33
Depth to water: 31.30 ft (9.54 m) below TOC
Water elevation: 224.30 ft (68.37 m) msl

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:23
Depth to water: 33.40 ft (10.18 m) below TOC
Water elevation: 222.60 ft (67.86 m) msl

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:24
Depth to water: 31.87 ft (9.71 m) below TOC
Water elevation: 224.13 ft (68.32 m) msl

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:26
Depth to water: 31.63 ft (9.64 m) below TOC
Water elevation: 224.27 ft (68.36 m) msl

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:14
Depth to water: 30.50 ft (9.30 m) below TOC
Water elevation: 224.40 ft (68.40 m) msl

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:15
Depth to water: 30.14 ft (9.19 m) below TOC
Water elevation: 224.86 ft (68.57 m) msl

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:16
Depth to water: 30.26 ft (9.22 m) below TOC
Water elevation: 224.86 ft (68.54 m) msl

WATER LEVEL DATA

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:01
Depth to water: 36.95 ft (10.96 m) below TOC
Water elevation: 226.05 ft (68.60 m) msl

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:02
Depth to water: 36.39 ft (10.79 m) below TOC
Water elevation: 226.60 ft (68.73 m) msl

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:55
Depth to water: 37.46 ft (11.42 m) below TOC
Water elevation: 226.34 ft (68.99 m) msl

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:56
Depth to water: 37.68 ft (11.46 m) below TOC
Water elevation: 226.42 ft (68.01 m) msl

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:12
Depth to water: 41.69 ft (12.71 m) below TOC
Water elevation: 227.61 ft (69.38 m) msl

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:13
Depth to water: 41.60 ft (12.68 m) below TOC
Water elevation: 227.60 ft (69.54 m) msl

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:06
Depth to water: 28.17 ft (8.69 m) below TOC
Water elevation: 229.33 ft (69.90 m) msl

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:07
Depth to water: 27.38 ft (8.35 m) below TOC
Water elevation: 229.42 ft (69.93 m) msl

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 11:50
Depth to water: 69.92 ft (21.31 m) below TOC
Water elevation: 166.38 ft (50.71 m) msl

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 11:52
Depth to water: 11.46 ft (3.49 m) below TOC
Water elevation: 224.86 ft (68.54 m) msl

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 11:54
Depth to water: 8.40 ft (2.56 m) below TOC
Water elevation: 227.90 ft (69.46 m) msl

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:20
Depth to water: 78.68 ft (23.98 m) below TOC
Water elevation: 168.62 ft (51.40 m) msl

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:00
Depth to water: 89.08 ft (27.16 m) below TOC
Water elevation: 168.02 ft (51.21 m) msl

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:57
Depth to water: 100.78 ft (30.72 m) below TOC
Water elevation: 167.42 ft (51.03 m) msl

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:44
Depth to water: 101.84 ft (31.07 m) below TOC
Water elevation: 172.66 ft (52.63 m) msl

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:39
Depth to water: 99.16 ft (30.22 m) below TOC
Water elevation: 172.44 ft (52.56 m) msl

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:46
Depth to water: 93.11 ft (28.38 m) below TOC
Water elevation: 171.39 ft (52.24 m) msl

WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:33
Depth to water: 94.06 ft (28.67 m) below TOC
Water elevation: 172.76 ft (52.66 m) msl

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:34
Depth to water: 6.22 ft (1.90 m) below TOC
Water elevation: 226.68 ft (68.79 m) msl

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:36
Depth to water: 8.12 ft (2.78 m) below TOC
Water elevation: 222.68 ft (67.84 m) msl

WATER LEVEL DATA

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:53
Depth to water: 7.76 ft (2.36 m) below TOC
Water elevation: 204.86 ft (62.44 m) msl

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:54
Depth to water: 6.52 ft (1.98 m) below TOC
Water elevation: 206.18 ft (62.84 m) msl

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:13
Depth to water: 13.90 ft (4.24 m) below TOC
Water elevation: 211.80 ft (64.56 m) msl

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:14
Depth to water: 6.16 ft (1.88 m) below TOC
Water elevation: 219.84 ft (67.04 m) msl

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:51
Depth to water: 7.77 ft (2.37 m) below TOC
Water elevation: 207.33 ft (63.19 m) msl

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:52
Depth to water: 4.76 ft (1.45 m) below TOC
Water elevation: 209.96 ft (63.99 m) msl

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 18:01
Depth to water: 17.26 ft (5.26 m) below TOC
Water elevation: 201.06 ft (61.28 m) msl

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 18:03
Depth to water: 16.83 ft (5.13 m) below TOC
Water elevation: 201.77 ft (61.60 m) msl

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:28
Depth to water: 7.15 ft (2.18 m) below TOC
Water elevation: 204.56 ft (62.36 m) msl

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:29
Depth to water: 6.00 ft (1.82 m) below TOC
Water elevation: 207.10 ft (63.12 m) msl

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:01
Depth to water: 17.27 ft (5.26 m) below TOC
Water elevation: 223.23 ft (68.04 m) msl

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 13:00
Depth to water: 17.95 ft (5.47 m) below TOC
Water elevation: 222.76 ft (67.80 m) msl

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:53
Depth to water: 22.36 ft (6.81 m) below TOC
Water elevation: 233.26 ft (71.10 m) msl

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:54
Depth to water: 16.93 ft (5.16 m) below TOC
Water elevation: 239.37 ft (72.96 m) msl

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:24
Depth to water: 16.17 ft (4.92 m) below TOC
Water elevation: 223.23 ft (68.04 m) msl

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:22
Depth to water: 11.53 ft (3.51 m) below TOC
Water elevation: 226.67 ft (69.06 m) msl

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:23
Depth to water: 24.09 ft (7.34 m) below TOC
Water elevation: 207.91 ft (63.37 m) msl

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:24
Depth to water: 12.00 ft (3.66 m) below TOC
Water elevation: 220.30 ft (67.16 m) msl

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:00
Depth to water: 8.21 ft (2.50 m) below TOC
Water elevation: 219.69 ft (66.96 m) msl

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:01
Depth to water: 4.77 ft (1.45 m) below TOC
Water elevation: 223.23 ft (68.04 m) msl

WATER LEVEL DATA

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:34
Depth to water: 12.32 ft (3.76 m) below TOC
Water elevation: 223.68 ft (68.18 m) msl

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:37
Depth to water: 10.96 ft (3.34 m) below TOC
Water elevation: 226.66 ft (68.78 m) msl

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:41
Depth to water: 23.14 ft (7.06 m) below TOC
Water elevation: 229.26 ft (69.88 m) msl

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:32
Depth to water: 69.33 ft (18.08 m) below TOC
Water elevation: 174.37 ft (53.16 m) msl

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:33
Depth to water: 17.28 ft (5.27 m) below TOC
Water elevation: 216.62 ft (66.00 m) msl

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:36
Depth to water: 6.32 ft (1.93 m) below TOC
Water elevation: 227.48 ft (69.34 m) msl

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:36
Depth to water: 69.66 ft (18.16 m) below TOC
Water elevation: 176.36 ft (53.76 m) msl

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:40
Depth to water: 28.00 ft (8.53 m) below TOC
Water elevation: 207.60 ft (63.28 m) msl

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:38
Depth to water: 17.96 ft (5.47 m) below TOC
Water elevation: 218.24 ft (66.52 m) msl

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:06
Depth to water: 78.99 ft (24.08 m) below TOC
Water elevation: 176.61 ft (53.63 m) msl

WELL HSB141C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:09
Depth to water: 23.02 ft (7.02 m) below TOC
Water elevation: 231.68 ft (70.62 m) msl

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:12
Depth to water: 6.04 ft (1.84 m) below TOC
Water elevation: 249.76 ft (76.13 m) msl

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:10
Depth to water: 4.40 ft (1.34 m) below TOC
Water elevation: 199.60 ft (60.84 m) msl

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:08
Depth to water: 4.73 ft (1.44 m) below TOC
Water elevation: 199.47 ft (60.80 m) msl

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:50
Depth to water: 10.66 ft (3.25 m) below TOC
Water elevation: 211.66 ft (64.48 m) msl

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:48
Depth to water: 7.06 ft (2.15 m) below TOC
Water elevation: 216.86 ft (66.78 m) msl

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 12:32
Depth to water: 63.94 ft (19.48 m) below TOC
Water elevation: 171.66 ft (52.32 m) msl

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:31
Depth to water: 46.02 ft (14.03 m) below TOC
Water elevation: 189.68 ft (57.78 m) msl

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:00
Depth to water: 20.26 ft (6.18 m) below TOC
Water elevation: 216.44 ft (66.67 m) msl

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:01
Depth to water: 11.06 ft (3.37 m) below TOC
Water elevation: 226.16 ft (68.83 m) msl

WATER LEVEL DATA

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:18
Depth to water: 74.93 ft (22.84 m) below TOC
Water elevation: 176.67 ft (53.85 m) msl

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:20
Depth to water: 41.08 ft (12.52 m) below TOC
Water elevation: 211.22 ft (64.38 m) msl

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:22
Depth to water: 26.62 ft (8.11 m) below TOC
Water elevation: 226.48 ft (69.03 m) msl

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:23
Depth to water: 29.89 ft (9.11 m) below TOC
Water elevation: 237.41 ft (72.36 m) msl

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:50
Depth to water: 48.38 ft (14.76 m) below TOC
Water elevation: 202.62 ft (61.73 m) msl

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 16:51
Depth to water: 34.53 ft (10.52 m) below TOC
Water elevation: 216.57 ft (66.01 m) msl

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 14:08
Depth to water: 12.16 ft (3.71 m) below TOC
Water elevation: 227.84 ft (69.45 m) msl

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 13:39
Depth to water: 6.37 ft (1.94 m) below TOC
Water elevation: 232.63 ft (70.91 m) msl

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:14
Depth to water: 3.45 ft (1.06 m) below TOC
Water elevation: 210.15 ft (64.05 m) msl

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:16
Depth to water: 4.16 ft (1.27 m) below TOC
Water elevation: 209.44 ft (63.84 m) msl

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:01
Depth to water: 14.33 ft (4.37 m) below TOC
Water elevation: 199.77 ft (60.89 m) msl

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/93 Time: 12:00
Depth to water: 8.11 ft (2.47 m) below TOC
Water elevation: 206.99 ft (62.79 m) msl

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/93 Time: 14:08
Depth to water: 17.28 ft (5.27 m) below TOC
Water elevation: 153.92 ft (46.92 m) msl

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:42
Depth to water: 101.98 ft (31.08 m) below TOC
Water elevation: 226.42 ft (69.01 m) msl

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:08
Depth to water: 125.57 ft (38.27 m) below TOC
Water elevation: 224.83 ft (68.53 m) msl

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:54
Depth to water: 114.19 ft (34.81 m) below TOC
Water elevation: 225.41 ft (68.71 m) msl

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:50
Depth to water: 143.21 ft (43.66 m) below TOC
Water elevation: 195.89 ft (59.71 m) msl

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:38
Depth to water: 111.42 ft (33.96 m) below TOC
Water elevation: 220.68 ft (67.26 m) msl

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:37
Depth to water: 135.68 ft (41.38 m) below TOC
Water elevation: 196.42 ft (59.87 m) msl

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:57
Depth to water: 142.78 ft (43.52 m) below TOC
Water elevation: 194.92 ft (59.41 m) msl

WATER LEVEL DATA

WELL MCB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:59
Depth to water: 114.82 ft (35.00 m) below TOC
Water elevation: 226.88 ft (68.86 m) msl

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:46
Depth to water: 119.62 ft (36.43 m) below TOC
Water elevation: 223.38 ft (68.08 m) msl

WELL MSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:14
Depth to water: 122.30 ft (37.28 m) below TOC
Water elevation: 231.10 ft (70.44 m) msl

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:16
Depth to water: 146.91 ft (44.78 m) below TOC
Water elevation: 207.89 ft (63.37 m) msl

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:18
Depth to water: 139.39 ft (42.49 m) below TOC
Water elevation: 215.71 ft (65.76 m) msl

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:17
Depth to water: 127.31 ft (41.86 m) below TOC
Water elevation: 217.69 ft (66.32 m) msl

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:12
Depth to water: 124.43 ft (37.93 m) below TOC
Water elevation: 230.47 ft (70.26 m) msl

WELL MSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:30
Depth to water: 121.06 ft (36.90 m) below TOC
Water elevation: 231.64 ft (70.60 m) msl

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:27
Depth to water: 144.81 ft (44.14 m) below TOC
Water elevation: 209.79 ft (63.94 m) msl

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:26
Depth to water: 137.68 ft (41.97 m) below TOC
Water elevation: 217.02 ft (66.16 m) msl

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:29
Depth to water: 122.77 ft (37.42 m) below TOC
Water elevation: 231.03 ft (70.42 m) msl

WELL MSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:36
The well was dry.

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:36
There was no water in standpipe.

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:37
Depth to water: 142.39 ft (43.40 m) below TOC
Water elevation: 218.41 ft (66.67 m) msl

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:39
Depth to water: 130.47 ft (39.77 m) below TOC
Water elevation: 230.03 ft (70.11 m) msl

WELL MSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:09
Depth to water: 124.76 ft (38.03 m) below TOC
Water elevation: 230.14 ft (70.16 m) msl

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:08
Depth to water: 149.51 ft (45.67 m) below TOC
Water elevation: 205.79 ft (62.73 m) msl

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:04
Depth to water: 141.25 ft (43.06 m) below TOC
Water elevation: 213.95 ft (65.21 m) msl

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:08
Depth to water: 126.27 ft (38.49 m) below TOC
Water elevation: 229.33 ft (69.90 m) msl

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:54
Depth to water: 117.23 ft (35.73 m) below TOC
Water elevation: 227.37 ft (69.30 m) msl

WATER LEVEL DATA

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:56
Depth to water: 137.69 ft (41.97 m) below TOC
Water elevation: 207.81 ft (63.34 m) msl

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:00
Depth to water: 122.46 ft (37.32 m) below TOC
Water elevation: 223.26 ft (68.06 m) msl

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:38
Depth to water: 120.37 ft (36.69 m) below TOC
Water elevation: 223.63 ft (68.13 m) msl

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:40
Depth to water: 137.66 ft (41.96 m) below TOC
Water elevation: 207.64 ft (63.28 m) msl

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:41
Depth to water: 120.09 ft (36.60 m) below TOC
Water elevation: 224.11 ft (68.31 m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:29
Depth to water: 116.22 ft (35.42 m) below TOC
Water elevation: 228.28 ft (69.58 m) msl

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:31
Depth to water: 137.23 ft (41.83 m) below TOC
Water elevation: 206.97 ft (63.09 m) msl

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:33
Depth to water: 121.93 ft (37.16 m) below TOC
Water elevation: 222.67 ft (67.87 m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:52
Depth to water: 114.83 ft (35.00 m) below TOC
Water elevation: 229.37 ft (69.91 m) msl

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:53
Depth to water: 135.66 ft (41.32 m) below TOC
Water elevation: 208.34 ft (63.50 m) msl

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:55
Depth to water: 123.87 ft (37.78 m) below TOC
Water elevation: 220.13 ft (67.10 m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:50
Depth to water: 150.47 ft (45.86 m) below TOC
Water elevation: 208.93 ft (63.68 m) msl

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:51
Depth to water: 129.82 ft (39.57 m) below TOC
Water elevation: 229.78 ft (70.04 m) msl

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:52
Depth to water: 129.66 ft (39.52 m) below TOC
Water elevation: 229.46 ft (69.94 m) msl

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:03
Depth to water: 147.66 ft (45.00 m) below TOC
Water elevation: 207.36 ft (63.20 m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:57
Depth to water: 146.39 ft (44.32 m) below TOC
Water elevation: 209.31 ft (63.80 m) msl

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:00
Depth to water: 128.29 ft (39.10 m) below TOC
Water elevation: 227.71 ft (69.41 m) msl

WELL MSB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:08
The well was dry.

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:11
Depth to water: 154.27 ft (47.02 m) below TOC
Water elevation: 210.63 ft (64.20 m) msl

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:13
Depth to water: 149.27 ft (45.60 m) below TOC
Water elevation: 215.63 ft (65.69 m) msl

WATER LEVEL DATA

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:14
Depth to water: 176.04 ft (53.66 m) below TOC
Water elevation: 188.86 ft (57.57 m) msl

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:16
Depth to water: 136.22 ft (41.62 m) below TOC
Water elevation: 228.98 ft (69.78 m) msl

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:19
Depth to water: 126.36 ft (38.21 m) below TOC
Water elevation: 239.86 ft (73.11 m) msl

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:21
There was no water in standpipe.

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:26
Depth to water: 141.08 ft (43.00 m) below TOC
Water elevation: 206.72 ft (63.01 m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:16
Depth to water: 131.86 ft (40.19 m) below TOC
Water elevation: 216.54 ft (66.00 m) msl

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:26
Depth to water: 126.24 ft (38.48 m) below TOC
Water elevation: 221.66 ft (67.56 m) msl

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:28
There was no water in standpipe.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:20
Depth to water: 167.09 ft (47.88 m) below TOC
Water elevation: 191.41 ft (58.34 m) msl

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:17
Depth to water: 167.29 ft (47.94 m) below TOC
Water elevation: 191.61 ft (58.40 m) msl

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:09
Depth to water: 139.80 ft (42.61 m) below TOC
Water elevation: 206.40 ft (62.61 m) msl

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:07
Depth to water: 169.86 ft (48.76 m) below TOC
Water elevation: 186.64 ft (56.88 m) msl

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:06
Depth to water: 118.97 ft (36.28 m) below TOC
Water elevation: 226.73 ft (69.11 m) msl

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:10
Depth to water: 122.60 ft (37.37 m) below TOC
Water elevation: 224.30 ft (68.37 m) msl

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:06
Depth to water: 119.66 ft (36.44 m) below TOC
Water elevation: 228.16 ft (69.54 m) msl

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:06
Depth to water: 133.66 ft (40.71 m) below TOC
Water elevation: 214.76 ft (66.46 m) msl

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:04
Depth to water: 131.77 ft (40.16 m) below TOC
Water elevation: 216.93 ft (66.12 m) msl

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:06
There was no water in standpipe.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:28
Depth to water: 148.36 ft (45.22 m) below TOC
Water elevation: 218.86 ft (66.71 m) msl

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:26
Depth to water: 166.39 ft (47.67 m) below TOC
Water elevation: 213.11 ft (64.96 m) msl

WATER LEVEL DATA

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:29
Depth to water: 121.60 ft (37.03 m) below TOC
Water elevation: 246.10 ft (74.71 m) msl

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:26
Depth to water: 137.17 ft (41.81 m) below TOC
Water elevation: 231.63 ft (70.60 m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:36
Depth to water: 148.88 ft (45.32 m) below TOC
Water elevation: 218.01 ft (66.45 m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:33
Depth to water: 137.40 ft (41.88 m) below TOC
Water elevation: 229.20 ft (69.86 m) msl

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:46
Depth to water: 142.90 ft (43.66 m) below TOC
Water elevation: 216.10 ft (66.66 m) msl

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:42
Depth to water: 133.70 ft (40.76 m) below TOC
Water elevation: 224.20 ft (68.34 m) msl

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:40
Depth to water: 146.86 ft (44.76 m) below TOC
Water elevation: 212.46 ft (64.76 m) msl

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:48
The well was dry

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:44
Depth to water: 133.32 ft (40.64 m) below TOC
Water elevation: 226.88 ft (69.16 m) msl

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:38
Depth to water: 129.47 ft (39.46 m) below TOC
Water elevation: 210.73 ft (64.23 m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:39
Depth to water: 120.26 ft (36.66 m) below TOC
Water elevation: 220.06 ft (67.07 m) msl

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:41
Depth to water: 114.48 ft (34.89 m) below TOC
Water elevation: 226.12 ft (68.92 m) msl

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:51
Depth to water: 86.78 ft (26.15 m) below TOC
Water elevation: 213.72 ft (65.14 m) msl

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:52
Depth to water: 83.62 ft (25.49 m) below TOC
Water elevation: 216.28 ft (66.92 m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:53
Depth to water: 61.84 ft (18.86 m) below TOC
Water elevation: 238.36 ft (72.66 m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:56
Depth to water: 136.86 ft (41.71 m) below TOC
Water elevation: 217.16 ft (66.19 m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:00
Depth to water: 128.16 ft (39.06 m) below TOC
Water elevation: 226.16 ft (68.93 m) msl

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:47
Depth to water: 134.38 ft (40.86 m) below TOC
Water elevation: 219.02 ft (66.76 m) msl

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:51
Depth to water: 136.22 ft (41.22 m) below TOC
Water elevation: 220.08 ft (67.08 m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:49
Depth to water: 126.16 ft (38.46 m) below TOC
Water elevation: 227.26 ft (69.27 m) msl

WATER LEVEL DATA

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:48
Depth to water: 182.31 ft (49.47 m) below TOC
Water elevation: 192.39 ft (58.64 m) msl

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 11:41
There was no water in standpipe.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:15
There was no water in standpipe.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:13
Depth to water: 149.66 ft (45.62 m) below TOC
Water elevation: 221.94 ft (67.65 m) msl

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:11
Depth to water: 172.47 ft (52.67 m) below TOC
Water elevation: 200.43 ft (61.09 m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:57
Depth to water: 144.76 ft (44.12 m) below TOC
Water elevation: 235.44 ft (71.76 m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:59
Depth to water: 157.08 ft (47.88 m) below TOC
Water elevation: 224.52 ft (68.43 m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:28
There was no water in standpipe.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:30
Depth to water: 151.08 ft (46.05 m) below TOC
Water elevation: 215.32 ft (65.63 m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:41
Depth to water: 124.47 ft (37.94 m) below TOC
Water elevation: 237.13 ft (72.28 m) msl

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:40
Depth to water: 138.40 ft (42.18 m) below TOC
Water elevation: 222.50 ft (67.82 m) msl

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 10:44
Depth to water: 146.11 ft (44.23 m) below TOC
Water elevation: 218.09 ft (66.47 m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:23
Depth to water: 137.45 ft (41.90 m) below TOC
Water elevation: 238.05 ft (72.58 m) msl

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/28/93 Time: 15:21
Depth to water: 146.48 ft (44.65 m) below TOC
Water elevation: 228.72 ft (69.71 m) msl

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:17
Depth to water: 152.22 ft (46.40 m) below TOC
Water elevation: 224.58 ft (68.45 m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:18
Depth to water: 175.20 ft (53.71 m) below TOC
Water elevation: 200.40 ft (61.08 m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:38
Depth to water: 124.84 ft (38.05 m) below TOC
Water elevation: 228.56 ft (69.67 m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:37
Depth to water: 131.75 ft (40.16 m) below TOC
Water elevation: 222.45 ft (67.80 m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:05
Depth to water: 146.60 ft (44.38 m) below TOC
Water elevation: 219.80 ft (66.90 m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:01
Depth to water: 141.11 ft (43.01 m) below TOC
Water elevation: 224.09 ft (68.30 m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:57
Depth to water: 134.86 ft (41.11 m) below TOC
Water elevation: 230.34 ft (70.21 m) msl

WATER LEVEL DATA

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:03
Depth to water: 132.78 ft (40.47 m) below TOC
Water elevation: 232.32 ft (70.81 m) msl

WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:59
Depth to water: 132.00 ft (40.23 m) below TOC
Water elevation: 232.60 ft (70.90 m) msl

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:07
Depth to water: 153.27 ft (46.72 m) below TOC
Water elevation: 211.93 ft (64.60 m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:29
Depth to water: 168.49 ft (48.31 m) below TOC
Water elevation: 196.11 ft (60.78 m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:22
Depth to water: 129.14 ft (39.36 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:24
Depth to water: 128.36 ft (39.12 m) below TOC
Water elevation: 224.76 ft (68.60 m) msl

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:28
Depth to water: 124.39 ft (37.91 m) below TOC
Water elevation: 230.61 ft (70.26 m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:26
Depth to water: 129.10 ft (39.36 m) below TOC
Water elevation: 224.60 ft (68.46 m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:56
Depth to water: 160.69 ft (46.90 m) below TOC
Water elevation: 196.61 ft (60.93 m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:53
Depth to water: 136.27 ft (41.23 m) below TOC
Water elevation: 212.23 ft (64.69 m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:54
Depth to water: 113.60 ft (34.63 m) below TOC
Water elevation: 233.70 ft (71.23 m) msl

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:51
Depth to water: 136.62 ft (41.34 m) below TOC
Water elevation: 213.18 ft (64.98 m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:57
Depth to water: 29.27 ft (8.92 m) below TOC
Water elevation: 226.03 ft (68.89 m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:20
Depth to water: 36.40 ft (11.09 m) below TOC
Water elevation: 220.20 ft (67.12 m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:24
Depth to water: 49.99 ft (15.24 m) below TOC
Water elevation: 206.41 ft (62.61 m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:26
Depth to water: 46.46 ft (14.16 m) below TOC
Water elevation: 208.76 ft (63.63 m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:28
Depth to water: 43.61 ft (13.29 m) below TOC
Water elevation: 211.69 ft (64.52 m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:22
Depth to water: 60.84 ft (18.54 m) below TOC
Water elevation: 194.66 ft (60.33 m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:48
Depth to water: 166.77 ft (50.53 m) below TOC
Water elevation: 217.43 ft (66.27 m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:46
Depth to water: 167.66 ft (48.06 m) below TOC
Water elevation: 226.46 ft (68.72 m) msl

WATER LEVEL DATA

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:44
Depth to water: 154.86 ft (47.20 m) below TOC
Water elevation: 228.34 ft (69.60 m) msl

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:42
Depth to water: 181.82 ft (55.38 m) below TOC
Water elevation: 200.88 ft (61.23 m) msl

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:40
Depth to water: 181.33 ft (55.27 m) below TOC
Water elevation: 201.47 ft (61.41 m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:36
Depth to water: 134.36 ft (40.95 m) below TOC
Water elevation: 216.74 ft (66.06 m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:37
Depth to water: 132.16 ft (40.28 m) below TOC
Water elevation: 219.66 ft (66.96 m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:38
Depth to water: 108.47 ft (33.06 m) below TOC
Water elevation: 243.63 ft (74.26 m) msl

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:34
Depth to water: 150.86 ft (45.98 m) below TOC
Water elevation: 199.66 ft (60.82 m) msl

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:58
Depth to water: 130.86 ft (39.88 m) below TOC
Water elevation: 209.76 ft (63.93 m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:00
Depth to water: 126.42 ft (38.53 m) below TOC
Water elevation: 214.28 ft (65.31 m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:02
Depth to water: 126.60 ft (38.58 m) below TOC
Water elevation: 214.30 ft (65.32 m) msl

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:04
Depth to water: 103.87 ft (31.60 m) below TOC
Water elevation: 237.83 ft (72.49 m) msl

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:58
Depth to water: 147.66 ft (45.00 m) below TOC
Water elevation: 192.86 ft (58.81 m) msl

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:21
Depth to water: 176.42 ft (53.77 m) below TOC
Water elevation: 208.68 ft (63.00 m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:19
Depth to water: 163.73 ft (49.91 m) below TOC
Water elevation: 219.07 ft (66.77 m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:23
Depth to water: 155.19 ft (47.30 m) below TOC
Water elevation: 227.91 ft (69.47 m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:26
Depth to water: 161.36 ft (46.13 m) below TOC
Water elevation: 231.46 ft (70.56 m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:17
Depth to water: 176.77 ft (53.68 m) below TOC
Water elevation: 206.63 ft (62.98 m) msl

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:19
Depth to water: 144.62 ft (44.08 m) below TOC
Water elevation: 211.98 ft (64.61 m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:18
Depth to water: 141.18 ft (43.03 m) below TOC
Water elevation: 216.12 ft (65.57 m) msl

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:16
Depth to water: 126.60 ft (38.26 m) below TOC
Water elevation: 230.60 ft (70.26 m) msl

WATER LEVEL DATA

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:16
Depth to water: 181.82 ft (49.32 m) below TOC
Water elevation: 194.88 ft (59.40 m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:43
Depth to water: 132.91 ft (40.61 m) below TOC
Water elevation: 208.69 ft (63.61 m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:47
Depth to water: 130.27 ft (39.71 m) below TOC
Water elevation: 211.53 ft (64.48 m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:48
Depth to water: 126.20 ft (38.47 m) below TOC
Water elevation: 216.30 ft (66.62 m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:51
Depth to water: 109.87 ft (33.49 m) below TOC
Water elevation: 231.83 ft (70.66 m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:45
Depth to water: 160.87 ft (46.99 m) below TOC
Water elevation: 190.93 ft (58.20 m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:48
Depth to water: 117.65 ft (35.86 m) below TOC
Water elevation: 203.65 ft (62.04 m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:46
Depth to water: 116.43 ft (35.43 m) below TOC
Water elevation: 206.27 ft (62.57 m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:42
Depth to water: 116.82 ft (35.61 m) below TOC
Water elevation: 206.28 ft (62.57 m) msl

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:44
Depth to water: 95.46 ft (29.10 m) below TOC
Water elevation: 227.44 ft (69.32 m) msl

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:50
Depth to water: 131.81 ft (40.18 m) below TOC
Water elevation: 188.89 ft (57.60 m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:58
Depth to water: 108.70 ft (32.52 m) below TOC
Water elevation: 217.10 ft (66.17 m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:58
Depth to water: 108.85 ft (32.67 m) below TOC
Water elevation: 217.15 ft (66.19 m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:52
Depth to water: 106.88 ft (32.58 m) below TOC
Water elevation: 217.72 ft (66.36 m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:54
Depth to water: 83.93 ft (25.68 m) below TOC
Water elevation: 240.97 ft (73.45 m) msl

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 15:00
Depth to water: 118.51 ft (36.12 m) below TOC
Water elevation: 206.19 ft (62.64 m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:10
Depth to water: 167.67 ft (48.06 m) below TOC
Water elevation: 218.93 ft (66.73 m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:08
Depth to water: 161.06 ft (46.04 m) below TOC
Water elevation: 226.44 ft (68.71 m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:04
Depth to water: 146.41 ft (44.32 m) below TOC
Water elevation: 231.09 ft (70.44 m) msl

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:06
Depth to water: 143.76 ft (43.82 m) below TOC
Water elevation: 232.74 ft (70.94 m) msl

WATER LEVEL DATA

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14 12
Depth to water: 171.57 ft (52.30 m) below TOC
Water elevation: 205.13 ft (62.52 m) msl

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8 46
Depth to water: 128.60 ft (39.17 m) below TOC
Water elevation: 229.40 ft (69.92 m) msl

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8 50
Depth to water: 128.49 ft (39.16 m) below TOC
Water elevation: 229.51 ft (69.96 m) msl

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8 52
Depth to water: 126.53 ft (38.57 m) below TOC
Water elevation: 230.97 ft (70.40 m) msl

WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8 54
Depth to water: 126.36 ft (38.52 m) below TOC
Water elevation: 231.72 ft (70.63 m) msl

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8 48
Depth to water: 155.15 ft (47.29 m) below TOC
Water elevation: 202.45 ft (61.71 m) msl

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13 57
Depth to water: 159.39 ft (48.58 m) below TOC
Water elevation: 217.51 ft (66.30 m) msl

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13 55
Depth to water: 152.88 ft (46.60 m) below TOC
Water elevation: 224.22 ft (68.34 m) msl

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13 59
Depth to water: 141.95 ft (43.27 m) below TOC
Water elevation: 235.95 ft (71.92 m) msl

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16 53
Depth to water: 165.35 ft (50.40 m) below TOC
Water elevation: 215.75 ft (65.76 m) msl

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16 57
Depth to water: 155.80 ft (47.48 m) below TOC
Water elevation: 225.30 ft (68.67 m) msl

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16 55
The well was dry

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13 47
Depth to water: 157.53 ft (48.02 m) below TOC
Water elevation: 215.17 ft (65.58 m) msl

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13 51
Depth to water: 147.58 ft (44.98 m) below TOC
Water elevation: 225.12 ft (68.62 m) msl

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13 49
Depth to water: 131.83 ft (40.18 m) below TOC
Water elevation: 240.97 ft (73.45 m) msl

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11 33
Depth to water: 141.65 ft (43.18 m) below TOC
Water elevation: 227.36 ft (69.30 m) msl

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11 29
Depth to water: 148.41 ft (45.54 m) below TOC
Water elevation: 219.69 ft (66.96 m) msl

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11 36
Depth to water: 136.69 ft (41.63 m) below TOC
Water elevation: 232.71 ft (70.93 m) msl

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11 37
Depth to water: 135.67 ft (41.32 m) below TOC
Water elevation: 233.53 ft (71.21 m) msl

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11 31
Depth to water: 152.41 ft (46.46 m) below TOC
Water elevation: 215.69 ft (65.92 m) msl

WATER LEVEL DATA

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:41
Depth to water: 139.28 ft (42.45 m) below TOC
Water elevation: 222.82 ft (67.86 m) msl

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:43
Depth to water: 139.78 ft (42.60 m) below TOC
Water elevation: 224.11 ft (68.31 m) msl

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:36
Depth to water: 138.09 ft (42.08 m) below TOC
Water elevation: 224.81 ft (68.52 m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:37
Depth to water: 130.17 ft (39.68 m) below TOC
Water elevation: 233.03 ft (71.03 m) msl

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:39
Depth to water: 139.78 ft (42.61 m) below TOC
Water elevation: 222.61 ft (67.86 m) msl

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:26
Depth to water: 137.47 ft (41.90 m) below TOC
Water elevation: 197.93 ft (60.33 m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:29
Depth to water: 131.14 ft (39.87 m) below TOC
Water elevation: 203.66 ft (62.08 m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:32
Depth to water: 104.41 ft (31.82 m) below TOC
Water elevation: 229.79 ft (70.04 m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:03
Depth to water: 20.36 ft (6.20 m) below TOC
Water elevation: 203.66 ft (62.07 m) msl

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:04
Depth to water: 19.66 ft (5.96 m) below TOC
Water elevation: 203.94 ft (62.16 m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:20
Depth to water: 67.66 ft (17.67 m) below TOC
Water elevation: 205.86 ft (62.74 m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:18
Depth to water: 63.86 ft (16.42 m) below TOC
Water elevation: 208.64 ft (63.58 m) msl

WELL MSB 51DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:16
Depth to water: 60.24 ft (15.31 m) below TOC
Water elevation: 213.06 ft (64.94 m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:06
Depth to water: 102.69 ft (31.30 m) below TOC
Water elevation: 219.21 ft (66.82 m) msl

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:03
Depth to water: 82.66 ft (25.19 m) below TOC
Water elevation: 239.16 ft (72.89 m) msl

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:13
Depth to water: 122.56 ft (37.36 m) below TOC
Water elevation: 222.04 ft (67.68 m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:17
Depth to water: 122.57 ft (37.36 m) below TOC
Water elevation: 222.93 ft (67.95 m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:16
Depth to water: 111.46 ft (33.87 m) below TOC
Water elevation: 233.66 ft (71.22 m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:56
Depth to water: 161.67 ft (46.20 m) below TOC
Water elevation: 222.13 ft (67.71 m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:53
Depth to water: 146.96 ft (44.79 m) below TOC
Water elevation: 226.74 ft (69.11 m) msl

WATER LEVEL DATA

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:59
Depth to water: 140.64 ft (42.87 m) below TOC
Water elevation: 233.36 ft (71.13 m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:57
Depth to water: 164.19 ft (47.00 m) below TOC
Water elevation: 219.61 ft (66.84 m) msl

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:12
Depth to water: 147.07 ft (44.83 m) below TOC
Water elevation: 221.83 ft (67.61 m) msl

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:16
Depth to water: 140.27 ft (42.76 m) below TOC
Water elevation: 229.23 ft (69.87 m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:08
Depth to water: 134.74 ft (41.07 m) below TOC
Water elevation: 233.66 ft (71.22 m) msl

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:10
Depth to water: 136.08 ft (41.46 m) below TOC
Water elevation: 232.72 ft (70.93 m) msl

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:14
Depth to water: 164.99 ft (47.24 m) below TOC
Water elevation: 213.81 ft (65.17 m) msl

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:38
Depth to water: 67.97 ft (17.67 m) below TOC
Water elevation: 221.83 ft (67.61 m) msl

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:22
Depth to water: 126.04 ft (38.11 m) below TOC
Water elevation: 231.16 ft (70.46 m) msl

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:34
Depth to water: 127.10 ft (38.74 m) below TOC
Water elevation: 230.80 ft (70.36 m) msl

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:43
Depth to water: 128.60 ft (39.60 m) below TOC
Water elevation: 228.70 ft (70.01 m) msl

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:11
Depth to water: 124.47 ft (37.94 m) below TOC
Water elevation: 230.03 ft (70.11 m) msl

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:26
Depth to water: 94.01 ft (28.66 m) below TOC
Water elevation: 223.68 ft (68.16 m) msl

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:28
Depth to water: 92.33 ft (28.14 m) below TOC
Water elevation: 226.77 ft (68.82 m) msl

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:56
Depth to water: 141.31 ft (43.07 m) below TOC
Water elevation: 207.79 ft (63.34 m) msl

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:58
Depth to water: 126.29 ft (38.49 m) below TOC
Water elevation: 222.81 ft (67.91 m) msl

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:00
Depth to water: 120.38 ft (36.69 m) below TOC
Water elevation: 229.12 ft (69.84 m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:59
Depth to water: 138.52 ft (42.22 m) below TOC
Water elevation: 208.48 ft (63.56 m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:57
Depth to water: 126.65 ft (38.60 m) below TOC
Water elevation: 220.46 ft (67.19 m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:00
Depth to water: 117.16 ft (35.71 m) below TOC
Water elevation: 229.66 ft (70.00 m) msl

WATER LEVEL DATA

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:46
Depth to water: 140.80 ft (42.85 m) below TOC
Water elevation: 207.80 ft (63.34 m) msl

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:48
Depth to water: 125.82 ft (38.38 m) below TOC
Water elevation: 222.78 ft (67.90 m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 8:50
Depth to water: 121.74 ft (37.11 m) below TOC
Water elevation: 227.26 ft (69.27 m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:10
Depth to water: 115.87 ft (35.32 m) below TOC
Water elevation: 233.63 ft (71.21 m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:44
Depth to water: 164.49 ft (50.14 m) below TOC
Water elevation: 219.01 ft (66.76 m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:46
Depth to water: 155.24 ft (47.32 m) below TOC
Water elevation: 228.26 ft (69.57 m) msl

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:42
Depth to water: 152.43 ft (46.49 m) below TOC
Water elevation: 230.77 ft (70.34 m) msl

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:48
Depth to water: 176.83 ft (53.90 m) below TOC
Water elevation: 205.97 ft (62.78 m) msl

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:28
Depth to water: 145.85 ft (44.76 m) below TOC
Water elevation: 218.26 ft (66.52 m) msl

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:26
Depth to water: 137.38 ft (41.87 m) below TOC
Water elevation: 227.42 ft (69.32 m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:24
Depth to water: 132.38 ft (40.36 m) below TOC
Water elevation: 232.62 ft (70.90 m) msl

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:20
Depth to water: 138.10 ft (42.08 m) below TOC
Water elevation: 218.80 ft (66.68 m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:16
Depth to water: 130.22 ft (39.89 m) below TOC
Water elevation: 226.48 ft (69.03 m) msl

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:18
Depth to water: 123.57 ft (37.66 m) below TOC
Water elevation: 233.43 ft (71.15 m) msl

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:27
Depth to water: 160.75 ft (49.00 m) below TOC
Water elevation: 220.95 ft (67.35 m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:28
Depth to water: 154.43 ft (47.07 m) below TOC
Water elevation: 227.37 ft (69.30 m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:31
Depth to water: 148.96 ft (45.40 m) below TOC
Water elevation: 233.24 ft (71.09 m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:26
Depth to water: 166.46 ft (50.73 m) below TOC
Water elevation: 215.05 ft (65.55 m) msl

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 17:57
Depth to water: 144.16 ft (43.94 m) below TOC
Water elevation: 218.04 ft (66.46 m) msl

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 17:55
Depth to water: 140.85 ft (42.93 m) below TOC
Water elevation: 221.65 ft (67.56 m) msl

WATER LEVEL DATA

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:52
Depth to water: 127.44 ft (38.84 m) below TOC
Water elevation: 217.66 ft (66.34 m) msl

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:53
Depth to water: 127.36 ft (38.82 m) below TOC
Water elevation: 200.84 ft (61.22 m) msl

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 11:23
Depth to water: 137.76 ft (41.89 m) below TOC
Water elevation: 202.64 ft (61.77 m) msl

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:09
Depth to water: 103.14 ft (31.44 m) below TOC
Water elevation: 211.36 ft (64.42 m) msl

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:11
Depth to water: 103.66 ft (31.66 m) below TOC
Water elevation: 211.46 ft (64.46 m) msl

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:13
Depth to water: 81.68 ft (24.87 m) below TOC
Water elevation: 233.62 ft (71.18 m) msl

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:37
Depth to water: 116.60 ft (35.51 m) below TOC
Water elevation: 210.20 ft (64.07 m) msl

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:36
Depth to water: 117.63 ft (35.82 m) below TOC
Water elevation: 208.97 ft (64.00 m) msl

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:00
Depth to water: 131.67 ft (40.13 m) below TOC
Water elevation: 221.13 ft (67.40 m) msl

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:01
Depth to water: 136.93 ft (41.43 m) below TOC
Water elevation: 221.77 ft (67.60 m) msl

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:06
Depth to water: 133.68 ft (40.75 m) below TOC
Water elevation: 224.01 ft (68.28 m) msl

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:07
Depth to water: 123.46 ft (37.63 m) below TOC
Water elevation: 234.34 ft (71.43 m) msl

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:03
Depth to water: 136.86 ft (41.41 m) below TOC
Water elevation: 221.66 ft (67.53 m) msl

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 16:03
Depth to water: 140.17 ft (42.72 m) below TOC
Water elevation: 223.43 ft (68.10 m) msl

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:46
Depth to water: 140.22 ft (42.74 m) below TOC
Water elevation: 207.78 ft (63.33 m) msl

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:44
Depth to water: 137.67 ft (41.86 m) below TOC
Water elevation: 210.13 ft (64.06 m) msl

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:56
Depth to water: 47.39 ft (14.44 m) below TOC
Water elevation: 218.81 ft (67.00 m) msl

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:18
Depth to water: 147.73 ft (45.03 m) below TOC
Water elevation: 226.77 ft (69.12 m) msl

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:20
Depth to water: 164.29 ft (47.03 m) below TOC
Water elevation: 220.11 ft (67.09 m) msl

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:14
Depth to water: 146.03 ft (44.61 m) below TOC
Water elevation: 227.97 ft (69.49 m) msl

WATER LEVEL DATA

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:12
Depth to water: 140.86 ft (42.93 m) below TOC
Water elevation: 232.86 ft (70.97 m) msl

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:18
Depth to water: 169.66 ft (48.88 m) below TOC
Water elevation: 214.14 ft (65.27 m) msl

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:46
Depth to water: 160.16 ft (46.77 m) below TOC
Water elevation: 221.84 ft (67.62 m) msl

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:50
Depth to water: 143.86 ft (43.88 m) below TOC
Water elevation: 228.14 ft (69.54 m) msl

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:48
Depth to water: 138.60 ft (42.22 m) below TOC
Water elevation: 233.20 ft (71.08 m) msl

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 9:44
Depth to water: 166.38 ft (47.67 m) below TOC
Water elevation: 216.42 ft (65.66 m) msl

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:04
Depth to water: 132.40 ft (40.36 m) below TOC
Water elevation: 229.60 ft (69.98 m) msl

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:24
Depth to water: 168.89 ft (48.43 m) below TOC
Water elevation: 221.91 ft (67.64 m) msl

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:22
Depth to water: 166.38 ft (47.67 m) below TOC
Water elevation: 226.01 ft (68.68 m) msl

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:26
Depth to water: 148.07 ft (45.13 m) below TOC
Water elevation: 233.33 ft (71.12 m) msl

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:20
Depth to water: 169.67 ft (48.67 m) below TOC
Water elevation: 221.33 ft (67.46 m) msl

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 10:30
Depth to water: 132.32 ft (40.33 m) below TOC
Water elevation: 226.08 ft (68.81 m) msl

WELL MWD 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:58
Depth to water: 138.30 ft (42.16 m) below TOC
Water elevation: 181.20 ft (55.28 m) msl

WELL MWD 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:00
Depth to water: 67.67 ft (20.60 m) below TOC
Water elevation: 262.03 ft (79.87 m) msl

WELL MWD 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:54
Depth to water: 68.64 ft (20.31 m) below TOC
Water elevation: 261.96 ft (79.85 m) msl

WELL MWD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:58
Depth to water: 68.66 ft (17.86 m) below TOC
Water elevation: 271.46 ft (82.74 m) msl

WELL MWD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:07
Depth to water: 132.26 ft (40.31 m) below TOC
Water elevation: 192.16 ft (58.67 m) msl

WELL MWD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:03
Depth to water: 61.78 ft (18.83 m) below TOC
Water elevation: 262.62 ft (80.02 m) msl

WELL MWD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:05
Depth to water: 63.60 ft (16.31 m) below TOC
Water elevation: 271.10 ft (82.63 m) msl

WELL MWD 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:10
Depth to water: 140.18 ft (42.73 m) below TOC
Water elevation: 180.62 ft (55.10 m) msl

WATER LEVEL DATA

WELL MWD 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:43
Depth to water: 132.80 ft (40.48 m) below TOC
Water elevation: 181.80 ft (58.46 m) msl

WELL MWD 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:46
Depth to water: 66.98 ft (20.11 m) below TOC
Water elevation: 269.12 ft (78.98 m) msl

WELL MWD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:41
Depth to water: 64.06 ft (16.47 m) below TOC
Water elevation: 270.86 ft (82.66 m) msl

WELL MWD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:14
Depth to water: 64.06 ft (16.47 m) below TOC
Water elevation: 271.76 ft (82.83 m) msl

WELL MWD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:37
Depth to water: 61.38 ft (15.66 m) below TOC
Water elevation: 271.12 ft (82.64 m) msl

WELL MWD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:51
Depth to water: 67.29 ft (20.51 m) below TOC
Water elevation: 263.61 ft (80.36 m) msl

WELL MWD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 13:49
Depth to water: 136.10 ft (41.48 m) below TOC
Water elevation: 184.70 ft (59.36 m) msl

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:23
Depth to water: 102.62 ft (31.26 m) below TOC
Water elevation: 212.68 ft (64.83 m) msl

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:52
Depth to water: 106.20 ft (32.37 m) below TOC
Water elevation: 214.40 ft (66.36 m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:48
Depth to water: 112.80 ft (34.41 m) below TOC
Water elevation: 207.70 ft (63.31 m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:54
Depth to water: 111.99 ft (34.13 m) below TOC
Water elevation: 208.61 ft (63.69 m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:44
Depth to water: 118.89 ft (36.18 m) below TOC
Water elevation: 213.41 ft (66.06 m) msl

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:46
Depth to water: 107.11 ft (32.66 m) below TOC
Water elevation: 212.89 ft (64.92 m) msl

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:41
Depth to water: 98.16 ft (29.92 m) below TOC
Water elevation: 211.26 ft (64.39 m) msl

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:27
Depth to water: 96.69 ft (29.17 m) below TOC
Water elevation: 212.01 ft (64.62 m) msl

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:57
Depth to water: 88.26 ft (26.90 m) below TOC
Water elevation: 210.84 ft (64.26 m) msl

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:06
Depth to water: 79.27 ft (24.16 m) below TOC
Water elevation: 208.83 ft (63.66 m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:20
Depth to water: 62.09 ft (16.88 m) below TOC
Water elevation: 201.31 ft (61.36 m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:22
Depth to water: 62.72 ft (16.07 m) below TOC
Water elevation: 200.68 ft (61.14 m) msl

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:23
Depth to water: 61.44 ft (15.68 m) below TOC
Water elevation: 201.96 ft (61.66 m) msl

WATER LEVEL DATA

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:30
There was no water in standpipe.

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 14:34
Depth to water: 85.31 ft (26.00 m) below TOC
Water elevation: 210.49 ft (64.16 m) msl

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:13
Depth to water: 39.50 ft (12.04 m) below TOC
Water elevation: 186.80 ft (56.99 m) msl

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:16
Depth to water: 43.56 ft (13.28 m) below TOC
Water elevation: 182.74 ft (56.76 m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:12
Depth to water: 35.87 ft (10.93 m) below TOC
Water elevation: 200.43 ft (61.09 m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:58
Depth to water: 94.87 ft (28.92 m) below TOC
Water elevation: 202.83 ft (61.82 m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:00
Depth to water: 93.05 ft (28.36 m) below TOC
Water elevation: 204.66 ft (62.38 m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:03
Depth to water: 88.03 ft (26.83 m) below TOC
Water elevation: 208.67 ft (63.91 m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:50
Depth to water: 122.34 ft (37.29 m) below TOC
Water elevation: 204.66 ft (62.38 m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:46
Depth to water: 120.53 ft (36.74 m) below TOC
Water elevation: 206.37 ft (62.90 m) msl

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:48
There was no water in standpipe.

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:39
Depth to water: 108.97 ft (33.21 m) below TOC
Water elevation: 210.13 ft (64.06 m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:36
Depth to water: 108.71 ft (33.14 m) below TOC
Water elevation: 210.39 ft (64.13 m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 13:37
Depth to water: 106.47 ft (32.45 m) below TOC
Water elevation: 212.63 ft (64.81 m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:36
Depth to water: 132.70 ft (40.46 m) below TOC
Water elevation: 214.10 ft (65.26 m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:38
Depth to water: 132.16 ft (40.28 m) below TOC
Water elevation: 214.66 ft (65.43 m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/26/93 Time: 12:40
Depth to water: 131.47 ft (40.07 m) below TOC
Water elevation: 215.13 ft (65.67 m) msl

WELL Z 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 15:45
Depth to water: 35.21 ft (10.73 m) below TOC
Water elevation: 222.09 ft (67.69 m) msl

WELL Z 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 16:00
Inaccessibility or mechanical problem prevented sample collection.

WELL Z 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 15:56
Depth to water: 58.54 ft (17.84 m) below TOC
Water elevation: 221.46 ft (67.50 m) msl

WELL Z 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/93 Time: 9:32
Inaccessibility or mechanical problem prevented sample collection.

WATER LEVEL DATA

WELL Z 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:34
Depth to water: 22.93 ft (6.99 m) below TOC
Water elevation: 280.17 ft (85.40 m) msl

WELL Z 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 14:56
Depth to water: 31.26 ft (9.53 m) below TOC
Water elevation: 275.64 ft (84.02 m) msl

WELL Z 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 16:22
Depth to water: 7.87 ft (2.34 m) below TOC
Water elevation: 171.13 ft (52.16 m) msl

WELL Z 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 16:18
Depth to water: 14.64 ft (4.43 m) below TOC
Water elevation: 187.66 ft (57.17 m) msl

WELL Z 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 16:31
Depth to water: 71.87 ft (21.84 m) below TOC
Water elevation: 190.03 ft (57.92 m) msl

WELL Z 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/93 Time: 16:27
Depth to water: 50.94 ft (15.53 m) below TOC
Water elevation: 192.66 ft (58.72 m) msl

10. SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site Description</u>
ABP	A-Area Metals Burning Pit
ABW	A Area near Firing Range: Background Well
AC	A Area: Cluster Perimeter Wells M Area: Plume Definition Wells
ACB	A-Area Coal Pile Runoff Containment Basin
AMB	Metallurgical Laboratory Seepage Basin
AOB	Motor Shop Oil Basin
ARP	A-Area Burning/Rubble Pits
ASB	Savannah River Technology Center (SRTC) Seepage Basins
BG	Burial Grounds
BGO	Burial Grounds Perimeter
BGX	E-Area Vaults near the Burial Grounds
BRD	Road A Chemical Basin (Baxley Road)
BRR	Burma Road Rubble Pit
CBR	Central Shops Burning/Rubble Pit South of the Ford Building Seepage Basin
CCB	C-Area Coal Pile Runoff Containment Basin
CDB	C-Area Disassembly Basin
CMP	Chemicals, Metals, and Pesticides (CMP) Pits
CRP	C-Area Burning/Rubble Pit
CSA	Hydrofluoric Acid Spill Area
CSB	C-Area Reactor Seepage Basins
CSD	Central Shops Diesel Spill Site: Characterization and Remediation Wells
CSO	Fire Department Training Facility
CSR	Central Shops Burning/Rubble Pits
DBP	D-Area Burning/Rubble Pits
DCB	D-Area Coal Pile Runoff Containment Basin and Ash Basins
DOB	D-Area Oil Disposal Basin
F	F-Area Seepage Basins
FAC	F-Area Acid/Caustic Basin
FAL	F-Area A Line
FBP	F-Area Burning/Rubble Pits
FCA	F-Area Canyon Building
FCB	F-Area Coal Pile Runoff Containment Basin
FET	F-Area Effluent Treatment Cooling Water Basin
FNB	Old F-Area Seepage Basin
FSB 1TA Well	F-Area Seepage Basins: Production Well
FSB	F-Area Seepage Basins
FSL	F-Area Inactive Process Sewer Lines
FSS	F-Area Sludge Land Application Site
FTF	F-Area Tank Farm

SITE INDEX

<u>Well Series</u>	<u>Site Description</u>
GBW	Near Hawthorne Fire Tower: Background Well
H	H-Area Seepage Basins
HAC	H-Area Acid/Caustic Basin
HAP	H-Area Auxiliary Pump Pit
HCA	H-Area Canyon Building
HCB	H-Area Coal Pile Runoff Containment Basin
HET	H-Area Effluent Treatment Cooling Water Basin
HMD	Hazardous Waste/Mixed Waste Disposal Facility
HR3	Old H-Area Retention Basin
HR8	H-Area Retention Basin
HSB 1TB Well	H-Area Seepage Basins: Production Well
HSB	H-Area Seepage Basins
HSL	H-Area Inactive Process Sewer Lines
HSS	H-Area Sludge Land Application Site
HTF	H-Area Tank Farm
HWS	Hazardous Waste Storage Facility
HXB	Ford Building Seepage Basin
IDB	Interim Waste Technology Site B: Characterization Wells
IDP	Interim Waste Technology Site P: Characterization Wells
IDQ	Interim Waste Technology Site Q: Characterization Wells
K	K-Area Wind Tower at B Road: Piezometers
KAB	K-Area Ash Basin
KAC	K-Area Acid/Caustic Basin
KCB	K-Area Coal Pile Runoff Containment Basin
KDB	K-Area Disassembly Basin
KDT	K-Area Diesel Tank
KRB	K-Area Retention Basin
KRP	K-Area Burning/Rubble Pit
KSB	K-Area Reactor Seepage Basin
KSM	K-Area Tritium Monitoring Well
KSS	K-Area Sludge Land Application Site
LAC	L-Area Acid/Caustic Basin
LAW	L-Area: Research Wells
LCO	L-Area Oil and Chemical Basin
LDB	L-Area Disassembly Basin
LFW	Sanitary Landfill
LRP	L-Area Burning/Rubble Pit
LSB	L-Area Reactor Seepage Basin
MCB	Miscellaneous Chemical Basin
MGA	Series A, Burial Grounds Grid
MGC	Series C, Burial Grounds Grid
MGE	Series E, Burial Grounds Grid
MGG	Series G, Burial Grounds Grid
MSB	M-Area Hazardous Waste Management Facility (HWMF)
MWD	Potential Hazardous Waste/Mixed Waste Disposal Facility
NBG	Between the F-Area Canyon Building and the Naval Fuel Material Facility
NPM	Potential New Production Reactor Site (near Central Shops): Characterization Wells

SITE INDEX

<u>Well Series</u>	<u>Site Description</u>
P	SRS Baseline Hydrogeologic Investigation: Observation Wells B Area: Microbiology Wells [P 29 cluster] East of H-Area Perimeter Fence [P 27 cluster] East of P Area, outside the P-Area Perimeter Fence [P 24 cluster] F Area: Microbiology Wells [P 28 cluster] L Area: Near and to the East of 186-L [P 15 cluster] North of H Area [P 14 cluster] TNX Area: Background Wells [P 26 cluster]
PAC	P-Area Acid/Caustic Basin
PCB	P-Area Coal Pile Runoff Containment Basin
PDB	P-Area Disassembly Basin
PRP	P-Area Burning/Rubble Pit
PSB	P-Area Reactor Seepage Basins
PSS	Par Pond Sludge Land Application Site
RAC	R-Area Acid/Caustic Basin
RCP	R-Area Coal Pile
RDB	R-Area Disassembly Basin
RRP	R-Area Burning/Rubble Pits
RSA	Series A, R-Area Reactor Seepage Basins
RSB	Series B, R-Area Reactor Seepage Basins
RSC	Series C, R-Area Reactor Seepage Basins
RSD	Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin
RSE	Series E, R-Area Reactor Seepage Basins
RSF	Series F, R-Area Reactor Seepage Basins
RWM	M Area: Recovery Wells (also used for plume definition)
SBG	S-Area Defense Waste Processing Facility (DWPF): Background Wells
SCA	S-Area Vitrification Building
SLP	S-Area Low-Point Pump Pit
SLW	New Sanitary Landfill: Piezometers
SRW	Silverton Road Waste Site
SSS	Sewage Sludge Application Sites 40-Acre Hardwood Site Kato Road Site Lower Kato Road Site Orangeburg Site Par Pond Borrow Pit Road F Site Sandy (Lucy) Site Second Par Pond Borrow Pit
TBG	TNX Burying Ground
TNX	TNX Area: Assessment Wells
XSB	Old TNX Seepage Basin
YSB	New TNX Seepage Basin
YSC	Y-Area Waste Solidification and Disposal Facility
Z	F Area H Area
ZBG	Z-Area Saltstone Facility: Background Wells
ZDT	Z-Area Low-Point Drain Tank

SITE INDEX

<u>Well Series</u>	<u>Site Description</u>
ZW	F Area H Area
241-H	H-Area Tank Farm Well, between Tanks 9 and 11

11. GLOSSARY

See p. A-1 for a key to abbreviations used in the results tables in **Appendix A**.

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

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

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.

analytical modifier. See **result qualifier**.

APHA. American Public Health Association.

Appendix IX. List of constituents specified by Appendix IX in the *Code of Federal Regulations*, Title 40, Part 264. Analyses for Appendix IX constituents are required by the Resource Conservation and Recovery Act (RCRA) under specified conditions.

associated samples. Samples analyzed by a laboratory in the same batch with blind 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 **blind blank**, **internal blank**, **laboratory blank**, and **trip blank**. See also the **Blanks** subsection of the **Quality Control Samples** section of this report.

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

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 625.

cation. Positively charged ion.

CERCLA. Comprehensive Environmental Response, Compensation, and Liability Act.

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.

GLOSSARY

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

Clemson Technical Center, Inc. Clemson Technical Center, Inc., of Anderson, SC (subcontractor for Weston).

CN. See Clemson Technical Center, Inc.

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

comprehensive 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.

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 in order 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**.

DOE. United States 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. Drinking water standards (federal primary and secondary drinking water standards, as set forth by the EPA).

E. A code letter used in the analytical data tables signifying an exponential (e.g., $3.4\text{E} + 03 = 3.4 \times 10^3 = 3,400$).

EM. EPD/EMS Laboratory at SRS.

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

EPA. United States Environmental Protection Agency.

EPD. Environmental Protection Department at SRS.

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

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.

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

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. General Engineering Laboratories of Charleston, SC.

Ge-Hy. Ge-Hy Environmental Sampling of New Ellenton, SC.

General Engineering. See **GE**.

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

halogen. Any of the elements of the halogen family, consisting 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.

internal blank. Deionized water or solvent sample generated by the laboratory; one is analyzed with each batch of samples as an in-house check of analytical procedures and equipment (same as a **laboratory blank**).

intralaboratory comparisons. Comparisons conducted within a single laboratory.

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

laboratory blank. See **internal blank**.

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 the sample.

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

method detection limit. A reproducible analyte- and method-specific detection limit.

μCi. Microcurie; unit of radiation equivalent to 37,000 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.

mg/L. Milligrams per liter.

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

msl. Mean sea level.

NTU. Nephelometric turbidity units; the standard unit of turbidity measurement.

null hypothesis. A statement, which can be tested statistically, that there is 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 radiation 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.

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.

GLOSSARY

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

QA. Quality assurance.

QC. Quality control.

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**.

reference detection limit. 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.

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

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

result qualifier. A code used to convey additional information about an analytical result. Also called an **analytical modifier**. See p. A-2 for additional information.

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 to include CERCLA and hazardous-substance regulations.

run date. The date on which an analysis is performed.

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 even more significant than, the value actually observed.

site custodian. WSRC employee responsible for a site being monitored.

SP. Spencer Testing Services, Inc., of Spencer, WV (subcontractor for General Engineering).

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.

GLOSSARY

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

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.

TE. Teledyne Isotopes of Northbrook, IL (subcontractor for General Engineering).

TM. TMA/Eberline of Oak Ridge, TN (subcontractor for Weston).

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

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. United States Public Health Service drinking water standard.

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. Roy F. Weston, Inc., of Lionville Laboratory, Lionville, PA.

Weston. See **WA**.

wellhead. The top of a well.

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.

WSRC. Westinghouse Savannah River Company.

NOTES

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NOTES

Appendix A. ANALYTICAL RESULTS

(See Volume 2)

Appendix B. SAMPLING BLANK RESULTS

This section presents the analytical results for sampling blanks analyzed during first quarter 1993.

SAMPLING BLANK RESULTS

WELL EPT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Turbidity: 0 NTU

Time: 10:10
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 12.2°C
Air temperature: 9.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	Dissolved organic carbon	9,880		µg/L	GE

WELL EPT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 8:33
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 16.3°C
Air temperature: 7.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
2	Dissolved organic carbon	25,000		µg/L	GE

WELL EPT 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Turbidity: 0 NTU

Time: 9:55
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 14.5°C
Air temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Dissolved organic carbon	2,410		µg/L	GE

WELL EPT 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Turbidity: 0 NTU

Time: 8:17
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 16.7°C
Air temperature: 15.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Dissolved organic carbon	< 1,000		µg/L	GE
0	Dissolved organic carbon	< 1,000		µg/L	GE

WELL QA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 7:04
pH: 4.3
Alkalinity: 1 mg/L
Water temperature: 17.1°C
Air temperature: 7.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.2	JQ	pH	GE
0	pH	5.2	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	< 20		µg/L	GE
0	Aluminum	< 20		µg/L	WA
0	Arsenic	< 2.0		µg/L	GE
0	Arsenic	< 2.0		µg/L	WA
0	Barium	< 3.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Benzene	< 1.0		µg/L	GE
0	Benzene	< 5.0		µg/L	WA
0	Bromodichloromethane	< 1.0		µg/L	GE
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromoform	< 1.0		µg/L	GE
0	Bromoform	< 5.0		µg/L	WA
0	Bromomethane	< 1.0		µg/L	GE
0	Bromomethane	< 10		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA

WELL QA 2A collected on 01/22/93, laboratory analyses (cont)

F	Analyte	Result	Mod	Unit	Lab
0	Calcium	< 10		µg/L	GE
0	Calcium	< 27	J3V	µg/L	WA
0	Carbon tetrachloride	< 1.0		µg/L	GE
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Chloride	< 250		µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chlorobenzene	< 1.0		µg/L	GE
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chloroethane	< 1.0		µg/L	GE
0	Chloroethane	< 10		µg/L	WA
0	Chloroethene (Vinyl chloride)	< 1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	< 10		µg/L	WA
0	2-Chloroethyl vinyl ether	< 1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	< 10		µg/L	WA
0	Chloroform	< 1.0		µg/L	GE
0	Chloroform	< 5.0		µg/L	WA
0	Chloromethane	< 1.0		µg/L	GE
0	Chloromethane	< 10		µg/L	WA
0	Chromium	< 4.0		µg/L	GE
0	Chromium	< 4.0		µg/L	WA
0	Dibromochloromethane	< 1.0		µg/L	GE
0	Dibromochloromethane	< 5.0		µg/L	WA
0	1,1-Dichloroethane	< 1.0		µg/L	GE
0	1,1-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 1.0		µg/L	GE
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 1.0		µg/L	GE
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	Dichloromethane	< 1.0		µg/L	GE
0	Dichloromethane	< 5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	WA
0	1,2-Dichloropropane	< 1.0		µg/L	GE
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 1.0		µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 1.0		µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Ethylbenzene	< 1.0		µg/L	GE
0	Ethylbenzene	< 5.0		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.058		µg/L	WA
0	Lithium	< 5.0		µg/L	GE
0	Lithium	< 5.0		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 11		µg/L	WA
0	Manganese	< 2.0		µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.56		µg/L	WA
0	Nickel	< 4.0		µg/L	GE
0	Nickel	< 4.0		µg/L	WA
0	Nitrate as nitrogen	48		µg/L	WA
0	Nitrate nitrite as nitrogen	< 50		µg/L	GE
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0		µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	< 100		µg/L	GE
0	Silica	< 100		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	< 10		µg/L	GE
0	Sodium	112	V	µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Sulfate	< 1,000		µg/L	WA
0	Sulfate	< 1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	Tetrachloroethylene	< 1.0		µg/L	GE
0	Tetrachloroethylene	< 5.0		µg/L	WA
0	Toluene	< 1.0		µg/L	GE
0	Toluene	< 5.0		µg/L	WA
0	Total dissolved solids	< 1,000		µg/L	GE
0	Total dissolved solids	7,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total phosphates (as P)	< 50		µg/L	GE
0	Total phosphates (as P)	< 50		µg/L	WA
0	Toxaphene	< 0.24		µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.56		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 2A collected on 03/21/93 laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	8.0E-10 ± 9.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	1.0E-09 ± 1.5E-09		µCi/mL	TM
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium-228	<2.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	1.2E-09 ± 8.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.7E-07		µCi/mL	TM

WELL QA 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/93
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 7 µS/cm
 Turbidity: 0 NTU

Time: 13:38
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 23.7°C
 Air temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.9	JQ	pH	GE
0	pH	4.9	JQ	pH	WA
0	Specific conductance	8.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Acetone	<100		µg/L	GE
0	Acetone	<10		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	38		µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<10		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	Dichlorodifluoromethane	<10		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE

WELL QA 2B collected on 03/21/93 laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<10		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<10		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.054		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.54		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate as nitrogen	20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	13,700		µg/L	GE
0	Silica	11,200		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	282		µg/L	GE
0	Sodium	249	V	µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	28,000	V	µg/L	GE
0	Total dissolved solids	17,000		µg/L	WA
0	Total dissolved solids	16,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0	JQ	µg/L	GE
0	Total organic halogens	<5.0	JQ	µg/L	GE
0	Total organic halogens	8.8		µg/L	WA
0	Total organic halogens	5.1		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 2B collected on 03/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<8.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-226	<2.6E-10		µCi/mL	TM
0	Radium-228	7.0E-10 ± 7.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM

WELL QA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:27
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 20.4°C
Air temperature: 14.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.9	JQ	pH	GE
0	pH	5.3	JQ	pH	WA
0	Specific conductance	10		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	13	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA

WELL QA 4A collected on 02/10/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	5.0	J3	µg/L	WA
0	Lead	<3.0	J1	µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	15	J3	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	45		µg/L	WA
0	Nitrate as nitrogen	31		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	95	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	2,000		µg/L	GE
0	Total dissolved solids	6,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Orthophosphates (as P)	60		µg/L	GE
0	Orthophosphates (as P)	<50		µg/L	WA
0	Phenol	<0.24		µg/L	GE
0	Phenol	<1.1		µg/L	WA
0	P (Silvex)	<0.090		µg/L	GE
0	P (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.5E-10		µCi/mL	TM
0	Radium-228	1.1E-09 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.4E-07		µCi/mL	TM

WELL QA 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/23/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Turbidity: 0 NTU

Time: 9:31
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.4°C
Air temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.1	JQ	pH	GE
0	pH	5.0	JQ	pH	WA
0	Specific conductance	9.0		µS/cm	GE
0	Specific conductance	16	JQ	µS/cm	WA
0	Acetone	<100		µg/L	GE
0	Acetone	<10		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Arsenic	<2.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 4B collected on 03/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<1.0		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<1.0	J1	µg/L	GE
0	Calcium	48		µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<2.0		µg/L	WA
0	1,2-Dibromoethane	<2.0		µg/L	GE
0	1,2-Dibromoethane	<2.0		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<1.0		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<3.0		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	Dichlorodifluoromethane	<1.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<1.0		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<1.0		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	8.2	J3	µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20	JQ	µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<1.0		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<1.0		µg/L	WA

WELL QA 4B collected on 03/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	13,100		µg/L	GE
0	Silica	12,300		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	322		µg/L	GE
0	Sodium	385		µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	19,000	V	µg/L	GE
0	Total dissolved solids	9,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	6.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.54		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<1.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<1.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	3.5E-09 ± 1.5E-09		µCi/mL	GE
0	Nonvolatile beta	1.4E-09 ± 1.4E-09		µCi/mL	TM
0	Radium-226	<4.3E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Turbidity: 0 NTU

Time: 8:01
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 23.0°C
Air temperature: 8.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.3		pH	GE
0	pH	4.9	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	5.5	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 6A collected on 01/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	6.2		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0	JV	µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	5.8		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.054		µg/L	WA
0	Magnesium	5.2		µg/L	GE
0	Magnesium	5.1	J3	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Methoxychlor	<0.50		µg/L	WA
0	Methoxychlor	<0.54		µg/L	GE
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	100		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	10,500	J2	µg/L	GE
0	Silica	7,650	V	µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	247		µg/L	GE
0	Sodium	268		µg/L	WA
0	Sulfate	<1,000	JQ8	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	11,000	V	µg/L	GE
0	Total dissolved solids	2,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA

WELL QA 6A collected on 01/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<5.0E-10		µCi/mL	TM
0	Radium-226	<1.8E-10		µCi/mL	TM
0	Radium-228	<2.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.0E-07		µCi/mL	TM

WELL QA 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/23/93
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 8 µS/cm
 Turbidity: 1 NTU
 Time: 9:13
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.6°C
 Air temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.8	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	4.0		µS/cm	GE
0	Specific conductance	4.0		µS/cm	WA
0	Specific conductance	16	JQ	µS/cm	GE
0	Acetone	<100		µg/L	GE
0	Acetone	<10		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	WA
0	Barium	<4.0		µg/L	GE
0	Benzene	<1.0		µg/L	WA
0	Benzene	<5.0		µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	WA
0	Bromodichloromethane	<5.0		µg/L	GE
0	Bromoform	<1.0		µg/L	WA
0	Bromoform	<5.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	Bromomethane	<10		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Calcium	<10	J1	µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	13	J3	µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Dibromochloromethane	<1.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	Dibromomethane	<1.0		µg/L	WA
0	Dibromomethane	<10		µg/L	GE
0	Dibromomethane	<30		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 6B collected on 03/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	Dichlorodifluoromethane	<1.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<1.0		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<10		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	GE
0	Iron	5.7	J3	µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.056		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	120		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	11,800		µg/L	GE
0	Silica	11,800		µg/L	GE
0	Silica	12,000		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	393		µg/L	GE
0	Sodium	390		µg/L	GE
0	Sodium	443		µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	14,000	V	µg/L	GE
0	Total dissolved solids	17,000	V	µg/L	GE
0	Total dissolved solids	47,000		µg/L	WA
0	Total dissolved solids	49,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	GE

WELL QA 6B collected on 03/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.57		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<2.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<4.0E-10		µCi/mL	TM
0	Radium-226	<3.7E-10		µCi/mL	TM
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Turbidity: 0 NTU

Time: 16:39
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 14.5 °C
Air temperature: 13.5 °C

LABORATORY ANA

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.6	JQ	pH	GE
0	pH	5.0	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	2.3	J3	µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	4.4	J3	µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 8A collected on 02/14/93, laboratory analyses (cont)

F	Analyte	Result	Mod	Unit	Lab
0	Dichloromethane	<1.0		µg/L	GE
2	Dichloromethane	5.9	V	µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0	J1	µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	102		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	64	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
1	Tetrachloroethylene	4.6		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	<1,000	JQV	µg/L	GE
0	Total dissolved solids	5,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	238		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.53		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
2	Trichloroethylene	5.7		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-226	<2.7E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.6E-07		µCi/mL	TM

WELL QA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:20
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 20.2°C
Air temperature: 9.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.2	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	11	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	22	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	7.1	J3	µg/L	WA
0	Lead	<3.0	J1	µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	15	J3	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.57		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	71		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 10A collected on 02/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	88	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	<1,000	V	µg/L	GE
0	Total dissolved solids	3,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	21		µg/L	GE
0	Total organic halogens	25		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	WA
0	2,4,5-TP (Silvex)	<0.55		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	8.0	V	µg/L	WA
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	CN
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	CN
0	Curium-245/246	<1.0E-09		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<7.0E-10		µCi/mL	TM
0	Manganese 54	<1.0E-08		µCi/mL	GP
0	Manganese 54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<4.5E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<2.1E-10		µCi/mL	TM
0	Radium-228	1.9E-09 ± 8.0E-10		µCi/mL	GP
0	Radium-228	<1.0E-09		µCi/mL	CN
0	Radium-228	6.0E-10 ± 7.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-89	<2.0E-09		µCi/mL	GP
0	Strontium-89	<2.0E-09		µCi/mL	CN

WELL QA 10A collected on 02/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Strontium-90	<2.0E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-232	<7.0E-07		µCi/mL	GE
0	Thorium-232	<4.8E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<8.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:44
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 14.4°C
Air temperature: 15.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7.4	JQ	pH	GE
0	pH	8.1	JQ	pH	WA
0	Specific conductance	10		µS/cm	GE
0	Specific conductance	10		µS/cm	WA
0	Specific conductance	11	JQ	µS/cm	GE
0	Turbidity	<0.10		NTU	GE
0	Turbidity	<0.20	JQ	NTU	WA
0	Acetophenone	<10		µg/L	GE
0	Acetophenone	<11		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	40	J1	µg/L	WA
0	Carbon tetrachloride	<1.0	V	µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	4.5	J3	µg/L	GE
0	Copper	4.5		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 12A collected on 02/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	<2.0	J3V	µg/L	GE
0	Magnesium	29		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.57		µg/L	WA
0	Naphthalene	<1.0		µg/L	GE
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	118		µg/L	WA
0	Nitrate-nitrite as nitrogen	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	58	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Toluene	2.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	3,000		µg/L	GE
0	Total dissolved solids	7,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	5.5	J3V	µg/L	WA
0	Carbon-14	<2.0E-07		µCi/mL	TE
0	Carbon-14	<2.0E-07		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<8.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-226	<2.2E-10		µCi/mL	TM
0	Radium-226	1.2E-09 ± 1.1E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Trilium	<7.0E-07		µCi/mL	GE
0	Trilium	<4.6E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN

WELL QA 12A collected on 02/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN

WELL QA 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Turbidity: 0 NTU

Time: 11:06
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 18.0°C
Air temperature: 7.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.3	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Turbidity	<0.10		NTU	GE
0	Turbidity	0.29	JQ	NTU	WA
0	Acenaphthene	<11		µg/L	WA
0	Acenaphthylene	<11		µg/L	WA
0	Acetophenone	<10		µg/L	GE
0	Acetophenone	<11		µg/L	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Anthracene	<11		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Benzidine	<55		µg/L	WA
0	Benzo[a]anthracene	<11		µg/L	WA
0	Benzo[b]fluoranthene	<11		µg/L	WA
0	Benzo[k]fluoranthene	<11		µg/L	WA
0	Benzo[g,h,i]perylene	<11		µg/L	WA
0	Benzo[a]pyrene	<11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<11		µg/L	WA
0	Bis(2-chloroethyl) ether	<11		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<11		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoforn	<1.0		µg/L	GE
0	Bromoforn	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	4-Bromophenyl phenyl ether	<11		µg/L	WA
0	Butylbenzyl phthalate	<11		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	37	V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	4-Chloro-m-cresol	<11		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroforn	<1.0		µg/L	GE
0	Chloroforn	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	2-Chloronaphthalene	<11		µg/L	WA
0	2-Chlorophenol	<11		µg/L	WA
0	4-Chlorophenyl phenyl ether	<11		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chrysene	<11		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibenz[a,h]anthracene	<11		µg/L	WA
0	Dibenzofuran	<11		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	Di-n-butyl phthalate	<11		µg/L	WA
0	1,2-Dichlorobenzene	<11		µg/L	WA
0	1,3-Dichlorobenzene	<11		µg/L	WA
0	1,4-Dichlorobenzene	<11		µg/L	WA
0	3,3'-Dichlorobenzidine	<22		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 14A collected on 02/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenol	<11		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Diethyl phthalate	<11		µg/L	WA
0	2,4-Dimethyl phenol	<11		µg/L	WA
0	Dimethyl phthalate	<11		µg/L	WA
0	2,4-Dinitrophenol	<55		µg/L	WA
0	2,4-Dinitrotoluene	<11		µg/L	WA
0	2,6-Dinitrotoluene	<11		µg/L	WA
0	Di-n-octyl phthalate	<11		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoranthene	<11		µg/L	WA
0	Fluorene	<11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Hexachlorobenzene	<11		µg/L	WA
0	Hexachlorobutadiene	<11		µg/L	WA
0	Hexachlorocyclopentadiene	<11		µg/L	WA
0	Hexachloroethane	<11		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isophorone	<11		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	18	J3	µg/L	WA
0	Manganese	<2.0	J1	µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.57		µg/L	WA
0	2-Methyl-4,6-dinitrophenol	<55		µg/L	WA
0	Naphthalene	<10		µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate nitrite as nitrogen	<50		µg/L	GE
0	Nitrate nitrite as nitrogen	<50		µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<55		µg/L	WA
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	Pentachlorophenol	<55		µg/L	WA
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pyrene	<11		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10	J1	µg/L	GE
0	Sodium	74	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	2,000	V	µg/L	GE
0	Total dissolved solids	18,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE

WELL QA 14A collected on 02/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Tributyl phosphate	<10		µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	5.8	J3V	µg/L	WA
0	Carbon-14	<2.0E-07		µCi/mL	TE
0	Carbon-14	<2.0E-07		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<2.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<3.0E-10		µCi/mL	TM
0	Radium-226	<2.8E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.6E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN

WELL QA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 12:15
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 14.1°C
Air temperature: 13.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.5	JQ	pH	GE
0	pH	4.2	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	2.0		µS/cm	GF
0	Specific conductance	10	JQ	µS/cm	WA
0	Specific conductance	10	JQ	µS/cm	WA
0	Turbidity	<0.10		NTU	GE
0	Turbidity	<0.20	JQ	NTU	WA
0	Turbidity	<0.20	JQ	NTU	WA
0	Acetophenone	<10	J1	µg/L	GE
0	Acetophenone	<10	JQ1	µg/L	GE
0	Acetophenone	<11		µg/L	WA
0	Acetophenone	<12		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	17	J3	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 16A collected on 02/11/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0	JQ8	µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	2.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	GE
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropane	<1.0		µg/L	GE
0	cis-1,3-Dichloropropane	<5.0		µg/L	WA
0	trans-1,3-Dichloropropane	<1.0		µg/L	GE
0	trans-1,3-Dichloropropane	<5.0		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.12		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0	J1	µg/L	GE
0	Iron	4.4	J3V	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Naphthalene	<10	J1	µg/L	GE
0	Naphthalene	<10	JQ1	µg/L	GE
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	81		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	547		µg/L	GE
0	Silica	1,730		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	136	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.6		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	4,000	V	µg/L	GE
0	Total dissolved solids	15,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	WA
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Tributyl phosphate	<10	J1	µg/L	GE
0	Tributyl phosphate	<10	JQ1	µg/L	GE

WELL QA 16A collected on 02/11/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	8.0E-10 ± 8.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-228	<2.1E-10		µCi/mL	TM
0	Radium-228	1.7E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.3E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09	Y	µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09	Y	µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09	Y	µCi/mL	CN

WELL QA 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Turbidity: 0 NTU

Time: 11:59
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 18.6°C
Air temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.4	JQ	pH	GE
0	pH	4.7	JQ	pH	WA
0	Specific conductance	12		µS/cm	GE
0	Specific conductance	13	JQ	µS/cm	WA
0	Turbidity	<0.10	JQ	NTU	GE
0	Turbidity	0.23	JQ	NTU	WA
0	Acetophenone	<10		µg/L	GE
0	Acetophenone	<11		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	23	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 18A collected on 02/14/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0	J1	µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	2.4		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.57		µg/L	WA
0	Naphthalene	<10		µg/L	GE
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	21,600		µg/L	GE
0	Silica	17,800		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	1,480		µg/L	GE
0	Sodium	1,750	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	2.5		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	34,000	V	µg/L	GE
0	Total dissolved solids	34,000		µg/L	WA
0	Total dissolved solids	41,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	13		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.2E-10		µCi/mL	TM
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM

WELL QA 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 15 µS/cm
Turbidity: 0 NTU

Time: 15:21
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 19.6°C
Air temperature: 13.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.8	JQ	pH	GE
0	pH	5.3	JQ	pH	WA
0	Specific conductance	20		µS/cm	GE
0	Specific conductance	38	JQ	µS/cm	WA
0	Turbidity	<0.10	JQ	NTU	GE
0	Turbidity	0.27	JQ	NTU	WA
0	Acetophenone	<10	J1	µg/L	GE
0	Acetophenone	<11		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromofom	<1.0		µg/L	GE
0	Bromofom	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	19	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	700		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chlorofom	<1.0		µg/L	GE
0	Chlorofom	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0	JQ8	µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.2		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	143		µg/L	WA
0	Iron	<4.0	J1	µg/L	GE
0	Iron	4.2	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 20A collected on 02/14/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Methoxychlor	<0.58		µg/L	WA
0	Naphthalene	<10	J1	µg/L	GE
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	157		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	18,700		µg/L	GE
0	Silica	11,700		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	5,230		µg/L	GE
0	Sodium	9,390	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	2.8		µg/L	GE
0	Tin	<8.6		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	34,000	V	µg/L	GE
0	Total dissolved solids	57,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	5.3		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.59		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-08		µCi/mL	GE
0	Gross alpha	6.0E-10 ± 9.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.3E-10		µCi/mL	TM
0	Radium-228	<4.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.9E-07		µCi/mL	TM

WELL QA 22A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Turbidity: 0 NTU

Time: 17:53
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 17.8°C
Air temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.3	JQ	pH	GE
0	pH	5.0	JQ	pH	WA
0	pH	5.0	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	17	JQ	µS/cm	WA
0	Aluminum	20		µg/L	GE
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	GE

WELL QA 22A collected on 03/08/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.58		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	18,900		µg/L	GE
0	Silica	17,000		µg/L	GE
0	Silica	14,300		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	39		µg/L	GE
0	Sodium	39		µg/L	GE
0	Sodium	80	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	34,000		µg/L	GE
0	Total dissolved solids	9,000	JQ	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	3.0E-09 ± 8.0E-10		µCi/mL	GE
0	Nonvolatile beta	7.0E-10 ± 1.3E-09		µCi/mL	TM
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium-228	2.9E-09 ± 1.3E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM

WELL QA 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/03/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 8:55
pH: 8.5
Alkalinity: 1 mg/L
Water temperature: 15.4°C
Air temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.3	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	11	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 24A collected on 03/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<1.0		µg/L	GE
0	Calcium	<1.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	10	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	110		µg/L	WA
0	Nitrate-nitrite as nitrogen	80		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	386		µg/L	GE
0	Silica	388		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<24		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	9,000	V	µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE

WELL QA 24A collected on 03/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<6.0E-10		µCi/mL	TM
0	Radium-226	<2.5E-10		µCi/mL	TM
0	Radium-228	2.4E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.0E-07		µCi/mL	TM

WELL QA 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/02/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 13:13
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 12.0°C
Air temperature: 7.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.8	JQ	pH	GE
0	pH	5.8	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	11	J3V	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060	JQ6	µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	7.1	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050	JQ6	µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0	J1	µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Methoxychlor	<0.50	JQ6	µg/L	WA
0	Methoxychlor	<0.55		µg/L	GE
0	Nitrate as nitrogen	38		µg/L	WA
0	Nitrate as nitrogen	44		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	166		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	46	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	6,000	V	µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 26A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total phosphates (as P)	< 50		µg/L	GE
0	Total phosphates (as P)	75		µg/L	WA
0	Toxaphene	< 0.24	JQ8	µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.58		µg/L	WA
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 5.0E-10		µCi/mL	TM
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	1.4E-09 ± 1.5E-09		µCi/mL	TM
0	Radium-226	< 2.1E-10		µCi/mL	TM
0	Radium-228	1.1E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	< 1.0E-09		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.6E-07		µCi/mL	TM

WELL QA 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 18:33
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 18.2°C
Air temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7.2	JQ	pH	GE
0	pH	5.1	JQ	pH	WA
0	pH	5.1	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	20	J2	µg/L	GE
0	Aluminum	< 20		µg/L	WA
0	Arsenic	< 2.0		µg/L	GE
0	Arsenic	< 2.0		µg/L	WA
0	Barium	< 3.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Benzene	< 1.0		µg/L	GE
0	Benzene	< 5.0		µg/L	WA
0	Bromodichloromethane	< 1.0		µg/L	GE
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromofom	< 5.0		µg/L	GE
0	Bromofom	< 5.0		µg/L	WA
0	Bromomethane	< 1.0		µg/L	GE
0	Bromomethane	< 1.0		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 1.0		µg/L	WA
0	Calcium	< 10		µg/L	GE
0	Calcium	< 10		µg/L	WA
0	Carbon tetrachloride	< 1.0		µg/L	GE
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Chloride	< 250		µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chlorobenzene	< 1.0		µg/L	GE
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chloroethane	< 1.0		µg/L	GE
0	Chloroethane	< 1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	< 1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0		µg/L	WA
0	2-Chloroethyl vinyl ether	< 1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0		µg/L	WA
0	Chloroform	< 1.0		µg/L	GE
0	Chloroform	< 5.0		µg/L	WA
0	Chloromethane	< 1.0		µg/L	GE
0	Chloromethane	< 1.0		µg/L	WA
0	Chromium	< 4.0		µg/L	GE
0	Chromium	< 4.0		µg/L	WA
0	Copper	< 4.0		µg/L	GE
0	Copper	< 4.0		µg/L	WA
0	Dibromochloromethane	< 1.0		µg/L	GE
0	Dibromochloromethane	< 5.0		µg/L	WA
0	1,1-Dichloroethane	< 1.0		µg/L	GE
0	1,1-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 1.0		µg/L	GE
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 1.0		µg/L	GE
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	Dichloromethane	< 1.0		µg/L	GE
0	Dichloromethane	< 5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	JQ8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	WA
0	1,2-Dichloropropane	< 1.0		µg/L	GE
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 1.0		µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 1.0		µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	Endrin	< 0.0080	JQ8	µg/L	GE
0	Endrin	< 0.11		µg/L	WA

WELL QA 28A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Ethylbenzene	< 1.0		µg/L	GE
0	Ethylbenzene	< 5.0		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	7.5	J3	µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050	JQ8	µg/L	GE
0	Lindane	< 0.058		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 1.1		µg/L	WA
0	Manganese	< 2.0	J1	µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50	JQ8	µg/L	GE
0	Methoxychlor	< 0.58		µg/L	WA
0	Nitrate as nitrogen	41		µg/L	WA
0	Nitrate-nitrite as nitrogen	< 50		µg/L	GE
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0	J1	µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	< 100	J1	µg/L	GE
0	Silica	158		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	< 10		µg/L	GE
0	Sodium	59	J3V	µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Sulfate	< 1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	Tetrachloroethylene	< 1.0		µg/L	GE
0	Tetrachloroethylene	< 5.0		µg/L	WA
0	Toluene	< 1.0		µg/L	GE
0	Toluene	< 5.0		µg/L	WA
0	Total dissolved solids	2,000	V	µg/L	GE
0	Total dissolved solids	< 1,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total petroleum hydrocarbons	< 1,000		µg/L	GE
0	Total petroleum hydrocarbons	< 1,050		µg/L	WA
0	Total phosphates (as P)	< 50		µg/L	GE
0	Total phosphates (as P)	117		µg/L	WA
0	Toxaphene	< 0.24	JQ8	µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090	JQ8	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.55		µg/L	WA
0	1,1,1-Trichloroethane	< 1.0		µg/L	GE
0	1,1,1-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 1.0		µg/L	GE
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	Trichloroethylene	< 1.0		µg/L	GE
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 1.0		µg/L	GE
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 5.0E-10		µCi/mL	TM
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 7.0E-10		µCi/mL	TM
0	Radium-226	< 2.0E-10		µCi/mL	TM
0	Radium-228	1.1E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	< 1.0E-09		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.3E-07		µCi/mL	TM

WELL QA 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:51
pH: 8.1
Alkalinity: 1 mg/L
Water temperature: 18.0°C
Air temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Asbestos	< 0.14		MSL	SP
0	pH	5.9	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	pH	5.1	JQ	pH	WA
0	Priority pollutant dioxin screen		T	Y/N	GE
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	5.0		µS/cm	WA
0	Specific conductance	12	JQ	µS/cm	WA
0	Acenaphthene	< 10	J1	µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 24A collected on 03/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<1.0		µg/L	GE
0	Calcium	<1.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	10	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lindane	<0.0050		µg/L	WA
0	Lindane	<0.055		µg/L	GE
0	Magnesium	<2.0		µg/L	WA
0	Magnesium	<11		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Methoxychlor	<0.50		µg/L	WA
0	Methoxychlor	<0.55		µg/L	GE
0	Nitrate as nitrogen	110		µg/L	WA
0	Nitrate-nitrite as nitrogen	80		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	386		µg/L	GE
0	Silica	388		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<24		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	9,000	V	µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE

WELL QA 24A collected on 03/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<6.0E-10		µCi/mL	TM
0	Radium-226	<2.5E-10		µCi/mL	TM
0	Radium-228	2.4E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.0E-07		µCi/mL	TM

WELL QA 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/02/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 13:13
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 12.0°C
Air temperature: 7.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.9	JQ	pH	GE
0	pH	5.9	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	11	J3V	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060	JQ6	µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	7.1	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050	JQ6	µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11	J1	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20	JQ6	µg/L	GE
0	Methoxychlor	<0.50		µg/L	WA
0	Methoxychlor	<0.55		µg/L	GE
0	Nitrate as nitrogen	38		µg/L	WA
0	Nitrate as nitrogen	44		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	166		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	46	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	6,000	V	µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA

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SAMPLING BLANK RESULTS

WELL QA 26A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	75		µg/L	WA
0	Toxaphene	<0.24	JQ6	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<2.0E-09		µCi/mL	TM
0	Gross alpha	<5.0E-10		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	TM
0	Nonvolatile beta	1.4E-09 ± 1.5E-09		µCi/mL	GE
0	Radium-226	<2.1E-10		µCi/mL	TM
0	Radium-228	1.1E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.6E-07		µCi/mL	TM

WELL QA 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 18:33
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 18.2°C
Air temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7.2	JQ	pH	GE
0	pH	5.1	JQ	pH	WA
0	pH	5.1	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	1.0		µS/cm	WA
0	Specific conductance	12	JQ	µS/cm	WA
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	20	J2	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060	JQ6	µg/L	GE
0	Endrin	<0.11		µg/L	WA

WELL QA 28A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0	J3	µg/L	GE
0	Iron	7.5		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050	JQ6	µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Magnesium	<2.0	J1	µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Methoxychlor	<0.50	JQ6	µg/L	WA
0	Methoxychlor	<0.58		µg/L	GE
0	Nitrate as nitrogen	41		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0	J1	µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Silica	<100	J1	µg/L	WA
0	Silica	158		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Sodium	<10		µg/L	WA
0	Sodium	59	J3V	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	GE
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	GE
0	Toluene	<1.0		µg/L	WA
0	Toluene	<5.0		µg/L	GE
0	Total dissolved solids	2,000	V	µg/L	WA
0	Total dissolved solids	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total petroleum hydrocarbons	<1,000		µg/L	WA
0	Total petroleum hydrocarbons	<1,050		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	117		µg/L	GE
0	Toxaphene	<0.24	JQ6	µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	JQ6	µg/L	WA
0	2,4,5-TP (Silvex)	<0.55		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	GE
0	1,1,2-Trichloroethane	<1.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	GE
0	Trichlorofluoromethane	<1.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	GE
0	Gross alpha	<2.0E-09		µCi/mL	WA
0	Gross alpha	<5.0E-10		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	WA
0	Nonvolatile beta	<7.0E-10		µCi/mL	GE
0	Radium-226	<2.0E-10		µCi/mL	WA
0	Radium-228	1.1E-09 ± 9.0E-10		µCi/mL	GE
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	WA
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.3E-07		µCi/mL	WA

WELL QA 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:51
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 18.0°C
Air temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	Asbestos	<0.14		MSL	SP
0	pH	5.8	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	pH	5.1	JQ	pH	WA
0	Priority pollutant dioxin screen		T	Y/N	GE
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	5.0		µS/cm	WA
0	Specific conductance	12	JQ	µS/cm	WA
0	Acenaphthene	<10	J1	µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 30A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Acenaphthene	<12		µg/L	WA
0	Acenaphthylene	<10	J1	µg/L	GE
0	Acenaphthylene	<12		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Aldrin	<0.25	JQ8	µg/L	WA
0	Aldrin	<0.058		µg/L	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Anthracene	<10	J1	µg/L	GE
0	Anthracene	<12		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	alpha-Benzene hexachloride	<0.25	JQ8	µg/L	GE
0	alpha-Benzene hexachloride	<0.058		µg/L	WA
0	beta-Benzene hexachloride	<0.25	JQ6	µg/L	GE
0	beta-Benzene hexachloride	<0.058		µg/L	WA
0	delta-Benzene hexachloride	<0.25	JQ8	µg/L	GE
0	delta-Benzene hexachloride	<0.058		µg/L	WA
0	Benidine	<10	J1	µg/L	GE
0	Benidine	<60		µg/L	WA
0	Benzo[a]anthracene	<10	J1	µg/L	GE
0	Benzo[a]anthracene	<12		µg/L	WA
0	Benzo[b]fluoranthene	<10	J1	µg/L	GE
0	Benzo[b]fluoranthene	<12		µg/L	WA
0	Benzo[k]fluoranthene	<10	J1	µg/L	GE
0	Benzo[k]fluoranthene	<12		µg/L	WA
0	Benzo[g,h,i]perylene	<10		µg/L	GE
0	Benzo[g,h,i]perylene	<12	J1	µg/L	WA
0	Benzo[a]pyrene	<10		µg/L	GE
0	Benzo[a]pyrene	<12	J1	µg/L	WA
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10	J1	µg/L	GE
0	Bis(2-chloroethoxy) methane	<12		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10	J1	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<12		µg/L	WA
0	Bis(2-chloroethyl) ether	<10	J1	µg/L	GE
0	Bis(2-chloroethyl) ether	<12		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<10	J1	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<12		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	4-Bromophenyl phenyl ether	<10	J1	µg/L	GE
0	4-Bromophenyl phenyl ether	<12		µg/L	WA
0	Butylbenzyl phthalate	<10	J1	µg/L	GE
0	Butylbenzyl phthalate	<12		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	12	J3	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chlordane	<2.5	JQ8	µg/L	GE
0	Chlordane	<0.575		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	4-Chloro-m-cresol	<10	JQ6	µg/L	GE
0	4-Chloro-m-cresol	<12		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	2-Chloronaphthalene	<10	J1	µg/L	GE
0	2-Chloronaphthalene	<12		µg/L	WA
0	2-Chlorophenol	<10	JQ6	µg/L	GE
0	2-Chlorophenol	<12		µg/L	WA
0	4-Chlorophenyl phenyl ether	<10	J1	µg/L	GE
0	4-Chlorophenyl phenyl ether	<12		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chrysene	<10	J1	µg/L	GE
0	Chrysene	<12		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	p,p'-DDD	<0.50	JQ8	µg/L	GE
0	p,p'-DDD	<0.11		µg/L	WA

WELL QA 30A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	p,p'-DDE	<0.50	JQ8	µg/L	GE
0	p,p'-DDE	<0.11		µg/L	WA
0	p,p'-DDT	<0.50	JQ8	µg/L	GE
0	p,p'-DDT	<0.11		µg/L	WA
0	Dibenz[a,h]anthracene	<10	J1	µg/L	GE
0	Dibenz[a,h]anthracene	<12		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	Di-n-butyl phthalate	<10	J1	µg/L	GE
0	Di-n-butyl phthalate	<12		µg/L	WA
0	1,2-Dichlorobenzene	<1.0		µg/L	GE
0	1,2-Dichlorobenzene	<5.0		µg/L	WA
0	1,3-Dichlorobenzene	<1.0		µg/L	GE
0	1,3-Dichlorobenzene	<5.0		µg/L	WA
0	1,4-Dichlorobenzene	<1.0		µg/L	GE
0	1,4-Dichlorobenzene	<5.0		µg/L	WA
0	3,3'-Dichlorobenzidine	<10	J1	µg/L	GE
0	3,3'-Dichlorobenzidine	<24		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenol	<10	JQ8	µg/L	GE
0	2,4-Dichlorophenol	<12		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.2		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Dieldrin	<2.5	JQ8	µg/L	GE
0	Dieldrin	<0.11		µg/L	WA
0	Diethyl phthalate	<10	J1	µg/L	GE
0	Diethyl phthalate	<12		µg/L	WA
0	2,4-Dimethyl phenol	<10	JQ8	µg/L	GE
0	2,4-Dimethyl phenol	<12		µg/L	WA
0	Dimethyl phthalate	<10	J1	µg/L	GE
0	Dimethyl phthalate	<12		µg/L	WA
0	2,4-Dinitrophenol	<45	JQ8	µg/L	GE
0	2,4-Dinitrophenol	<60		µg/L	WA
0	2,4-Dinitrotoluene	<10	J1	µg/L	GE
0	2,4-Dinitrotoluene	<12		µg/L	WA
0	2,6-Dinitrotoluene	<10	J1	µg/L	GE
0	2,6-Dinitrotoluene	<12		µg/L	WA
0	Di-n-octyl phthalate	<10	J1	µg/L	GE
0	Di-n-octyl phthalate	<12		µg/L	WA
0	1,2-Diphenylhydrazine	<10	J1	µg/L	GE
0	1,2-Diphenylhydrazine	<12		µg/L	WA
0	Endosulfan I	<0.50	JQ8	µg/L	GE
0	Endosulfan I	<0.058		µg/L	WA
0	Endosulfan II	<0.50	JQ8	µg/L	GE
0	Endosulfan II	<0.11		µg/L	WA
0	Endosulfan sulfate	<0.50	JQ8	µg/L	GE
0	Endosulfan sulfate	<0.11		µg/L	WA
0	Endrin	<0.030	JQ8	µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Endrin aldehyde	<0.50	JQ8	µg/L	GE
0	Endrin aldehyde	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoranthene	<10	J1	µg/L	GE
0	Fluoranthene	<12		µg/L	WA
0	Fluorene	<10	J1	µg/L	GE
0	Fluorene	<12		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Heptachlor	<0.25	JQ8	µg/L	GE
0	Heptachlor	<0.058		µg/L	WA
0	Heptachlor epoxide	<0.25	JQ8	µg/L	GE
0	Heptachlor epoxide	<0.058		µg/L	WA
0	Hexachlorobenzene	<10	J1	µg/L	GE
0	Hexachlorobenzene	<12		µg/L	WA
0	Hexachlorobutadiene	<10	J1	µg/L	GE
0	Hexachlorobutadiene	<12		µg/L	WA
0	Hexachlorocyclopentadiene	<10	J1	µg/L	GE
0	Hexachlorocyclopentadiene	<12		µg/L	WA
0	Hexachlorodibenzo-p-dioxins	<0.00060		µg/L	WA
0	Hexachlorodibenzo-p-furans	<0.00040		µg/L	WA
0	Hexachloroethane	<10	J1	µg/L	GE
0	Hexachloroethane	<12		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<10	J1	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<12		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isophorone	<10	J1	µg/L	GE
0	Isophorone	<12		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.025	JQ8	µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	2.8		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 30A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0	J1	µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<2.5	JQ8	µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<80		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<10	JQ8	µg/L	GE
0	Naphthalene	<10	J1	µg/L	GE
0	Naphthalene	<12		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	150		µg/L	WA
0	Nitrate as nitrogen	147		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrite as nitrogen	<10	JQ8	µg/L	GE
0	Nitrite as nitrogen	17	JQ	µg/L	WA
0	Nitrobenzene	<10	J1	µg/L	GE
0	Nitrobenzene	<12		µg/L	WA
0	2-Nitrophenol	<10	JQ8	µg/L	GE
0	2-Nitrophenol	<12		µg/L	WA
0	4-Nitrophenol	<10	JQ8	µg/L	GE
0	4-Nitrophenol	<60		µg/L	WA
0	N-Nitrosodimethylamine	<10	J1	µg/L	GE
0	N-Nitrosodimethylamine	<12		µg/L	WA
0	N-Nitrosodiphenylamine	<10	J1	µg/L	GE
0	N-Nitrosodiphenylamine	<12		µg/L	WA
0	N-Nitrosodipropylamine	<10	J1	µg/L	GE
0	N-Nitrosodipropylamine	<12		µg/L	WA
0	PCB 1018	<2.5	JQ8	µg/L	GE
0	PCB 1018	<0.58		µg/L	WA
0	PCB 1221	<2.5	JQ8	µg/L	GE
0	PCB 1221	<0.58		µg/L	WA
0	PCB 1232	<2.5	JQ8	µg/L	GE
0	PCB 1232	<0.58		µg/L	WA
0	PCB 1242	<2.5	JQ8	µg/L	GE
0	PCB 1242	<0.58		µg/L	WA
0	PCB 1248	<2.5	JQ8	µg/L	GE
0	PCB 1248	<0.58		µg/L	WA
0	PCB 1254	<2.5	JQ8	µg/L	GE
0	PCB 1254	<1.1		µg/L	WA
0	PCB 1280	<2.5	JQ8	µg/L	GE
0	PCB 1280	<1.1		µg/L	WA
0	Pentachlorodibenzo-p-dioxins	<0.0017		µg/L	WA
0	Pentachlorodibenzo-p-furans	<0.00080		µg/L	WA
0	Pentachlorophenol	<10	JQ8	µg/L	GE
0	Pentachlorophenol	<60		µg/L	WA
0	Phenanthrene	<10	J1	µg/L	GE
0	Phenanthrene	<12		µg/L	WA
0	Phenol	<12	JQ8	µg/L	GE
0	Phenol	<12		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pyrene	<10	J1	µg/L	GE
0	Pyrene	<12		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100	J1	µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	38	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	WA
0	2,3,7,8-TCDD	<0.0012		µg/L	WA
0	Tetrachlorodibenzo-p-dioxins	<0.0012		µg/L	WA
0	Tetrachlorodibenzo-p-furans	<0.00070		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	1,000	V	µg/L	GE
0	Total dissolved solids	5,000	V	µg/L	WA
0	Total dissolved solids	5,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	347		µg/L	WA
0	Toxaphene	<1.2	JQ8	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ8	µg/L	GE
0	2,4,5-TP (Silvex)	<0.59		µg/L	WA
0	1,2,4-Trichlorobenzene	<10	J1	µg/L	GE
0	1,2,4-Trichlorobenzene	<12		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA

WELL QA 30A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	2,4,6-Trichlorophenol	<10	JQ8	µg/L	GE
0	2,4,6-Trichlorophenol	<12		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	5.2	J3V	µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<1.3E-10		µCi/mL	TM
0	Radium-226	5.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	1.8E-06 ± 3.7E-06		µCi/mL	TM

WELL QA 32A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:21
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 15.2°C
Air temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.1	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	3.0		µS/cm	GE
0	Specific conductance	1.0	JQ	µS/cm	WA
0	Specific conductance	1.0	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0	J1	µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Dissolved organic carbon	<1,000		µg/L	GE
0	Dissolved organic carbon	<1,000		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 32A collected on 03/05/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.056		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<1.1		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	875		µg/L	GE
0	Silica	824		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<24		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfide	<1,000		µg/L	GE
0	Sulfide	<1,000		µg/L	WA
0	Sulfide	<1,000		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	10,000	V	µg/L	GE
0	Total dissolved solids	14,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total petroleum hydrocarbons	<1,000		µg/L	GE
0	Total petroleum hydrocarbons	<1,020		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<3.0E-10		µCi/mL	TM
0	Radium 226	<2.7E-10		µCi/mL	TM
0	Radium 228	6.0E-10 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 12:14
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 14.6°C
Air temperature: 15.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.4	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	19	JQ	µS/cm	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE

WELL QA 34A collected on 03/01/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060	JQ8	µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050	JQ8	µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<1.1		µg/L	WA
0	Manganese	<2.0	J1	µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50	JQ8	µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100	J1	µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	80	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	4,000	V	µg/L	GE
0	Total dissolved solids	3,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24	JQ8	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium 226	<2.2E-10		µCi/mL	TM
0	Radium 228	3.0E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.4E-07		µCi/mL	TM

WELL QA 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Turbidity: 0 NTU

Time: 17:47
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 19.0°C
Air temperature: 15.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	8.0		µS/cm	GE
0	Specific conductance	17	JQ	µS/cm	WA
0	Acenaphthene	<10		µg/L	GE
0	Acenaphthene	<11		µg/L	WA
0	Acenaphthene	<11		µg/L	WA
0	Acenaphthylene	<10		µg/L	GE
0	Acenaphthylene	<11		µg/L	WA
0	Acenaphthylene	<11		µg/L	WA
0	Acetone	<100		µg/L	GE
0	Acetone	<10		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acetophenone	<10		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 36A collected on 03/18/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Acetophenone	<11		µg/L	WA
0	Acetophenone	<11		µg/L	WA
0	2-Acetylaminofluorene	<10		µg/L	GE
0	2-Acetylaminofluorene	<11		µg/L	WA
0	2-Acetylaminofluorene	<11		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Aldrin	<0.050		µg/L	GE
0	Aldrin	<0.050		µg/L	WA
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Aluminum	<20		µg/L	WA
0	4-Aminobiphenyl	<10		µg/L	GE
0	4-Aminobiphenyl	<11		µg/L	WA
0	4-Aminobiphenyl	<11		µg/L	WA
0	4-Aminobiphenyl	<11		µg/L	WA
0	Aniline	<10		µg/L	GE
0	Aniline	<11		µg/L	WA
0	Aniline	<11		µg/L	WA
0	Anthracene	<10		µg/L	GE
0	Anthracene	<11		µg/L	WA
0	Anthracene	<11		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Aramite	<10		µg/L	GE
0	Aramite	<22		µg/L	WA
0	Aramite	<22		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	alpha-Benzene hexachloride	<0.050		µg/L	GE
0	alpha-Benzene hexachloride	<0.055		µg/L	WA
0	beta-Benzene hexachloride	<0.050		µg/L	GE
0	beta-Benzene hexachloride	<0.055		µg/L	WA
0	delta-Benzene hexachloride	<0.050		µg/L	GE
0	delta-Benzene hexachloride	<0.055		µg/L	WA
0	Benzo[a]anthracene	<10		µg/L	GE
0	Benzo[a]anthracene	<11		µg/L	WA
0	Benzo[a]anthracene	<11		µg/L	WA
0	Benzo[b]fluoranthene	<10		µg/L	GE
0	Benzo[b]fluoranthene	<11		µg/L	WA
0	Benzo[b]fluoranthene	<11		µg/L	WA
0	Benzo[k]fluoranthene	<10		µg/L	GE
0	Benzo[k]fluoranthene	<11		µg/L	WA
0	Benzo[k]fluoranthene	<11		µg/L	WA
0	Benzoic acid	<10		µg/L	GE
0	Benzo[g,h,i]perylene	<10		µg/L	GE
0	Benzo[g,h,i]perylene	<11		µg/L	WA
0	Benzo[g,h,i]perylene	<11		µg/L	WA
0	Benzo[a]pyrene	<10		µg/L	GE
0	Benzo[a]pyrene	<11		µg/L	WA
0	Benzo[a]pyrene	<11		µg/L	WA
0	Benzyl alcohol	<10		µg/L	GE
0	Benzyl alcohol	<11		µg/L	WA
0	Benzyl alcohol	<11		µg/L	WA
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	GE
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA
0	Bis(2-chloroethyl) ether	<10		µg/L	GE
0	Bis(2-chloroethyl) ether	<11		µg/L	WA
0	Bis(2-chloroethyl) ether	<11		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10		µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<11		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<11		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoforn	<1.0		µg/L	GE
0	Bromoforn	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	4-Bromophenyl phenyl ether	<10		µg/L	GE
0	4-Bromophenyl phenyl ether	<11		µg/L	WA
0	4-Bromophenyl phenyl ether	<11		µg/L	WA
0	Butylbenzyl phthalate	<10		µg/L	GE
0	Butylbenzyl phthalate	<11		µg/L	WA
0	Butylbenzyl phthalate	<11		µg/L	WA
0	2-sec-Butyl-4,6-dinitrophenol	<10		µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<55		µg/L	WA
0	2-sec-Butyl-4,6-dinitrophenol	<55		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	GE
0	Calcium	21	J3	µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA

WELL QA 36A collected on 03/18/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chlordane	<0.50		µg/L	GE
0	Chlordane	<0.55		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	4-Chloroaniline	<10		µg/L	GE
0	4-Chloroaniline	<11		µg/L	WA
0	4-Chloroaniline	<11		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chlorobenzilate	<10		µg/L	GE
0	Chlorobenzilate	<11		µg/L	WA
0	Chlorobenzilate	<11		µg/L	WA
0	4-Chloro-m-cresol	<10		µg/L	GE
0	4-Chloro-m-cresol	<11		µg/L	WA
0	4-Chloro-m-cresol	<11		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	2-Chloroethyl vinyl ether	<10		µg/L	GE
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	2-Chloronaphthalene	<10		µg/L	GE
0	2-Chloronaphthalene	<11		µg/L	WA
0	2-Chloronaphthalene	<11		µg/L	WA
0	2-Chlorophenol	<10		µg/L	GE
0	2-Chlorophenol	<11		µg/L	WA
0	2-Chlorophenol	<11		µg/L	WA
0	4-Chlorophenyl phenyl ether	<10		µg/L	GE
0	4-Chlorophenyl phenyl ether	<11		µg/L	WA
0	4-Chlorophenyl phenyl ether	<11		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chrysene	<10		µg/L	GE
0	Chrysene	<11		µg/L	WA
0	Chrysene	<11		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	WA
0	o-Cresol (2-Methylphenol)	<10		µg/L	GE
0	o-Cresol (2-Methylphenol)	<11		µg/L	WA
0	o-Cresol (2-Methylphenol)	<11		µg/L	WA
0	m-Cresol (3-Methylphenol)	<10		µg/L	GE
0	m-Cresol (3-Methylphenol)	<11		µg/L	WA
0	m-Cresol (3-Methylphenol)	<11		µg/L	WA
0	p-Cresol (4-Methylphenol)	<10		µg/L	GE
0	p-Cresol (4-Methylphenol)	<11		µg/L	WA
0	p-Cresol (4-Methylphenol)	<11		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	p,p'-DDD	<0.10		µg/L	GE
0	p,p'-DDD	<0.11		µg/L	WA
0	p,p'-DDE	<0.10		µg/L	GE
0	p,p'-DDE	<0.11		µg/L	WA
0	p,p'-DDT	<0.10		µg/L	GE
0	p,p'-DDT	<0.11		µg/L	WA
0	Diallate	<10		µg/L	GE
0	Diallate	<11		µg/L	WA
0	Diallate	<11		µg/L	WA
0	Dibenz[a,h]anthracene	<10		µg/L	GE
0	Dibenz[a,h]anthracene	<11		µg/L	WA
0	Dibenz[a,h]anthracene	<11		µg/L	WA
0	Dibenzofuran	<10		µg/L	GE
0	Dibenzofuran	<11		µg/L	WA
0	Dibenzofuran	<11		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<10		µg/L	WA
0	Dibromomethane	<10		µg/L	WA
0	Di-n-butyl phthalate	<10		µg/L	GE
0	Di-n-butyl phthalate	<11		µg/L	WA
0	Di-n-butyl phthalate	<11		µg/L	WA
0	1,2-Dichlorobenzene	<10		µg/L	GE
0	1,2-Dichlorobenzene	<11		µg/L	WA
0	1,2-Dichlorobenzene	<11		µg/L	WA
0	1,3-Dichlorobenzene	<10		µg/L	GE
0	1,3-Dichlorobenzene	<11		µg/L	WA
0	1,3-Dichlorobenzene	<11		µg/L	WA
0	1,4-Dichlorobenzene	<10		µg/L	GE
0	1,4-Dichlorobenzene	<11		µg/L	WA
0	1,4-Dichlorobenzene	<11		µg/L	WA
0	3,3'-Dichlorobenzidine	<10		µg/L	GE
0	3,3'-Dichlorobenzidine	<22		µg/L	WA
0	3,3'-Dichlorobenzidine	<22		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	Dichlorodifluoromethane	<10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 38A collected on 03/18/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenol	<10		µg/L	GE
0	2,4-Dichlorophenol	<11		µg/L	WA
0	2,6-Dichlorophenol	<11		µg/L	GE
0	2,6-Dichlorophenol	<11		µg/L	WA
0	2,6-Dichlorophenol	<11		µg/L	GE
0	2,6-Dichlorophenol	<11		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<2.2		µg/L	GE
0	1,2-Dichloropropane	<1.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	GE
0	cis-1,3-Dichloropropene	<1.0		µg/L	WA
0	cis-1,3-Dichloropropene	<5.0		µg/L	GE
0	trans-1,3-Dichloropropene	<1.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	GE
0	Dieldrin	<0.50		µg/L	WA
0	Dieldrin	<0.11		µg/L	GE
0	Diethyl phthalate	<10		µg/L	WA
0	Diethyl phthalate	<11		µg/L	GE
0	Diethyl phthalate	<11		µg/L	WA
0	Dimethoate	<10		µg/L	GE
0	2,4-Dimethyl phenol	<10		µg/L	WA
0	2,4-Dimethyl phenol	<11		µg/L	GE
0	2,4-Dimethyl phenol	<11		µg/L	WA
0	Dimethyl phthalate	<10		µg/L	GE
0	Dimethyl phthalate	<11		µg/L	WA
0	Dimethyl phthalate	<11		µg/L	GE
0	p-Dimethylaminoazobenzene	<10		µg/L	WA
0	p-Dimethylaminoazobenzene	<11		µg/L	GE
0	p-Dimethylaminoazobenzene	<11		µg/L	WA
0	Dimethylbenz[a]anthracene	<10		µg/L	GE
0	Dimethylbenz[a]anthracene	<11		µg/L	WA
0	3,3'-Dimethylbenzidine	<10		µg/L	GE
0	3,3'-Dimethylbenzidine	<11		µg/L	WA
0	3,3'-Dimethylbenzidine	<11		µg/L	GE
0	a,a-Dimethylphenethylamine	<10		µg/L	WA
0	a,a-Dimethylphenethylamine	<11		µg/L	GE
0	a,a-Dimethylphenethylamine	<11		µg/L	WA
0	1,3-Dinitrobenzene	<10		µg/L	GE
0	1,3-Dinitrobenzene	<11		µg/L	WA
0	1,3-Dinitrobenzene	<11		µg/L	GE
0	2,4-Dinitrophenol	<45		µg/L	WA
0	2,4-Dinitrophenol	<55		µg/L	GE
0	2,4-Dinitrophenol	<55		µg/L	WA
0	2,4-Dinitrotoluene	<10		µg/L	GE
0	2,4-Dinitrotoluene	<11		µg/L	WA
0	2,4-Dinitrotoluene	<11		µg/L	GE
0	2,6-Dinitrotoluene	<10		µg/L	WA
0	2,6-Dinitrotoluene	<11		µg/L	GE
0	2,6-Dinitrotoluene	<11		µg/L	WA
0	Di-n-octyl phthalate	<10		µg/L	GE
0	Di-n-octyl phthalate	<11		µg/L	WA
0	Di-n-octyl phthalate	<11		µg/L	GE
0	1,4-Dioxane	<10		µg/L	WA
0	1,4-Dioxane	<11		µg/L	GE
0	1,4-Dioxane	<11		µg/L	WA
0	Diphenylamine	<10		µg/L	GE
0	Diphenylamine	<11		µg/L	WA
0	Diphenylamine	<11		µg/L	GE
0	Disulfoton	<10		µg/L	WA
0	Endosulfan I	<0.10		µg/L	GE
0	Endosulfan I	<0.055		µg/L	WA
0	Endosulfan II	<0.10		µg/L	GE
0	Endosulfan II	<0.11		µg/L	WA
0	Endosulfan sulfate	<0.10		µg/L	GE
0	Endosulfan sulfate	<0.11		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Endrin aldehyde	<0.10		µg/L	GE
0	Endrin aldehyde	<0.11		µg/L	WA
0	Ethyl methacrylate	<10		µg/L	GE
0	Ethyl methacrylate	<11		µg/L	WA
0	Ethyl methacrylate	<11		µg/L	GE
0	Ethyl methanesulfonate	<10		µg/L	WA
0	Ethyl methanesulfonate	<11		µg/L	GE
0	Ethyl methanesulfonate	<11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fenopur	<10		µg/L	GE
0	Fluoranthene	<10		µg/L	WA
0	Fluoranthene	<11		µg/L	GE
0	Fluoranthene	<11		µg/L	WA
0	Fluorene	<10		µg/L	GE
0	Fluorene	<11		µg/L	WA
0	Fluorene	<11		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Heptachlor	<0.050		µg/L	WA
0	Heptachlor	<0.055		µg/L	GE

WELL QA 33A collected on 03/18/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Heptachlor epoxide	<0.050		µg/L	GE
0	Heptachlor epoxide	<0.055		µg/L	WA
0	1,2,3,4,6,7,8-HPCDD	<0.00065		µg/L	GE
0	Heptachlorodibenzo-p-dioxins	<0.00065		µg/L	WA
0	1,2,3,4,6,7,8-HPCDF	<0.00045		µg/L	GE
0	Heptachlorodibenzo-p-furans	<0.00045		µg/L	WA
0	Hexachlorobenzene	<10		µg/L	GE
0	Hexachlorobenzene	<11		µg/L	WA
0	Hexachlorobenzene	<11		µg/L	GE
0	Hexachlorobutadiene	<10		µg/L	WA
0	Hexachlorobutadiene	<11		µg/L	GE
0	Hexachlorobutadiene	<11		µg/L	WA
0	Hexachlorocyclopentadiene	<10		µg/L	GE
0	Hexachlorocyclopentadiene	<11		µg/L	WA
0	Hexachlorocyclopentadiene	<11		µg/L	GE
0	1,2,3,4,7,8-HxCDD	<0.00045		µg/L	WA
0	Hexachlorodibenzo-p-dioxins	<0.00045		µg/L	GE
0	Hexachlorodibenzo-p-dioxins	<0.00060		µg/L	WA
0	1,2,3,4,7,8-HxCDF	<0.00040		µg/L	GE
0	Hexachlorodibenzo-p-furans	<0.00040		µg/L	WA
0	Hexachlorodibenzo-p-furans	<0.00060		µg/L	GE
0	Hexachloroethane	<10		µg/L	WA
0	Hexachloroethane	<11		µg/L	GE
0	Hexachloroethane	<11		µg/L	WA
0	Hexachlorophene	<10		µg/L	GE
0	Hexachlorophene	<88		µg/L	WA
0	Hexachlorophene	<88		µg/L	GE
0	Hexachlorophene	<10		µg/L	WA
0	Hexachlorophene	<11		µg/L	GE
0	Hexachlorophene	<11		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<10		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<10		µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	GE
0	Iodomethane (Methyl iodide)	<15		µg/L	WA
0	Iodomethane (Methyl iodide)	<10		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Isodrin	<10		µg/L	GE
0	Isodrin	<0.11		µg/L	WA
0	Isophorone	<10		µg/L	GE
0	Isophorone	<11		µg/L	WA
0	Isophorone	<11		µg/L	GE
0	Isosafrole	<10		µg/L	WA
0	Isosafrole	<11		µg/L	GE
0	Isosafrole	<11		µg/L	WA
0	Kepone	<10		µg/L	GE
0	Kepone	<0.11		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	WA
0	Magnesium	<11		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methacrylonitrile	<10		µg/L	GE
0	Methacrylonitrile	<11		µg/L	WA
0	Methacrylonitrile	<11		µg/L	GE
0	Methoxychlor	<0.50		µg/L	WA
0	Methoxychlor	<0.55		µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<55		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<55		µg/L	GE
0	2-Methyl-4,8-dinitrophenol	<10		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Methyl methacrylate	<10		µg/L	GE
0	Methyl methacrylate	<11		µg/L	WA
0	Methyl methacrylate	<11		µg/L	GE
0	Methyl methanesulfonate	<10		µg/L	WA
0	Methyl methanesulfonate	<11		µg/L	GE
0	Methyl methanesulfonate	<11		µg/L	WA
0	3-Methylcholanthrene	<10		µg/L	GE
0	3-Methylcholanthrene	<11		µg/L	WA
0	3-Methylcholanthrene	<11		µg/L	GE
0	2-Methylnaphthalene	<10		µg/L	WA
0	2-Methylnaphthalene	<11		µg/L	GE
0	2-Methylnaphthalene	<11		µg/L	WA
0	Naphthalene	<10		µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	Naphthalene	<11		µg/L	GE
0	1,4-Naphthoquinone	<10		µg/L	WA
0	1,4-Naphthoquinone	<11		µg/L	GE
0	1,4-Naphthoquinone	<11		µg/L	WA
0	1-Naphthylamine	<10		µg/L	GE
0	1-Naphthylamine	<11		µg/L	WA
0	1-Naphthylamine	<11		µg/L	GE
0	2-Naphthylamine	<10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 36A collected on 03/18/93, laboratory analyses (cont)

F	Analyte	Result	Mod	Unit	Lab
0	2-Naphthylamine	<11		µg/L	WA
0	2-Naphthylamine	<11		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	o-Nitroaniline	<10		µg/L	GE
0	o-Nitroaniline	<55		µg/L	WA
0	o-Nitroaniline	<55		µg/L	WA
0	m-Nitroaniline	<10		µg/L	GE
0	m-Nitroaniline	<55		µg/L	WA
0	m-Nitroaniline	<55		µg/L	WA
0	p-Nitroaniline	<10		µg/L	GE
0	p-Nitroaniline	<55		µg/L	WA
0	p-Nitroaniline	<55		µg/L	WA
0	Nitrobenzene	<10		µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10		µg/L	GE
0	2-Nitrophenol	<11		µg/L	WA
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<10		µg/L	GE
0	4-Nitrophenol	<55		µg/L	WA
0	4-Nitrophenol	<55		µg/L	WA
0	4-Nitroquinoline 1-oxide	<10		µg/L	GE
0	4-Nitroquinoline 1-oxide	<22		µg/L	WA
0	4-Nitroquinoline 1-oxide	<22		µg/L	WA
0	N-Nitrosodi-n-butylamine	<10		µg/L	GE
0	N-Nitrosodi-n-butylamine	<11		µg/L	WA
0	N-Nitrosodi-n-butylamine	<11		µg/L	WA
0	N-Nitrosodiethylaniline	<10		µg/L	GE
0	N-Nitrosodiethylaniline	<11		µg/L	WA
0	N-Nitrosodiethylaniline	<11		µg/L	WA
0	N-Nitrosodimethylamine	<10		µg/L	GE
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10		µg/L	GE
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10		µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	N-Nitrosomethylethylaniline	<10		µg/L	GE
0	N-Nitrosomethylethylaniline	<11		µg/L	WA
0	N-Nitrosomethylethylaniline	<11		µg/L	WA
0	N-Nitrosomorpholine	<10		µg/L	GE
0	N-Nitrosomorpholine	<11		µg/L	WA
0	N-Nitrosomorpholine	<11		µg/L	WA
0	N-Nitrosopiperidine	<10		µg/L	GE
0	N-Nitrosopiperidine	<55		µg/L	WA
0	N-Nitrosopiperidine	<55		µg/L	WA
0	N-Nitrosopyrrolidine	<10		µg/L	GE
0	N-Nitrosopyrrolidine	<11		µg/L	WA
0	N-Nitrosopyrrolidine	<11		µg/L	WA
0	5-Nitro-o-toluidine	<10		µg/L	GE
0	5-Nitro-o-toluidine	<11		µg/L	WA
0	5-Nitro-o-toluidine	<11		µg/L	WA
0	O,O,O-Triethyl phosphorothioate	<10		µg/L	GE
0	Octachlorodibenzo-p-dioxins	<0.0010		µg/L	GE
0	Octachlorodibenzo-p-furans	<0.0010		µg/L	GE
0	Parathion methyl	<0.050		µg/L	GE
0	PCB 1016	<0.50		µg/L	GE
0	PCB 1016	<0.55		µg/L	WA
0	PCB 1221	<0.50		µg/L	GE
0	PCB 1221	<0.55		µg/L	WA
0	PCB 1232	<0.50		µg/L	GE
0	PCB 1232	<0.55		µg/L	WA
0	PCB 1242	<0.50		µg/L	GE
0	PCB 1242	<0.55		µg/L	WA
0	PCB 1248	<0.50		µg/L	GE
0	PCB 1248	<0.55		µg/L	WA
0	PCB 1254	<0.50		µg/L	GE
0	PCB 1254	<1.1		µg/L	WA
0	PCB 1260	<0.50		µg/L	GE
0	PCB 1260	<1.1		µg/L	WA
0	Pentachlorobenzene	<10		µg/L	GE
0	Pentachlorobenzene	<11		µg/L	WA
0	Pentachlorobenzene	<11		µg/L	WA
0	1,2,3,7,8-PCDD	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.0014		µg/L	WA
0	Pentachlorodibenzo-p-furans	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-furans	<0.0012		µg/L	WA
0	1,2,3,7,8-PCDF	<0.00055		µg/L	GE
0	Pentachloroethane	<10		µg/L	GE
0	Pentachloroethane	<11		µg/L	WA
0	Pentachloroethane	<11		µg/L	WA
0	Pentachloronitrobenzene	<10		µg/L	GE
0	Pentachloronitrobenzene	<55		µg/L	WA
0	Pentachloronitrobenzene	<55		µg/L	WA
0	Pentachlorophenol	<10		µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA
0	Pentachlorophenol	<55		µg/L	WA
0	Phenacetin	<10		µg/L	GE
0	Phenacetin	<11		µg/L	WA
0	Phenacetin	<11		µg/L	WA
0	Phenanthrene	<10		µg/L	GE
0	Phenanthrene	<11		µg/L	WA

WELL QA 36A collected on 03/18/93, laboratory analyses (cont)

F	Analyte	Result	Mod	Unit	Lab
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10		µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	p-Phenylenediamine	<10		µg/L	GE
0	p-Phenylenediamine	<11		µg/L	WA
0	p-Phenylenediamine	<11		µg/L	WA
0	Phorate	<0.10		µg/L	GE
0	2-Picoline	<10		µg/L	GE
0	2-Picoline	<11		µg/L	WA
0	2-Picoline	<11		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pronamid	<10		µg/L	GE
0	Pronamid	<11		µg/L	WA
0	Pronamid	<11		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Pyrene	<10		µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Pyrene	<11		µg/L	WA
0	Pyridine	<10		µg/L	GE
0	Pyridine	<11		µg/L	WA
0	Pyridine	<11		µg/L	WA
0	Safrole	<10		µg/L	GE
0	Safrole	<11		µg/L	WA
0	Safrole	<11		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	12,000		µg/L	GE
0	Silica	12,000		µg/L	GE
0	Silica	9,930		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	305		µg/L	GE
0	Sodium	304		µg/L	GE
0	Sodium	329	V	µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfide	<1,000		µg/L	GE
0	Sulfide	<1,000		µg/L	GE
0	Sulfide	<1,000		µg/L	WA
0	Sulfotep	<10		µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10		µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<11		µg/L	WA
0	1,2,4,5-Tetrachlorobenzene	<11		µg/L	WA
0	2,3,7,8-TCDD	<0.00045		µg/L	GE
0	2,3,7,8-TCDD	<0.00080		µg/L	WA
0	2,3,7,8-TCDF	<0.00040		µg/L	GE
0	Tetrachlorodibenzo-p-dioxins	<0.00045		µg/L	GE
0	Tetrachlorodibenzo-p-dioxins	<0.0013		µg/L	WA
0	Tetrachlorodibenzo-p-furans	<0.00040		µg/L	GE
0	Tetrachlorodibenzo-p-furans	<0.00080		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	2,3,4,6-Tetrachlorophenol	<10		µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<11		µg/L	WA
0	2,3,4,6-Tetrachlorophenol	<11		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Thionazin	<10		µg/L	GE
0	Tin	<2.0		µg/L	GE
0	Tin	<2.0		µg/L	GE
0	Tin	<8.6		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	o-Toluidine	<10		µg/L	GE
0	o-Toluidine	<11		µg/L	WA
0	o-Toluidine	<11		µg/L	WA
0	Total dissolved solids	31,000	V	µg/L	GE
0	Total dissolved solids	635,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	19		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	2,4,5-TP (Silvex)	<1.1		µg/L	WA
0	1,2,4-Trichlorobenzene	<10		µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 38A collected on 03/18/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	2,4,5-Trichlorophenol	<10		µg/L	GE
0	2,4,5-Trichlorophenol	<55		µg/L	WA
0	2,4,5-Trichlorophenol	<55		µg/L	WA
0	2,4,6-Trichlorophenol	<10		µg/L	GE
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	2,4,5-T	<0.090		µg/L	GE
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	1,3,5-Trinitrobenzene	<10		µg/L	GE
0	1,3,5-Trinitrobenzene	<11		µg/L	WA
0	1,3,5-Trinitrobenzene	<11		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	<2.0		µg/L	GE
0	Zinc	28		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	TM
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-226	<2.8E-10		µCi/mL	TM
0	Radium-228	1.7E-09 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	1.2E-09 ± 8.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.9E-07		µCi/mL	TM

WELL QA 38A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Turbidity: 1 NTU

Time: 14:13
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 11.7°C
Air temperature: 9.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.1	JQ	pH	GE
0	pH	4.9	JQ	pH	WA
0	Specific conductance	3.0		µS/cm	GE
0	Specific conductance	16	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nitrate as nitrogen	32		µg/L	WA
0	Nitrate-nitrite as nitrogen	60		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	11,600		µg/L	GE

WELL QA 38A collected on 03/20/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Silica	9,800		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	342		µg/L	GE
0	Sodium	427	V	µg/L	WA
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	20,000	V	µg/L	GE
0	Total dissolved solids	15,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<8.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-226	<4.0E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.0E-07		µCi/mL	TM

WELL QA 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:23
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 16.0°C
Air temperature: 12.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.3	JQ	pH	GE
0	pH	4.9	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	3.8	J3	µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	20	J3V	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250	JQ	µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	3.4	J3	µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.054		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.54		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	4.0	J3	µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE

WELL QA 40A collected on 01/27/93, laboratory analyses (cont.)

WELL QA 42A collected on 03/20/93. laboratory analyses (cont.)

MEASUREMENTS CONDUCTED IN THE FIELD

Time: 14.33
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 17.7°C
Air temperature: 16.5°C

LABORATORY ANALYSES

0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.11	WA	WA
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	WA
0	Ethylbenzene	<5.0	µg/L	WA
0	Ethylbenzene	<5.0	µg/L	WA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	WA
0	Iron	<4.0	µg/L	GE
0	Iron	4.8	µg/L	WA
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	WA
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.055	µg/L	WA
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<11	µg/L	WA
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	WA
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	WA
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.55	µg/L	WA
0	Nitrate as nitrogen	43	µg/L	WA
0	Nitrate-nitrite as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	WA
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	WA
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	WA
0	Silica	24,900	µg/L	GE
0	Silica	26,000	µg/L	WA
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	WA
0	Sodium	133	µg/L	GE
0	Sodium	213	µg/L	WA
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	WA
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	WA
0	Tetrachloroethylene	<5.0	µg/L	WA
0	Tetrachloroethylene	<5.0	µg/L	WA
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	WA
0	Toluene	<5.0	µg/L	WA
0	Total dissolved solids	23,000	µg/L	GE
0	Total dissolved solids	25,000	µg/L	WA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	WA
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	<5.0	µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 42A collected on 03/20/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	1.2E-09 ± 1.6E-09		µCi/mL	TM
0	Radium-226	<4.4E-10		µCi/mL	TM
0	Radium-226	<4.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.9E-07		µCi/mL	TM

WELL QA 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Turbidity: 0 NTU

Time: 11:19
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C
Air temperature: 12.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	4.9	JQ	pH	WA
0	Specific conductance	7.0		µS/cm	GE
0	Specific conductance	16	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500	J3	µg/L	GE
0	Potassium	508		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	20,100		µg/L	GE
0	Silica	21,300		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	47		µg/L	GE
0	Sodium	113	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE

WELL QA 44A collected on 03/12/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	38,000	V	µg/L	GE
0	Total dissolved solids	32,000		µg/L	WA
0	Total organic carbon	<1,000	JQ	µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ	µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<3.1E-10		µCi/mL	TM
0	Radium-226	1.0E-09 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	1.4E-09 ± 9.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.7E-07		µCi/mL	TM

WELL QA 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Turbidity: 1 NTU

Time: 13:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 14.8°C
Air temperature: 12.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	8.0		µS/cm	GE
0	Specific conductance	16	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.12		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	18,000		µg/L	GE
0	Silica	17,900		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 48A collected on 03/12/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Silica	14,000		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Sodium	58		µg/L	GE
0	Sodium	56		µg/L	GE
0	Sodium	154	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	23,000	V	µg/L	GE
0	Total dissolved solids	24,000	V	µg/L	GE
0	Total dissolved solids	3,000		µg/L	WA
0	Total organic carbon	<1,000	JQ	µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0	JO8	µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	54		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ	µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	3.2E-09 ± 1.3E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.4E-10		µCi/mL	TM
0	Radium-228	1.2E-09 ± 1.1E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.6E-07		µCi/mL	TM

WELL QA 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/93
Depth to water: Not available
Water elevation: Not available
Sp. conductivity: 6 µS/cm
Turbidity: 0 NTU

Time: 18:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 19.4°C
Air temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	5.0	JQ	pH	GE
0	pH	4.1	JQ	pH	WA
0	pH	4.1	JQ	pH	WA
0	Specific conductance	9.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Specific conductance	18	JQ	µS/cm	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	27	J3	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE

WELL QA 48A collected on 03/11/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0	JV	µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<3.0		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	0.24		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	16,500		µg/L	GE
0	Silica	13,700		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	44		µg/L	GE
0	Sodium	71	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.6		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	31,000	V	µg/L	GE
0	Total dissolved solids	23,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.90		µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Uranium	<20		µg/L	GE
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	3.6	J3V	µg/L	WA
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN

SAMPLING BLANK RESULTS

WELL QA 48A collected on 03/11/93. laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<8.0E-10		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	CN
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<1.4E-10		µCi/mL	TM
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	1.1E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-106	<8.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-89/90	<2.0E-09		µCi/mL	GP
0	Strontium-89/90	<2.0E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Strontium-90	<2.0E-09		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<1.0E-09		µCi/mL	GP

WELL QA 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 $\mu\text{S}/\text{cm}$
Turbidity: 0 NTU

Time: 9:37
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 14.0°C
Air temperature: 5.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	14	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<10	JQ1	µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	4.8	J3	µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	2.1		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 50A collected on 02/11/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	5.0	J3	µg/L	WA
0	Nitrate as nitrogen	39		µg/L	WA
0	Nitrate nitrite as nitrogen	190		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	152		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	63	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	1,000	V	µg/L	GE
0	Total dissolved solids	18,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	5.3		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	5.3	J3V	µg/L	WA
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	CN
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	CN
0	Curium-245/246	<1.0E-09		µCi/mL	GP
0	Curium-245/246	<1.0E-09		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	CN
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<4.5E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<6.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP

WELL QA 50A collected on 02/11/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-228	<8.0E-11		µCi/mL	TM
0	Radium-228	1.3E-09 ± 7.0E-10		µCi/mL	GP
0	Radium-228	<1.0E-09		µCi/mL	CN
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-89	<2.0E-09		µCi/mL	GP
0	Strontium-89	<2.0E-09		µCi/mL	CN
0	Strontium-90	<2.0E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.3E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 52A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:38
pH: 7.3
Alkalinity: 1 mg/L
Water temperature: 10.2°C
Air temperature: 5.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.5	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<10	J1	µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromofom	<1.0		µg/L	GE
0	Bromofom	<1.0		µg/L	GE
0	Bromofom	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	117		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 52A collected on 02/20/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<1.0		µg/L	WA
0	Chlorobenzene	<5.0		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	Chloroform	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloromethane	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	Chloromethane	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Copper	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Dibromochloromethane	<1.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<1.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	GE
0	1,2-Dichloroethane	<1.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1,1-Dichloroethylene	<1.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	GE
0	Dichloromethane	<1.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<1.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	GE
0	cis-1,3-Dichloropropene	<1.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<1.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	GE
0	Endrin	<0.0060		µg/L	WA
0	Endrin	<0.11		µg/L	GE
0	Ethylbenzene	<1.0		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	11	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<0.0050		µg/L	WA
0	Lindane	<0.058		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	54		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Methoxychlor	<0.50		µg/L	WA
0	Methoxychlor	<0.58		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	190		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0	J1	µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Silica	<100		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Sodium	<10		µg/L	WA
0	Sodium	78	J3V	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE

WELL QA 52A collected on 02/20/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<1.0		µg/L	WA
0	Toluene	<5.0		µg/L	GE
0	Total dissolved solids	1,000	V	µg/L	WA
0	Total dissolved solids	1,000	V	µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	WA
0	2,4,5-TP (Silvex)	<0.54		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<1.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<1.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	GE
0	Vanadium	<8.0		µg/L	WA
0	Vanadium	<3.0		µg/L	GE
0	Zinc	<2.0		µg/L	WA
0	Zinc	19		µg/L	GE
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Actinium-228	<3.0E-08		µCi/mL	WA
0	Americium-241	<1.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-08		µCi/mL	WA
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.0E-08		µCi/mL	WA
0	Antimony-125	<2.5E-08		µCi/mL	GP
0	Cerium-144	<8.0E-08		µCi/mL	WA
0	Cerium-144	<5.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	WA
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	WA
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	WA
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	WA
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	WA
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.0E-08		µCi/mL	WA
0	Cobalt-60	<1.2E-08		µCi/mL	GP
0	Curium-242	<1.0E-08		µCi/mL	WA
0	Curium-242	<1.0E-08		µCi/mL	GP
0	Curium-243/244	<1.0E-08		µCi/mL	WA
0	Curium-243/244	<1.0E-08		µCi/mL	GP
0	Curium-245/248	<1.0E-08		µCi/mL	WA
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	WA
0	Europium-152	<5.0E-08		µCi/mL	GP
0	Europium-154	<2.0E-08		µCi/mL	WA
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	WA
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<3.0E-08		µCi/mL	WA
0	Europium-155	<2.5E-08		µCi/mL	GP
0	Gross alpha	<2.0E-09		µCi/mL	WA
0	Gross alpha	<2.0E-10		µCi/mL	GP
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	WA
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Lead-212	<1.5E-08		µCi/mL	WA
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	WA
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Neptunium-237	<4.5E-08		µCi/mL	WA
0	Nonvolatile beta	4.2E-09 ± 1.3E-09		µCi/mL	GP
0	Nonvolatile beta	4.1E-09 ± 1.3E-09		µCi/mL	WA
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	WA
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	WA
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<1.1E-07		µCi/mL	WA
0	Potassium-40	<2.5E-07		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	WA
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-146	<1.0E-08		µCi/mL	WA
0	Promethium-146	<1.0E-08		µCi/mL	GP

SAMPLING BLANK RESULTS

WELL QA 52A collected on 02/20/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<2.5E-10		µCi/mL	TM
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-108	<8.0E-08		µCi/mL	GP
0	Ruthenium-108	<8.0E-08		µCi/mL	GP
0	Ruthenium-108	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-89	<2.0E-09		µCi/mL	GP
0	Strontium-89	<2.0E-09		µCi/mL	CN
0	Strontium-90	<2.0E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<4.6E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<8.0E-08		µCi/mL	GP
0	Yttrium-88	<8.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 54A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Turbidity: 1 NTU

Time: 14:18
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 11.2°C
Air temperature: 8.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	Specific conductance	9.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<10	J1	µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
1	Cadmium	2.7	J3	µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	34		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE

WELL QA 54A collected on 02/19/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
1	Dichloromethane	3.3		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
2	Lead	<3.0		µg/L	GE
0	Lead	<0.0050		µg/L	WA
0	Lindane	<0.054		µg/L	GE
0	Lindane	<0.054		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.54		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	107		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10	J3V	µg/L	GE
0	Sodium	64		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetra chloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Toluene	1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	2,000	V	µg/L	GE
0	Total dissolved solids	4,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	WA
0	2,4,5-TP (Silvex)	<0.58		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	GE
0	1,1,2-Trichloroethane	<1.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 54A collected on 02/19/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	12		µg/L	WA
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<8.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	CN
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	CN
0	Curium-245/248	<1.0E-09		µCi/mL	GP
0	Europlum-152	<4.0E-08		µCi/mL	GP
0	Europlum-152	<5.0E-08		µCi/mL	CN
0	Europlum-154	<2.0E-08		µCi/mL	GP
0	Europlum-154	<2.5E-08		µCi/mL	CN
0	Europlum-155	<3.0E-08		µCi/mL	GP
0	Europlum-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Gross alpha	<6.0E-10		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Lead-212	<1.5E-08		µCi/mL	CN
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<4.5E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	7.0E-10 ± 1.5E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<2.7E-10		µCi/mL	TM
0	Radium-226	<2.7E-10		µCi/mL	GP
0	Radium-228	<1.0E-09		µCi/mL	GP
0	Radium-228	<1.0E-09		µCi/mL	CN
0	Radium-228	7.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	GP
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-103	<1.0E-08		µCi/mL	GP
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-89	<2.0E-09		µCi/mL	GP
0	Strontium-89	<2.0E-09		µCi/mL	CN
0	Strontium-90	2.5E-09 ± 1.0E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.7E-07		µCi/mL	TM
0	Tritium	<5.7E-07		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 56A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Turbidity: 1 NTU

Time: 17.05
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 17.8°C
Air temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.1	JQ	pH	GE
0	pH	4.5	JQY	pH	WA
0	Specific conductance	10		µS/cm	GE
0	Specific conductance	18	JQY	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20	Y	µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0	Y	µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0	Y	µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0	Y	µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0	Y	µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<10		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0	Y	µg/L	WA
0	Bromofom	<1.0		µg/L	GE
0	Bromofom	<5.0	Y	µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10	Y	µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0	Y	µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	10	J3VY	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0	Y	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250	Y	µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0	Y	µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10	Y	µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	Y	µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10	Y	µg/L	WA
0	Chlorofom	<1.0		µg/L	GE
0	Chlorofom	<5.0	Y	µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10	Y	µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0	Y	µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0	Y	µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0	Y	µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0	Y	µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0	Y	µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0	Y	µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0	Y	µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0	Y	µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0	Y	µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1	Y	µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0	Y	µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	Y	µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	Y	µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11	Y	µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0	Y	µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100	Y	µg/L	WA
0	Fluoride	<100	Y	µg/L	WA
0	Iron	<4.0	J1	µg/L	GE
0	Iron	4.3	J3VY	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0	Y	µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.056	Y	µg/L	WA
0	Magnesium	2.0		µg/L	GE
0	Magnesium	<11	Y	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0	Y	µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 56A collected on 02/12/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Mercury	<0.20	Y	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50	Y	µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nickel	<4.0	Y	µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	38	Y	µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0	Y	µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500	Y	µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0	J1	µg/L	WA
0	Selenium	<2.0	Y	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	25,700	Y	µg/L	GE
0	Silica	22,200		µg/L	WA
0	Silver	<2.0	Y	µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	257	Y	µg/L	GE
0	Sodium	321		µg/L	WA
0	Sulfate	<1,000	VY	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000	Y	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0	Y	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0	Y	µg/L	GE
0	Tetrachloroethylene	<5.0	Y	µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Thallium	<2.0	Y	µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Thallium	<2.0	Y	µg/L	GE
0	Toluene	<1.0	Y	µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Toluene	32,000	Y	µg/L	GE
0	Total dissolved solids	28,000	Y	µg/L	WA
0	Total organic carbon	<1,000	Y	µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	5.1	Y	µg/L	GE
0	Total organic carbon	5.1		µg/L	WA
0	Total organic halogens	<5.0	Y	µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0	Y	µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50	Y	µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50	Y	µg/L	GE
0	Toxaphene	<0.24	Y	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	Y	µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	1,1,1-Trichloroethane	<1.0	Y	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	Y	µg/L	WA
0	1,1,2-Trichloroethane	<1.0	Y	µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0	Y	µg/L	GE
0	Trichloroethylene	<5.0	Y	µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0	Y	µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0	Y	µg/L	GE
0	Vanadium	<3.0	Y	µg/L	WA
0	Zinc	3.4	J3VY	µg/L	GE
0	Zinc	<3.0		µg/L	WA
0	Actinium-228	<1.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-08	Y	µCi/mL	GP
0	Antimony-125	<2.0E-08	Y	µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08	Y	µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08	Y	µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08	Y	µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08	Y	µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08	Y	µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curtium-242	<1.0E-08	Y	µCi/mL	GP

WELL QA 56A collected on 02/12/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Promethium-144	<1.0E-08	Y	µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08	Y	µCi/mL	CN
0	Radium-226	<1.0E-09	Y	µCi/mL	CN
0	Radium-226	<2.2E-07	Y	µCi/mL	CN
0	Radium-226	<1.0E-08		µCi/mL	CN
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium-226	<1.0E-08	Y	µCi/mL	GP
0	Radium-228	<4.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-08		µCi/mL	GE
0	Ruthenium-103	<1.0E-08	Y	µCi/mL	GP
0	Ruthenium-106	<6.0E-08		µCi/mL	CN
0	Ruthenium-106	<1.0E-08	Y	µCi/mL	GP
0	Sodium-22	<1.0E-08	Y	µCi/mL	GP
0	Sr-90	<2.0E-09		µCi/mL	GP
0	Sr-90	<2.0E-09	Y	µCi/mL	GP
0	Sr-90	2.9E-08 ± 1.4E-08		µCi/mL	GP
0	Sr-90	<2.0E-08	Y	µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Thorium-228	<4.0E-07	Y	µCi/mL	CN
0	Thorium-228	<1.0E-08	Y	µCi/mL	CN
0	Thorium-230	<1.0E-09	Y	µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-08	Y	µCi/mL	GP
0	Thorium-232	<3.5E-07		µCi/mL	GP
0	Thorium-234	<7.0E-07		µCi/mL	GE
0	Th-234	<4.6E-07	Y	µCi/mL	TM
0	Th-234	<1.0E-08		µCi/mL	GP
0	Uranium-233/234	<1.0E-08	Y	µCi/mL	CN
0	Uranium-233/234	<1.0E-08		µCi/mL	GP
0	Uranium-235	<1.5E-08	Y	µCi/mL	CN
0	Uranium-235	<1.0E-09	Y	µCi/mL	CN
0	Uranium-238	<1.0E-09	Y	µCi/mL	GP
0	Uranium-238	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08	Y	µCi/mL	CN
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08	Y	µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	CN

WELL QA 58A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 μ S/cm
Turbidity: 0 NTU
Time: 10:51
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 16.5°C
Air temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lat
0	pH	5.1		pH	GE
0	pH	5.1	JQ	pH	WA
0	Specific conductance	5.0		$\mu\text{S/cm}$	GE
0	Specific conductance	14	JQ	$\mu\text{S/cm}$	WA
0	Acenaphthene	<10		$\mu\text{g/L}$	GE
0	Acenaphthene	<11		$\mu\text{g/L}$	WA
0	Acenaphthylene	<10		$\mu\text{g/L}$	GE
0	Acenaphthylene	<11		$\mu\text{g/L}$	WA
0	Acetone	<100		$\mu\text{g/L}$	GE
0	Acetone	<10		$\mu\text{g/L}$	WA
0	Acetonitrile (Methyl cyanide)	<10		$\mu\text{g/L}$	GE
0	Acetonitrile (Methyl cyanide)	<20		$\mu\text{g/L}$	WA
0	Acetophenone	<11		$\mu\text{g/L}$	GE
0	Acetophenone	<10		$\mu\text{g/L}$	WA
0	2-Acetylaminofluorene	<10		$\mu\text{g/L}$	GE
0	2-Acetylaminofluorene	<11		$\mu\text{g/L}$	WA
0	Acrolin	<20		$\mu\text{g/L}$	GE
0	Acrolin	<10		$\mu\text{g/L}$	WA
0	Acrylonitrile	<10		$\mu\text{g/L}$	GE
0	Acrylonitrile	<0.050		$\mu\text{g/L}$	WA
0	Aldrin	<0.058		$\mu\text{g/L}$	GE
0	Alkalinity (as CaCO_3)	<1.0		mg/L	GE
0	Allyl chloride	<50	V	$\mu\text{g/L}$	GE
0	Allyl chloride	<100		$\mu\text{g/L}$	WA
0	Aluminum	<20		$\mu\text{g/L}$	GE
0	Aluminum	<20		$\mu\text{g/L}$	WA
0	Aluminum	<20		$\mu\text{g/L}$	GE
0	4-Aminobiphenyl	<10		$\mu\text{g/L}$	GE
0	4-Aminobiphenyl	<11		$\mu\text{g/L}$	WA
0	Ammonia nitrogen	<100		$\mu\text{g/L}$	GE
0	Aniline	<10		$\mu\text{g/L}$	GE
0	Aniline	<11		$\mu\text{g/L}$	WA
0	Anthracene	<10		$\mu\text{g/L}$	GE
0	Anthracene	<11		$\mu\text{g/L}$	WA
0	Antimony	<2.0		$\mu\text{g/L}$	GE
0	Antimony	<3.0		$\mu\text{g/L}$	WA
0	Aranite	<10		$\mu\text{g/L}$	GE
0	Aranite	<22		$\mu\text{g/L}$	WA

SAMPLING BLANK RESULTS

WELL QA 58A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	alpha-Benzene hexachloride	<0.050		µg/L	GE
0	alpha-Benzene hexachloride	<0.058		µg/L	WA
0	beta-Benzene hexachloride	<0.050		µg/L	GE
0	beta-Benzene hexachloride	<0.058		µg/L	WA
0	delta-Benzene hexachloride	<0.050		µg/L	GE
0	delta-Benzene hexachloride	<0.058		µg/L	WA
0	Benzo[a]anthracene	<1.0		µg/L	GE
0	Benzo[a]anthracene	<1.1		µg/L	WA
0	Benzo[b]fluoranthene	<1.0		µg/L	GE
0	Benzo[b]fluoranthene	<1.1		µg/L	WA
0	Benzo[k]fluoranthene	<1.0		µg/L	GE
0	Benzo[k]fluoranthene	<1.1		µg/L	WA
0	Benzoic acid	<1.0		µg/L	GE
0	Benzo[g,h,i]perylene	<1.1		µg/L	WA
0	Benzo[g,h,i]perylene	<1.0		µg/L	GE
0	Benzo[a]pyrene	<1.0		µg/L	WA
0	Benzo[a]pyrene	<1.1		µg/L	GE
0	Benzyl alcohol	<1.1		µg/L	WA
0	Benzyl alcohol	<1.1		µg/L	GE
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	WA
0	Beryllium	<3.0		µg/L	GE
0	Bis(2-chloroethoxy) methane	<1.0		µg/L	WA
0	Bis(2-chloroethoxy) methane	<1.1		µg/L	GE
0	Bis(2-chloroethyl) ether	<1.0		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<1.0		µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<1.0		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<1.1		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	WA
0	Bromodichloromethane	<5.0		µg/L	GE
0	Bromofom	<1.0		µg/L	WA
0	Bromofom	<5.0		µg/L	GE
0	Bromomethane	<1.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	4-Bromophenyl phenyl ether	<1.0		µg/L	WA
0	4-Bromophenyl phenyl ether	<1.1		µg/L	GE
0	Butylbenzyl phthalate	<1.0		µg/L	WA
0	Butylbenzyl phthalate	<1.1		µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<1.0		µg/L	WA
0	2-sec-Butyl-4,6-dinitrophenol	<5.5		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<1.0		µg/L	GE
0	Calcium	<1.0		µg/L	WA
0	Calcium	<1.0		µg/L	GE
0	Carbon disulfide	<1.0		µg/L	WA
0	Carbon disulfide	<5.0		µg/L	GE
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Carbon tetrachloride	<5.0		µg/L	GE
0	Carbonate	<1,000		µg/L	WA
0	Carbonate	<1,000		µg/L	GE
0	Chlordane	<0.50		µg/L	WA
0	Chlordane	<0.58		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	GE
0	4-Chloroaniline	<1.0		µg/L	WA
0	4-Chloroaniline	<1.1		µg/L	GE
0	Chlorobenzene	<1.0		µg/L	WA
0	Chlorobenzene	<5.0		µg/L	GE
0	Chlorobenzilate	<1.0		µg/L	WA
0	Chlorobenzilate	<1.1		µg/L	GE
0	4-Chloro-m-cresol	<1.0		µg/L	WA
0	4-Chloro-m-cresol	<1.1		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	2-Chloronaphthalene	<1.0		µg/L	GE
0	2-Chloronaphthalene	<1.1		µg/L	WA
0	2-Chlorophenol	<1.0		µg/L	GE
0	2-Chlorophenol	<1.1		µg/L	WA
0	4-Chlorophenyl phenyl ether	<1.0		µg/L	GE
0	4-Chlorophenyl phenyl ether	<1.1		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chrysene	<1.0		µg/L	WA
0	Chrysene	<1.1		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA

WELL QA 58A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	o-Cresol (2-Methylphenol)	<1.0		µg/L	GE
0	o-Cresol (2-Methylphenol)	<1.1		µg/L	WA
0	m-Cresol (3-Methylphenol)	<1.0		µg/L	GE
0	m-Cresol (3-Methylphenol)	<1.1		µg/L	WA
0	p-Cresol (4-Methylphenol)	<1.0		µg/L	GE
0	p-Cresol (4-Methylphenol)	<1.1		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	p,p'-DDD	<0.10		µg/L	GE
0	p,p'-DDD	<0.11		µg/L	WA
0	p,p'-DDE	<0.10		µg/L	GE
0	p,p'-DDE	<0.11		µg/L	WA
0	p,p'-DDT	<0.10		µg/L	GE
0	p,p'-DDT	<0.11		µg/L	WA
0	Diallyl	<1.0		µg/L	GE
0	Diallyl	<1.1		µg/L	WA
0	Dibenz[a,h]anthracene	<1.0		µg/L	GE
0	Dibenz[a,h]anthracene	<1.1		µg/L	WA
0	Dibenzofuran	<1.0		µg/L	GE
0	Dibenzofuran	<1.1		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<10		µg/L	WA
0	Di-n-butyl phthalate	<1.0		µg/L	GE
0	Di-n-butyl phthalate	<1.1		µg/L	WA
0	1,2-Dichlorobenzene	<1.0		µg/L	GE
0	1,2-Dichlorobenzene	<1.1		µg/L	WA
0	1,3-Dichlorobenzene	<1.0		µg/L	GE
0	1,3-Dichlorobenzene	<1.1		µg/L	WA
0	1,4-Dichlorobenzene	<1.0		µg/L	GE
0	1,4-Dichlorobenzene	<1.1		µg/L	WA
0	3,3'-Dichlorobenzidine	<1.0		µg/L	GE
0	3,3'-Dichlorobenzidine	<22		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	Dichlorodifluoromethane	<10		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenol	<1.0		µg/L	GE
0	2,4-Dichlorophenol	<1.1		µg/L	WA
0	2,6-Dichlorophenol	<1.0		µg/L	GE
0	2,6-Dichlorophenol	<1.1		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.2		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Dieldrin	<0.50		µg/L	GE
0	Dieldrin	<0.11		µg/L	WA
0	Diethyl phthalate	<1.0		µg/L	GE
0	Diethyl phthalate	<1.1		µg/L	WA
0	Dimethoate	<1.0		µg/L	GE
0	2,4-Dimethyl phenol	<1.0		µg/L	GE
0	2,4-Dimethyl phenol	<1.1		µg/L	WA
0	Dimethyl phthalate	<1.0		µg/L	GE
0	Dimethyl phthalate	<1.1		µg/L	WA
0	p-Dimethylaminoazobenzene	<1.0		µg/L	GE
0	p-Dimethylaminoazobenzene	<1.1		µg/L	WA
0	Dimethylbenz[a]anthracene	<1.0		µg/L	GE
0	Dimethylbenz[a]anthracene	<1.1		µg/L	WA
0	3,3'-Dimethylbenzidine	<1.0		µg/L	GE
0	3,3'-Dimethylbenzidine	<1.1		µg/L	WA
0	a,a'-Dimethylphenethylamine	<1.0		µg/L	GE
0	a,a'-Dimethylphenethylamine	<1.1		µg/L	WA
0	1,3-Dinitrobenzene	<1.0		µg/L	GE
0	1,3-Dinitrobenzene	<1.1		µg/L	WA
0	2,4-Dinitrophenol	<4.5		µg/L	GE
0	2,4-Dinitrophenol	<5.5		µg/L	WA
0	2,4-Dinitrotoluene	<1.0		µg/L	GE
0	2,4-Dinitrotoluene	<1.1		µg/L	WA
0	2,6-Dinitrotoluene	<1.0		µg/L	GE
0	2,6-Dinitrotoluene	<1.1		µg/L	WA
0	Di-n-octyl phthalate	<1.0		µg/L	GE
0	Di-n-octyl phthalate	<1.1		µg/L	WA
0	1,4-Dioxane	<1.0		µg/L	GE
0	1,4-Dioxane	<1.1		µg/L	WA
0	Diphenylamine	<1.0		µg/L	GE
0	Diphenylamine	<1.1		µg/L	WA
0	Disulfoton	<1.0		µg/L	GE
0	Endosulfan I	<0.10		µg/L	GE
0	Endosulfan I	<0.058		µg/L	WA
0	Endosulfan II	<0.10		µg/L	GE
0	Endosulfan II	<0.11		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 58A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Endosulfan sulfate	<0.10		µg/L	GE
0	Endosulfan sulfate	<0.11		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Endrin aldehyde	<0.10		µg/L	GE
0	Endrin aldehyde	<0.11		µg/L	WA
0	Ethyl methacrylate	<10		µg/L	GE
0	Ethyl methacrylate	<11		µg/L	WA
0	Ethyl methanesulfonate	<10		µg/L	GE
0	Ethyl methanesulfonate	<11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Famphur	<10		µg/L	GE
0	Fluoranthene	<10		µg/L	GE
0	Fluoranthene	<11		µg/L	WA
0	Fluorene	<10		µg/L	GE
0	Fluorene	<11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Heptachlor	<0.050		µg/L	GE
0	Heptachlor	<0.058		µg/L	WA
0	Heptachlor epoxide	<0.050		µg/L	GE
0	Heptachlor epoxide	<0.058		µg/L	WA
0	1,2,3,4,8,7,8-HPCCD	<0.00065		µg/L	GE
0	Heptachlorodibenzo-p-dioxins	<0.00065		µg/L	GE
0	1,2,3,4,8,7,8-HPCDF	<0.00045		µg/L	GE
0	Heptachlorodibenzo-p-furans	<0.00045		µg/L	GE
0	Hexachlorobenzene	<10		µg/L	GE
0	Hexachlorobenzene	<11		µg/L	WA
0	Hexachlorobutadiene	<10		µg/L	GE
0	Hexachlorobutadiene	<11		µg/L	WA
0	Hexachlorocyclopentadiene	<10		µg/L	GE
0	Hexachlorocyclopentadiene	<11		µg/L	WA
0	1,2,3,4,7,8-HXCCD	<0.00045		µg/L	GE
0	Hexachlorodibenzo-p-dioxins	<0.00045		µg/L	GE
0	Hexachlorodibenzo-p-dioxins	<0.00080		µg/L	WA
0	1,2,3,4,7,8-HXCDF	<0.00040		µg/L	GE
0	Hexachlorodibenzo-p-furans	<0.00040		µg/L	GE
0	Hexachlorodibenzo-p-furans	<0.00030		µg/L	WA
0	Hexachloroethane	<10		µg/L	GE
0	Hexachloroethane	<11		µg/L	WA
0	Hexachlorophene	<10		µg/L	GE
0	Hexachlorophene	<99		µg/L	WA
0	Hexachloropropene	<10		µg/L	GE
0	Hexachloropropene	<11		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<10		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<10		µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<10		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Isodrin	<10		µg/L	GE
0	Isodrin	<0.11		µg/L	WA
0	Isophorone	<10		µg/L	GE
0	Isophorone	<11		µg/L	WA
0	Isosafrole	<10		µg/L	GE
0	Isosafrole	<11		µg/L	WA
0	Kepone	<10		µg/L	GE
0	Kepone	<0.11		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methapyrene	<10		µg/L	GE
0	Methapyrene	<11		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<55		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<10		µg/L	GE
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Methyl methacrylate	<10		µg/L	GE
0	Methyl methacrylate	<11		µg/L	WA
0	Methyl methanesulfonate	<10		µg/L	GE
0	Methyl methanesulfonate	<11		µg/L	WA
0	3-Methylcholanthrene	<10		µg/L	GE
0	3-Methylcholanthrene	<11		µg/L	WA
0	2-Methylnaphthalene	<10		µg/L	GE
0	2-Methylnaphthalene	<11		µg/L	WA
0	Naphthalene	<10		µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	1,4-Naphthoquinone	<10		µg/L	GE
0	1,4-Naphthoquinone	<11		µg/L	WA

WELL QA 58A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1-Naphthylamine	<10		µg/L	GE
0	1-Naphthylamine	<11		µg/L	WA
0	2-Naphthylamine	<10		µg/L	GE
0	2-Naphthylamine	<11		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	o-Nitroaniline	<10		µg/L	GE
0	o-Nitroaniline	<55		µg/L	WA
0	m-Nitroaniline	<10		µg/L	GE
0	m-Nitroaniline	<55		µg/L	WA
0	p-Nitroaniline	<10		µg/L	GE
0	p-Nitroaniline	<55		µg/L	WA
0	Nitrobenzene	<10		µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10		µg/L	GE
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<10		µg/L	GE
0	4-Nitrophenol	<55		µg/L	WA
0	4-Nitroquinoline-1-oxide	<10		µg/L	GE
0	4-Nitroquinoline-1-oxide	<22		µg/L	WA
0	N-Nitrosodl-n-butylamine	<10		µg/L	GE
0	N-Nitrosodi-n-butylamine	<11		µg/L	WA
0	N-Nitrosodiethylamine	<10		µg/L	GE
0	N-Nitrosodiethylamine	<11		µg/L	WA
0	N-Nitrosodimethylamine	<10		µg/L	GE
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10		µg/L	GE
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10		µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	N-Nitrosomethylethylamine	<10		µg/L	GE
0	N-Nitrosomethylethylamine	<11		µg/L	WA
0	N-Nitrosomorpholine	<10		µg/L	GE
0	N-Nitrosomorpholine	<11		µg/L	WA
0	N-Nitrosopiperidine	<10		µg/L	GE
0	N-Nitrosopiperidine	<55		µg/L	WA
0	N-Nitrosopyrrolidine	<10		µg/L	GE
0	N-Nitrosopyrrolidine	<11		µg/L	WA
0	5-Nitro-o-toluidine	<10		µg/L	GE
0	5-Nitro-o-toluidine	<11		µg/L	WA
0	O,O,O-Triethyl phosphorothioate	<10		µg/L	GE
0	Octachlorodibenzo-p-dioxins	<0.0010		µg/L	GE
0	Octachlorodibenzo-p-furans	<0.0010		µg/L	GE
0	Parathion	<0.050		µg/L	GE
0	Parathion methyl	<0.050		µg/L	GE
0	PCB 1016	<0.50		µg/L	GE
0	PCB 1016	<0.58		µg/L	WA
0	PCB 1221	<0.50		µg/L	GE
0	PCB 1221	<0.58		µg/L	WA
0	PCB 1232	<0.50		µg/L	GE
0	PCB 1232	<0.58		µg/L	WA
0	PCB 1242	<0.50		µg/L	GE
0	PCB 1242	<0.58		µg/L	WA
0	PCB 1248	<0.50		µg/L	GE
0	PCB 1248	<0.58		µg/L	WA
0	PCB 1254	<0.50		µg/L	GE
0	PCB 1254	<1.1		µg/L	WA
0	PCB 1260	<0.50		µg/L	GE
0	PCB 1260	<1.1		µg/L	WA
0	Pentachlorobenzene	<10		µg/L	GE
0	Pentachlorobenzene	<11		µg/L	WA
0	1,2,3,7,8-PCDD	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.0010		µg/L	WA
0	Pentachlorodibenzo-p-furans	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-furans	<0.0014		µg/L	WA
0	1,2,3,7,8-PCDF	<0.00055		µg/L	GE
0	Pentachloroethane	<10		µg/L	GE
0	Pentachloroethane	<11		µg/L	WA
0	Pentachloronitrobenzene	<10		µg/L	GE
0	Pentachloronitrobenzene	<55		µg/L	WA
0	Pentachlorophenol	<10		µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA
0	Phenacetin	<10		µg/L	GE
0	Phenacetin	<11		µg/L	WA
0	Phenanthrene	<10		µg/L	GE
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10		µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	p-Phenylenediamine	<10		µg/L	GE
0	p-Phenylenediamine	<11		µg/L	WA
0	Phorate	<0.10		µg/L	GE
0	2-Picoline	<10		µg/L	GE
0	2-Picoline	<11		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	WA
0	Pronamid	<10		µg/L	GE
0	Pronamid	<11		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Pyrene	<10		µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Pyridine	<10		µg/L	GE
0	Pyridine	<11		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 58A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Safrole	<10		µg/L	GE
0	Safrole	<11		µg/L	WA
0	Selenium	<2.0		µg/L	WA
0	Selenium	<2.0		µg/L	WA
0	Silica	21,000		µg/L	GE
0	Silica	17,300		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Silver	44		µg/L	GE
0	Silver	62		µg/L	WA
0	Sodium	<1.0	J3V	µg/L	GE
0	Sodium	<1.0		µg/L	WA
0	Styrene	<5.0		µg/L	GE
0	Styrene	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfide	<1,000		µg/L	GE
0	Sulfide	<10		µg/L	WA
0	Sulfotep	<10		µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<11		µg/L	WA
0	1,2,4,5-Tetrachlorobenzene	<0.00045		µg/L	GE
0	2,3,7,8-TCDD	<0.00080		µg/L	WA
0	2,3,7,8-TCDD	<0.00040		µg/L	GE
0	2,3,7,8-TCDF	<0.00045		µg/L	WA
0	Tetrachlorodibenzo-p-dioxins	<0.00060		µg/L	GE
0	Tetrachlorodibenzo-p-furans	<0.00060		µg/L	WA
0	Tetrachlorodibenzo-p-furans	<0.00090		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<10		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<10		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<10		µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<20		µg/L	WA
0	2,3,4,6-Tetrachlorophenol	<20		µg/L	GE
0	Thallium	<88		µg/L	WA
0	Thionazin	<20		µg/L	GE
0	Tin	<20		µg/L	WA
0	Tin	<20		µg/L	GE
0	Toluene	<10		µg/L	WA
0	Toluene	<10		µg/L	GE
0	o-Toluidine	<10		µg/L	WA
0	o-Toluidine	<11		µg/L	GE
0	Total dissolved solids	10,000		µg/L	WA
0	Total dissolved solids	24,000		µg/L	GE
0	Total organic carbon	2,070		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<50		µg/L	WA
0	Total organic halogens	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	WA
0	2,4,5-TP (Silvex)	<0.60		µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<10		µg/L	GE
0	1,1,1-Trichloroethane	<50		µg/L	WA
0	1,1,2-Trichloroethane	<10		µg/L	GE
0	1,1,2-Trichloroethane	<50		µg/L	WA
0	Trichloroethylene	<10		µg/L	GE
0	Trichloroethylene	<50		µg/L	WA
0	Trichlorofluoromethane	<10		µg/L	GE
0	Trichlorofluoromethane	<50		µg/L	WA
0	2,4,5-Trichlorophenol	<10		µg/L	GE
0	2,4,5-Trichlorophenol	<55		µg/L	WA
0	2,4,6-Trichlorophenol	<11		µg/L	GE
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	2,4,5-T	<0.090		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	1,2,3-Trichloropropane	<10		µg/L	GE
0	1,3,5-Trinitrobenzene	<10		µg/L	WA
0	1,3,5-Trinitrobenzene	<11		µg/L	GE
0	Vanadium	<80		µg/L	WA
0	Vanadium	<30		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Vinyl acetate	<10		µg/L	GE
0	Xylenes	<20		µg/L	WA
0	Xylenes	<50		µg/L	GE
0	Zinc	<2.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Antimony-125	<5.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cerium-144	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP

WELL QA 58A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.0E-08		µCi/mL	CN
0	Curium-242	<1.0E-08		µCi/mL	GP
0	Curium-242	<1.0E-08		µCi/mL	CN
0	Curium-243/244	<1.0E-08		µCi/mL	GP
0	Curium-243/244	<1.0E-08		µCi/mL	CN
0	Curium-245/246	<1.0E-08		µCi/mL	GP
0	Curium-245/246	<1.0E-08		µCi/mL	CN
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<5.0E-10		µCi/mL	GP
0	Gross alpha	<2.0E-08		µCi/mL	CN
0	Iodine-129	<1.5E-08		µCi/mL	GP
0	Iodine-129	<1.0E-08		µCi/mL	CN
0	Lead-212	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<1.0E-08		µCi/mL	GP
0	Neptunium-237	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<1.0E-08		µCi/mL	GP
0	Neptunium-237	<1.0E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GP
0	Nonvolatile beta	1.7E-09 ± 1.5E-09		µCi/mL	CN
0	Plutonium-238	<1.0E-08		µCi/mL	GP
0	Plutonium-238	<1.0E-08		µCi/mL	CN
0	Plutonium-239/240	<1.0E-08		µCi/mL	GP
0	Plutonium-239/240	<1.0E-08		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-148	<1.0E-08		µCi/mL	GP
0	Promethium-148	<2.3E-08		µCi/mL	CN
0	Radium-226	<2.4E-10		µCi/mL	GP
0	Radium-226	<4.0E-10		µCi/mL	CN
0	Radium, total alpha-emitting	<1.0E-08		µCi/mL	GP
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<1.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-90	<2.0E-08		µCi/mL	GP
0	Strontium-90	<2.0E-08		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<1.0E-08		µCi/mL	CN
0	Thorium-226	<1.0E-08		µCi/mL	GP
0	Thorium-226	<1.0E-08		µCi/mL	CN
0	Thorium-230	<1.0E-08		µCi/mL	GP
0	Thorium-230	<1.0E-08		µCi/mL	CN
0	Thorium-232	<1.0E-08		µCi/mL	GP
0	Thorium-232	<3.5E-07		µCi/mL	CN
0	Thorium-234	<4.2E-07		µCi/mL	GP
0	Thorium-234	<1.0E-08		µCi/mL	CN
0	Uranium-233/234	<1.0E-08		µCi/mL	GP
0	Uranium-233/234	<1.0E-08		µCi/mL	CN
0	Uranium-235	<1.0E-08		µCi/mL	GP
0	Uranium-235	<1.0E-08		µCi/mL	CN
0	Uranium-235	<1.0E-08		µCi/mL	GP
0	Uranium-235	<1.0E-08		µCi/mL	CN
0	Uranium-238	<1.0E-08		µCi/mL	GP
0	Uranium-238	<1.0E-08		µCi/mL	CN
0	Uranium-238	<6.0E-08		µCi/mL	GP
0	Uranium-238	<2.0E-08		µCi/mL	CN
0	Yttrium-86	<2.0E-08		µCi/mL	GP
0	Yttrium-86	<2.0E-08		µCi/mL	CN
0	Zinc-65	<2.3E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 60A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/02/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 12:49
pH: 5.7
Alkalinity: 1 mg/L
Water temperature: 12.0°C
Air temperature: 10.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
1	pH	3.8	JQ	pH	GE
1	pH	3.7	JQ	pH	WA
0	pH	4.5	JQ	pH	GP
0	pH	4.6	JQ	pH	WA
0	Specific conductance	92	JQ	µS/cm	GP
0	Specific conductance	92	JQ	µS/cm	WA
0	Specific conductance	14	JQ	µS/cm	GP
0	Specific conductance	14	JQ	µS/cm	WA
0	Acenaphthene	<11	JQ	µg/L	GP
0	Acenaphthene	<11	JQ	µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 60A collected on 03/02/93, laboratory analyses (cont.)					WELL QA 60A collected on 03/02/93, laboratory analyses (cont.)						
F	Analyte	Result	Mod	Unit	Lab	F	Analyte	Result	Mod	Unit	Lab
0	Acenaphthylene	<10		µg/L	GE	0	2-sec-Butyl-4,6-dinitrophenol	<25		µg/L	WA
0	Acenaphthylene	<11		µg/L	WA	0	Cadmium	<20		µg/L	GE
0	Acetone	<100		µg/L	GE	0	Cadmium	<20		µg/L	WA
0	Acetone	11		µg/L	WA	0	Calcium	<10		µg/L	GE
0	Acetone	<10		µg/L	WA	0	Calcium	14	J3	µg/L	WA
0	Acetone	13		µg/L	WA	0	Carbon disulfide	<10		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10		µg/L	GE	0	Carbon disulfide	<50		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA	0	Carbon disulfide	<50		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA	0	Carbon disulfide	<10		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA	0	Carbon tetrachloride	<10		µg/L	GE
0	Acetophenone	<10		µg/L	WA	0	Carbon tetrachloride	<50		µg/L	WA
0	Acetophenone	<11		µg/L	WA	0	Carbon tetrachloride	<50		µg/L	WA
0	2-Acetylaminofluorene	<10		µg/L	WA	0	Carbonate	<1,000		µg/L	GE
0	2-Acetylaminofluorene	<11		µg/L	WA	0	Carbonate	<1,000		µg/L	WA
0	Acrolein	<20		µg/L	WA	0	Carbonate	<1,000		µg/L	WA
0	Acrolein	<10		µg/L	WA	0	Chlordane	<0.50		µg/L	GE
0	Acrolein	<10		µg/L	WA	0	Chlordane	<0.50		µg/L	WA
0	Acrolein	<20		µg/L	WA	0	Chlordane	<0.58		µg/L	WA
0	Acrylonitrile	<10		µg/L	WA	0	Chlordane	<250		µg/L	WA
0	Acrylonitrile	<10		µg/L	WA	0	Chlordane	<250		µg/L	WA
0	Acrylonitrile	<10		µg/L	WA	0	4-Chloroaniline	<11		µg/L	GE
0	Aldrin	<0.050		µg/L	WA	0	4-Chloroaniline	<11		µg/L	WA
0	Aldrin	<0.050		µg/L	WA	0	Chlorobenzene	<10		µg/L	WA
0	Aldrin	<0.056		µg/L	WA	0	Chlorobenzene	<50		µg/L	WA
0	Alkalinity (as CaCO ₃)	2.4	Y	mg/L	GE	0	Chlorobenzene	<10		µg/L	WA
0	Alkalinity (as CaCO ₃)	2.4	Y	mg/L	GE	0	Chlorobenzilate	<11		µg/L	WA
0	Allyl chloride	<100		µg/L	WA	0	4-Chloro-m-cresol	<10		µg/L	WA
0	Allyl chloride	<100		µg/L	WA	0	4-Chloro-m-cresol	<11		µg/L	WA
0	Allyl chloride	<100		µg/L	WA	0	Chloroethane	<10		µg/L	WA
0	Allyl chloride	<100		µg/L	WA	0	Chloroethane	<10		µg/L	WA
0	Aluminum	<20	J1	µg/L	WA	0	Chloroethane	<10		µg/L	WA
0	Aluminum	<20		µg/L	WA	0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	4-Aminobiphenyl	<11		µg/L	WA	0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	4-Aminobiphenyl	<100		µg/L	WA	0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Ammonia nitrogen	<100		µg/L	GE	0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Ammonia nitrogen	<10		µg/L	WA	0	2-Chloroethyl vinyl ether	<10		µg/L	GE
0	Aniline	<11		µg/L	WA	0	Chloroform	<10		µg/L	WA
0	Aniline	<11		µg/L	WA	0	Chloroform	<50		µg/L	WA
0	Anthracene	<10		µg/L	WA	0	Chloroform	<50		µg/L	WA
0	Anthracene	<11		µg/L	WA	0	Chloroform	<50		µg/L	WA
0	Anthracene	<20		µg/L	WA	0	Chloroform	<50		µg/L	WA
0	Anthracene	<30		µg/L	WA	0	Chloroform	<10		µg/L	WA
0	Antimony	<10		µg/L	GE	0	Chloromethane	<10		µg/L	WA
0	Antimony	<22		µg/L	WA	0	Chloromethane	<10		µg/L	WA
0	Asamite	<20		µg/L	WA	0	Chloromethane	<10		µg/L	WA
0	Asenic	<20		µg/L	WA	0	Chloromethane	<10		µg/L	WA
0	Barium	<40		µg/L	WA	0	2-Chloronaphthalene	<11		µg/L	WA
0	Barium	<10		µg/L	WA	0	2-Chloronaphthalene	<11		µg/L	WA
0	Benzene	<50		µg/L	WA	0	2-Chlorophenol	<10		µg/L	WA
0	Benzene	<50		µg/L	WA	0	2-Chlorophenol	<11		µg/L	WA
0	Benzene	<0.050		µg/L	GE	0	4-Chlorophenyl phenyl ether	<10		µg/L	WA
0	alpha-Benzene hexachloride	<0.050		µg/L	WA	0	Chloroprene	<200		µg/L	WA
0	alpha-Benzene hexachloride	<0.056		µg/L	WA	0	Chloroprene	<20		µg/L	WA
0	beta-Benzene hexachloride	<0.050		µg/L	GE	0	Chloroprene	<20		µg/L	WA
0	beta-Benzene hexachloride	<0.050		µg/L	GE	0	Chloroprene	<20		µg/L	WA
0	beta-Benzene hexachloride	<0.058		µg/L	WA	0	Chromium	<40		µg/L	WA
0	delta-Benzene hexachloride	<0.050		µg/L	WA	0	Chromium	<40		µg/L	WA
0	delta-Benzene hexachloride	<0.058		µg/L	WA	0	Chrysene	<10		µg/L	WA
0	delta-Benzene hexachloride	<0.058		µg/L	WA	0	Chrysene	<11		µg/L	WA
0	delta-Benzene hexachloride	<0.058		µg/L	WA	0	Cobalt	<40		µg/L	WA
0	Benzo(a)anthracene	<10		µg/L	GE	0	Cobalt	<40		µg/L	WA
0	Benzo(a)anthracene	<11		µg/L	WA	0	Copper	<40		µg/L	WA
0	Benzo(b)fluoranthene	<10		µg/L	GE	0	Copper	<40		µg/L	WA
0	Benzo(b)fluoranthene	<11		µg/L	WA	0	o-Cresol (2-Methylphenol)	<10		µg/L	WA
0	Benzo(k)fluoranthene	<10		µg/L	WA	0	o-Cresol (2-Methylphenol)	<11		µg/L	WA
0	Benzo(k)fluoranthene	<11		µg/L	WA	0	m-Cresol (3-Methylphenol)	<10		µg/L	WA
0	Benzo(a)pyrene	<10		µg/L	GE	0	m-Cresol (3-Methylphenol)	<11		µg/L	WA
0	Benzo(a)pyrene	<11		µg/L	WA	0	p-Cresol (4-Methylphenol)	<10		µg/L	WA
0	Benzo(a)pyrene	<10		µg/L	WA	0	p-Cresol (4-Methylphenol)	<11		µg/L	WA
0	Benzo(a)pyrene	<11		µg/L	WA	0	Cyanide	<50		µg/L	WA
0	Benzo(a)pyrene	<10		µg/L	WA	0	Cyanide	<50		µg/L	WA
0	Benzo(a)pyrene	<11		µg/L	WA	0	P.P.-DDD	<0.10		µg/L	WA
0	Benzo(a)pyrene	<11		µg/L	WA	0	P.P.-DDD	<0.10		µg/L	WA
0	Beryllium	<30		µg/L	GE	0	P.P.-DDD	<0.11		µg/L	WA
0	Beryllium	<30		µg/L	WA	0	P.P.-DDD	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDD	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	GE	0	P.P.-DDE	<0.10		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDE	<0.10		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	GE	0	P.P.-DDE	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.10		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.10		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	GE	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA	0	P.P.-DDT	<0.11		µg/L	WA
0	Bis(2-chloroethoxy) methane</										

SAMPLING BLANK RESULTS

WELL QA 60A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Dibromomethane	< 1.0		µg/L	GE
0	Dibromomethane	< 10		µg/L	WA
0	Dibromomethane	< 10		µg/L	WA
0	Dibromomethane	< 10		µg/L	WA
0	Di-n-butyl phthalate	< 10		µg/L	GE
0	Di-n-butyl phthalate	< 11		µg/L	WA
0	1,2-Dichlorobenzene	< 10		µg/L	GE
0	1,2-Dichlorobenzene	< 11		µg/L	WA
0	1,3-Dichlorobenzene	< 10		µg/L	GE
0	1,3-Dichlorobenzene	< 11		µg/L	WA
0	1,4-Dichlorobenzene	< 10		µg/L	GE
0	1,4-Dichlorobenzene	< 11		µg/L	WA
0	3,3'-Dichlorobenzidine	< 10		µg/L	GE
0	3,3'-Dichlorobenzidine	< 22		µg/L	WA
0	trans-1,4-Dichloro-2-butene	< 30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 100		µg/L	WA
0	trans-1,4-Dichloro-2-butene	< 100		µg/L	WA
0	trans-1,4-Dichloro-2-butene	< 100		µg/L	WA
0	Dichlorodifluoromethane	< 1.0		µg/L	GE
0	Dichlorodifluoromethane	< 10		µg/L	WA
0	Dichlorodifluoromethane	< 10		µg/L	WA
0	Dichlorodifluoromethane	< 10		µg/L	WA
0	1,1-Dichloroethane	< 1.0		µg/L	GE
0	1,1-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 1.0		µg/L	GE
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 1.0		µg/L	GE
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	Dichloromethane	< 1.0		µg/L	GE
0	Dichloromethane	< 5.0		µg/L	WA
0	Dichloromethane	< 5.0		µg/L	WA
0	Dichloromethane	< 5.0		µg/L	WA
0	2,4-Dichlorophenol	< 1.0		µg/L	GE
0	2,4-Dichlorophenol	< 11		µg/L	WA
0	2,6-Dichlorophenol	< 10		µg/L	GE
0	2,6-Dichlorophenol	< 11		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	JQ6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 12		µg/L	WA
0	1,2-Dichloropropane	< 1.0		µg/L	GE
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 1.0		µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 1.0		µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	Dieldrin	< 0.50		µg/L	GE
0	Dieldrin	< 0.50		µg/L	GE
0	Dieldrin	< 0.11		µg/L	WA
0	Diethyl phthalate	< 10		µg/L	GE
0	Diethyl phthalate	< 11		µg/L	WA
0	Dimethoate	< 10		µg/L	GE
0	2,4-Dimethyl phenol	< 10		µg/L	GE
0	2,4-Dimethyl phenol	< 11		µg/L	WA
0	Dimethyl phthalate	< 10		µg/L	GE
0	Dimethyl phthalate	< 11		µg/L	WA
0	p-Dimethylaminoazobenzene	< 10		µg/L	GE
0	p-Dimethylaminoazobenzene	< 11		µg/L	WA
0	Dimethylbenz[a]anthracene	< 10		µg/L	GE
0	Dimethylbenz[a]anthracene	< 11		µg/L	WA
0	3,3'-Dimethylbenzidine	< 10		µg/L	GE
0	3,3'-Dimethylbenzidine	< 11		µg/L	WA
0	a,a-Dimethylphenethylamine	< 10		µg/L	GE
0	a,a-Dimethylphenethylamine	< 11		µg/L	WA
0	1,3-Dinitrobenzene	< 10		µg/L	GE
0	1,3-Dinitrobenzene	< 11		µg/L	WA
0	2,4-Dinitrophenol	< 45		µg/L	GE
0	2,4-Dinitrophenol	< 55		µg/L	WA
0	2,4-Dinitrotoluene	< 10		µg/L	GE
0	2,4-Dinitrotoluene	< 11		µg/L	WA
0	2,6-Dinitrotoluene	< 10		µg/L	GE
0	2,6-Dinitrotoluene	< 11		µg/L	WA
0	Di-n-octyl phthalate	< 10		µg/L	GE
0	Di-n-octyl phthalate	< 11		µg/L	WA
0	1,4-Dioxane	< 10		µg/L	GE
0	1,4-Dioxane	< 11		µg/L	WA
0	Diphenylamine	< 10		µg/L	GE
0	Diphenylamine	< 11		µg/L	WA
0	Disulfoton	< 10		µg/L	GE
0	Endosulfan I	< 0.10		µg/L	GE
0	Endosulfan I	< 0.10		µg/L	GE
0	Endosulfan I	< 0.058		µg/L	WA
0	Endosulfan II	< 0.10		µg/L	GE
0	Endosulfan II	< 0.10		µg/L	GE
0	Endosulfan II	< 0.11		µg/L	WA
0	Endosulfan sulfate	< 0.10		µg/L	GE
0	Endosulfan sulfate	< 0.10		µg/L	GE

WELL QA 60A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Endosulfan sulfate	< 0.11		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Endrin aldehyde	< 0.10		µg/L	GE
0	Endrin aldehyde	< 0.10		µg/L	GE
0	Endrin aldehyde	< 0.11		µg/L	WA
0	Ethyl methacrylate	< 10		µg/L	GE
0	Ethyl methacrylate	< 11		µg/L	WA
0	Ethyl methanesulfonate	< 10		µg/L	GE
0	Ethyl methanesulfonate	< 11		µg/L	WA
0	Ethylbenzene	< 1.0		µg/L	GE
0	Ethylbenzene	< 5.0		µg/L	WA
0	Ethylbenzene	< 5.0		µg/L	WA
0	Ethylbenzene	< 5.0		µg/L	WA
0	Famphur	< 10		µg/L	GE
0	Fluoranthene	< 10		µg/L	GE
0	Fluoranthene	< 11		µg/L	WA
0	Fluorene	< 10		µg/L	GE
0	Fluorene	< 11		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Heptachlor	< 0.050		µg/L	GE
0	Heptachlor	< 0.050		µg/L	GE
0	Heptachlor	< 0.058		µg/L	WA
0	Heptachlor epoxide	< 0.050		µg/L	GE
0	Heptachlor epoxide	< 0.050		µg/L	GE
0	Heptachlor epoxide	< 0.058		µg/L	WA
0	1,2,3,4,6,7,8-HPCDD	< 0.00065		µg/L	GE
0	Heptachlorodibenzo p dioxins	< 0.00065		µg/L	GE
0	1,2,3,4,6,7,8-HPCDF	< 0.00045		µg/L	GE
0	Heptachlorodibenzo p furans	< 0.00045		µg/L	GE
0	Hexachlorobenzene	< 10		µg/L	GE
0	Hexachlorobenzene	< 11		µg/L	WA
0	Hexachlorobutadiene	< 10		µg/L	GE
0	Hexachlorobutadiene	< 11		µg/L	WA
0	Hexachlorocyclopentadiene	< 10		µg/L	GE
0	Hexachlorocyclopentadiene	< 11		µg/L	WA
0	1,2,3,4,7,8-HxCDD	< 0.00045		µg/L	GE
0	Hexachlorodibenzo p dioxins	< 0.00045		µg/L	GE
0	Hexachlorodibenzo p dioxins	< 0.00030		µg/L	WA
0	1,2,3,4,7,8-HxCDF	< 0.00040		µg/L	GE
0	Hexachlorodibenzo p furans	< 0.00040		µg/L	GE
0	Hexachlorodibenzo p furans	< 0.00020		µg/L	WA
0	Hexachloroethane	< 10		µg/L	GE
0	Hexachloroethane	< 11		µg/L	WA
0	Hexachlorophene	< 10		µg/L	GE
0	Hexachlorophene	< 99		µg/L	WA
0	Hexachloropropene	< 10		µg/L	GE
0	Hexachloropropene	< 11		µg/L	WA
0	2-Hexanone	< 1.0		µg/L	GE
0	2-Hexanone	< 10		µg/L	WA
0	2-Hexanone	< 10		µg/L	WA
0	2-Hexanone	< 10		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	< 10		µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 11		µg/L	WA
0	Iodomethane (Methyl iodide)	< 15		µg/L	GE
0	Iodomethane (Methyl iodide)	< 10		µg/L	WA
0	Iodomethane (Methyl iodide)	< 10		µg/L	WA
0	Iodomethane (Methyl iodide)	< 10		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	WA
0	Isobutyl alcohol	< 100		µg/L	GE
0	Isobutyl alcohol	< 20		µg/L	WA
0	Isobutyl alcohol	< 20		µg/L	WA
0	Isobutyl alcohol	< 20		µg/L	WA
0	Isodrin	< 10		µg/L	GE
0	Isodrin	< 0.11		µg/L	WA
0	Isophorone	< 10		µg/L	GE
0	Isophorone	< 11		µg/L	WA
0	Isosafrole	< 10		µg/L	GE
0	Isosafrole	< 11		µg/L	WA
0	Kepone	< 10		µg/L	GE
0	Kepone	< 0.11		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.058		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 11		µg/L	WA
0	Manganese	< 2.0	J1	µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methacrylonitrile	< 50		µg/L	GE
0	Methacrylonitrile	< 20		µg/L	WA
0	Methacrylonitrile	< 20		µg/L	WA
0	Methacrylonitrile	< 20		µg/L	WA
0	Methapyrene	< 10		µg/L	GE
0	Methapyrene	< 11		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.58		µg/L	WA
0	2-Methyl 4,6 dinitrophenol	< 55		µg/L	WA
0	2-Methyl 4,6 dinitrophenol	< 10		µg/L	GE
0	Methyl ethyl ketone	< 1.0		µg/L	GE
0	Methyl ethyl ketone	< 10		µg/L	WA
0	Methyl ethyl ketone	< 10		µg/L	WA
0	Methyl ethyl ketone	< 10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 80A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Methyl methacrylate	<10		µg/L	GE
0	Methyl methacrylate	<11		µg/L	WA
0	Methyl methanesulfonate	<10		µg/L	GE
0	Methyl methanesulfonate	<11		µg/L	WA
0	3-Methylcholanthrene	<10		µg/L	GE
0	3-Methylcholanthrene	<11		µg/L	WA
0	2-Methylnaphthalene	<10		µg/L	GE
0	2-Methylnaphthalene	<11		µg/L	WA
0	Naphthalene	<10		µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	1,4-Naphthoquinone	<10		µg/L	GE
0	1,4-Naphthoquinone	<11		µg/L	WA
0	1-Naphthylamine	<10		µg/L	GE
0	1-Naphthylamine	<11		µg/L	WA
0	2-Naphthylamine	<10		µg/L	GE
0	2-Naphthylamine	<11		µg/L	WA
0	Nickel	<4.0		µg/L	WA
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	54		µg/L	WA
0	Nitrate-nitrite as nitrogen	170		µg/L	GE
0	o-Nitroaniline	<10		µg/L	GE
0	o-Nitroaniline	<55		µg/L	WA
0	m-Nitroaniline	<10		µg/L	GE
0	m-Nitroaniline	<55		µg/L	WA
0	p-Nitroaniline	<10		µg/L	GE
0	p-Nitroaniline	<55		µg/L	WA
0	Nitrobenzene	<10		µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10		µg/L	GE
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<10		µg/L	GE
0	4-Nitrophenol	<55		µg/L	WA
0	4-Nitroquinoline-1-oxide	<10		µg/L	GE
0	4-Nitroquinoline-1-oxide	<22		µg/L	WA
0	N-Nitrosodi-n-butylamine	<10		µg/L	GE
0	N-Nitrosodi-n-butylamine	<11		µg/L	WA
0	N-Nitrosodimethylamine	<10		µg/L	GE
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10		µg/L	GE
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10		µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	N-Nitrosomethylethylamine	<10		µg/L	GE
0	N-Nitrosomethylethylamine	<11		µg/L	WA
0	N-Nitrosomorpholine	<10		µg/L	GE
0	N-Nitrosomorpholine	<11		µg/L	WA
0	N-Nitrosopiperidine	<10		µg/L	GE
0	N-Nitrosopiperidine	<55		µg/L	WA
0	N-Nitrosopyrrolidine	<10		µg/L	GE
0	N-Nitrosopyrrolidine	<11		µg/L	WA
0	5-Nitro-o-toluidine	<10		µg/L	GE
0	5-Nitro-o-toluidine	<11		µg/L	WA
0	O,O,O-Triethyl phosphorothioate	<10		µg/L	GE
0	Octachlorodibenzo-p-dioxins	<0.0010		µg/L	GE
0	Octachlorodibenzo-p-furans	<0.0010		µg/L	GE
0	Parathion	<0.050		µg/L	GE
0	Parathion	<0.050		µg/L	GE
0	Parathion methyl	<0.050		µg/L	GE
0	Parathion methyl	<0.050		µg/L	GE
0	PCB 1018	<0.50		µg/L	GE
0	PCB 1018	<0.50		µg/L	WA
0	PCB 1018	<0.58		µg/L	WA
0	PCB 1221	<0.50		µg/L	GE
0	PCB 1221	<0.50		µg/L	WA
0	PCB 1221	<0.58		µg/L	WA
0	PCB 1232	<0.50		µg/L	GE
0	PCB 1232	<0.50		µg/L	WA
0	PCB 1232	<0.58		µg/L	WA
0	PCB 1242	<0.50		µg/L	GE
0	PCB 1242	<0.50		µg/L	WA
0	PCB 1242	<0.58		µg/L	WA
0	PCB 1248	<0.50		µg/L	GE
0	PCB 1248	<0.50		µg/L	WA
0	PCB 1254	<0.50		µg/L	GE
0	PCB 1254	<0.50		µg/L	WA
0	PCB 1254	<1.1		µg/L	WA
0	PCB 1280	<0.50		µg/L	GE
0	PCB 1280	<0.50		µg/L	WA
0	PCB 1280	<1.1		µg/L	WA
0	Pentachlorobenzene	<10		µg/L	GE
0	Pentachlorobenzene	<11		µg/L	WA
0	1,2,3,7,8-PCDD	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.00060		µg/L	WA
0	Pentachlorodibenzo-p-furans	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-furans	<0.00050		µg/L	WA
0	1,2,3,7,8-PCDF	<0.00055		µg/L	GE
0	Pentachloroethane	<10		µg/L	GE
0	Pentachloroethane	<11		µg/L	WA
0	Pentachloronitrobenzene	<10		µg/L	GE
0	Pentachloronitrobenzene	<55		µg/L	WA
0	Pentachlorophenol	<10		µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA

WELL QA 80A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Phenacetin	<10		µg/L	GE
0	Phenacetin	<11		µg/L	WA
0	Phenanthrene	<10		µg/L	GE
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10		µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	p-Phenylenediamine	<10		µg/L	GE
0	p-Phenylenediamine	<0.10		µg/L	WA
0	Phorate	<0.10		µg/L	GE
0	Phorate	<0.10		µg/L	WA
0	2-Picoline	<11		µg/L	GE
0	2-Picoline	<11		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pronamid	<10		µg/L	GE
0	Pronamid	<11		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Propionitrile	<50		µg/L	WA
0	Propionitrile	<50		µg/L	WA
0	Pyrene	<10		µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Pyridine	<10		µg/L	GE
0	Pyridine	<11		µg/L	WA
0	Safrole	<10		µg/L	GE
0	Safrole	<11		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	180		µg/L	GE
0	Silica	305		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<24		µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Styrene	<5.0		µg/L	WA
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfide	<1,000		µg/L	GE
0	Sulfide	<1,000		µg/L	WA
0	Sulfide	<1,000		µg/L	WA
0	Sulfatepp	<10		µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10		µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<11		µg/L	WA
0	2,3,7,8-TCDD	<0.00045		µg/L	GE
0	2,3,7,8-TCDD	<0.00030		µg/L	WA
0	2,3,7,8-TCDD	<0.00040		µg/L	GE
0	Tetrachlorodibenzo-p-dioxins	<0.00045		µg/L	GE
0	Tetrachlorodibenzo-p-dioxins	<0.00050		µg/L	WA
0	Tetrachlorodibenzo-p-furans	<0.00040		µg/L	GE
0	Tetrachlorodibenzo-p-furans	<0.00040		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	WA
0	2,3,4,6-Tetrachlorophenol	<10		µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<11		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Thionazin	<10		µg/L	GE
0	Tin	<2.0		µg/L	GE
0	Tin	<8.6		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Toluene	<5.0		µg/L	WA
0	o-Toluidine	<10		µg/L	GE
0	o-Toluidine	<11		µg/L	WA
0	Total dissolved solids	10,000	V	µg/L	GE
0	Total dissolved solids	71,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	201		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ6	µg/L	GE
0	2,4,5-TP (Silvex)	<0.59		µg/L	WA
0	1,2,4-Trichlorobenzene	<10		µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 60A collected on 03/02/93 laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	Trichloroethylene	< 1.0		µg/L	GE
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 1.0		µg/L	GE
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	2,4,5-Trichlorophenol	< 1.0		µg/L	GE
0	2,4,5-Trichlorophenol	< 5.5		µg/L	WA
0	2,4,6-Trichlorophenol	< 1.0		µg/L	GE
0	2,4,6-Trichlorophenol	< 1.1		µg/L	WA
0	2,4,5-T	< 0.090	JQ6	µg/L	GE
0	1,2,3-Trichloropropane	< 1.0		µg/L	GE
0	1,2,3-Trichloropropane	< 1.0		µg/L	WA
0	1,2,3-Trichloropropane	< 1.0		µg/L	WA
0	1,2,3-Trichloropropane	< 1.0		µg/L	WA
0	1,3,5-Trinitrobenzene	< 1.0		µg/L	GE
0	1,3,5-Trinitrobenzene	< 1.1		µg/L	WA
0	Vanadium	< 8.0		µg/L	GE
0	Vanadium	< 3.0		µg/L	WA
0	Vinyl acetate	< 1.0		µg/L	GE
0	Vinyl acetate	< 1.0		µg/L	WA
0	Vinyl acetate	< 1.0		µg/L	WA
0	Vinyl acetate	< 1.0		µg/L	GE
0	Xylenes	< 2.0		µg/L	GE
0	Xylenes	< 5.0		µg/L	WA
0	Xylenes	< 5.0		µg/L	WA
0	Xylenes	< 5.0		µg/L	WA
0	Zinc	< 2.0		µg/L	GE
0	Zinc	5.7	J3	µg/L	WA
0	Actinium-228	< 3.0E-08		µCi/mL	GP
0	Actinium-228	< 3.0E-08		µCi/mL	GP
0	Americium-241	< 1.0E-09		µCi/mL	GP
0	Americium-241	< 1.0E-09	Y	µCi/mL	CN
0	Antimony-125	< 2.0E-08		µCi/mL	GP
0	Antimony-125	< 2.0E-08		µCi/mL	GP
0	Antimony-125	< 2.5E-08	Y	µCi/mL	CN
0	Cerium-144	< 8.0E-08		µCi/mL	GP
0	Cerium-144	< 8.0E-08		µCi/mL	GP
0	Cerium-144	< 5.0E-08	Y	µCi/mL	CN
0	Cesium-134	< 1.0E-08		µCi/mL	GP
0	Cesium-134	< 1.0E-08		µCi/mL	GP
0	Cesium-134	< 1.0E-08	Y	µCi/mL	CN
0	Cesium-137	< 1.0E-08		µCi/mL	GP
0	Cesium-137	< 1.0E-08	Y	µCi/mL	CN
0	Cobalt-57	< 1.0E-08		µCi/mL	GP
0	Cobalt-57	< 1.0E-08		µCi/mL	GP
0	Cobalt-57	< 1.0E-08	Y	µCi/mL	CN
0	Cobalt-60	< 1.0E-08		µCi/mL	GP
0	Cobalt-60	< 1.0E-08		µCi/mL	GP
0	Cobalt-60	< 1.2E-08	Y	µCi/mL	CN
0	Curium-242	< 1.0E-09		µCi/mL	GP
0	Curium-242	< 1.0E-09	Y	µCi/mL	GP
0	Curium-243/244	< 1.0E-09		µCi/mL	CN
0	Curium-243/244	< 1.0E-09	Y	µCi/mL	CN
0	Curium-245/248	< 4.0E-08		µCi/mL	GP
0	Europium-152	< 4.0E-08		µCi/mL	GP
0	Europium-152	< 5.0E-08	Y	µCi/mL	CN
0	Europium-154	< 2.0E-08		µCi/mL	GP
0	Europium-154	< 2.5E-08	Y	µCi/mL	CN
0	Europium-155	< 3.0E-08		µCi/mL	GP
0	Europium-155	< 3.0E-08		µCi/mL	GP
0	Europium-155	< 2.5E-08	Y	µCi/mL	CN
0	Europium-155	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 5.0E-10		µCi/mL	TM
0	Gross alpha	< 2.0E-09		µCi/mL	GP
0	Iodine-129	< 2.0E-09		µCi/mL	GP
0	Iodine-129	< 2.0E-09		µCi/mL	CN
0	Iodine-129	< 2.0E-09		µCi/mL	GP
0	Lead-212	< 1.5E-08		µCi/mL	GP
0	Lead-212	< 1.5E-08		µCi/mL	GP
0	Manganese-54	< 1.0E-08		µCi/mL	GP
0	Manganese-54	< 1.0E-08		µCi/mL	GP
0	Manganese-54	< 1.0E-08	Y	µCi/mL	CN
0	Neptunium-237	< 1.0E-09		µCi/mL	GP
0	Neptunium-237	1.0E-09 ± 6.9E-10	Y	µCi/mL	CN
0	Neptunium-237	< 1.0E-09		µCi/mL	GP
0	Nonvolatile beta	< 2.0E-09		µCi/mL	TM
0	Nonvolatile beta	< 6.0E-10		µCi/mL	GP
0	Plutonium-238	< 1.0E-09		µCi/mL	GP
0	Plutonium-238	< 1.0E-09		µCi/mL	CN
0	Plutonium-238	< 1.0E-09	Y	µCi/mL	CN
0	Plutonium-239/240	< 1.0E-09		µCi/mL	GP
0	Plutonium-239/240	< 1.0E-09		µCi/mL	GP
0	Potassium-40	< 1.1E-07		µCi/mL	GP
0	Potassium-40	< 1.1E-07		µCi/mL	GP
0	Potassium-40	< 2.5E-07	Y	µCi/mL	CN
0	Promethium-144	< 1.0E-08		µCi/mL	GP
0	Promethium-144	< 1.0E-08		µCi/mL	GP
0	Promethium-144	< 1.0E-08	Y	µCi/mL	CN
0	Promethium-148	< 1.0E-08		µCi/mL	GP
0	Promethium-148	< 1.0E-08		µCi/mL	GP
0	Promethium-148	< 2.3E-08	Y	µCi/mL	CN
0	Radium-228	< 2.2E-10		µCi/mL	TM
0	Radium-228	1.3E-09 ± 9.0E-10		µCi/mL	TM

WELL QA 60A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Radium, total alpha-emitting	< 1.0E-09		µCi/mL	GE
0	Ruthenium-106	< 9.0E-08		µCi/mL	GP
0	Ruthenium-106	< 9.0E-08		µCi/mL	GP
0	Ruthenium-106	< 8.0E-08	Y	µCi/mL	CN
0	Sodium-22	< 1.0E-08		µCi/mL	GP
0	Sodium-22	< 1.0E-08		µCi/mL	GP
0	Sodium-22	< 1.0E-08	Y	µCi/mL	CN
0	Strontium-90	< 2.0E-09		µCi/mL	GP
0	Strontium-90	< 2.0E-09	Y	µCi/mL	CN
0	Technetium-99	< 3.0E-07		µCi/mL	GP
0	Technetium-99	< 3.0E-07		µCi/mL	CN
0	Thorium-228	< 1.0E-09		µCi/mL	GP
0	Thorium-228	< 1.0E-09		µCi/mL	CN
0	Thorium-228	< 1.0E-09	Y	µCi/mL	GP
0	Thorium-230	< 1.0E-09		µCi/mL	GP
0	Thorium-230	< 1.0E-09	Y	µCi/mL	CN
0	Thorium-232	< 1.0E-09		µCi/mL	GP
0	Thorium-232	< 1.0E-09	Y	µCi/mL	CN
0	Thorium-232	< 3.5E-07		µCi/mL	GP
0	Thorium-234	< 3.5E-07		µCi/mL	GP
0	Thorium-234	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.7E-07		µCi/mL	TM
0	Uranium-233/234	< 1.0E-09		µCi/mL	GP
0	Uranium-233/234	< 1.0E-09	Y	µCi/mL	CN
0	Uranium-235	< 1.0E-09		µCi/mL	GP
0	Uranium-235	< 1.0E-09	Y	µCi/mL	CN
0	Uranium-238	< 1.0E-09		µCi/mL	GP
0	Uranium-238	< 1.0E-09	Y	µCi/mL	CN
0	Yttrium-88	< 8.0E-08		µCi/mL	GP
0	Yttrium-88	< 6.0E-08		µCi/mL	GP
0	Yttrium-88	< 1.0E-08	Y	µCi/mL	CN
0	Zinc-65	< 2.0E-08		µCi/mL	GP
0	Zinc-65	< 2.0E-08		µCi/mL	GP
0	Zinc-65	< 2.3E-08	Y	µCi/mL	CN

WELL QA 62A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Turbidity: 0 NTU

Time: 12:50
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 15.8°C
Air temperature: 10.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.8	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Turbidity	< 0.10	JQ	NTU	GE
0	Turbidity	< 0.10	JQ	NTU	WA
0	Turbidity	0.37	JQ	NTU	WA
0	Acetophenone	< 1.0	J1	µg/L	WA
0	Acetophenone	< 1.1		µg/L	WA
0	Aluminum	< 2.0		µg/L	WA
0	Aluminum	< 2.0		µg/L	GE
0	Antimony	< 2.0		µg/L	WA
0	Antimony	< 3.0		µg/L	WA
0	Arsenic	< 2.0		µg/L	WA
0	Arsenic	< 2.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Barium	< 1.0		µg/L	GE
0	Benzene	< 5.0		µg/L	WA
0	Benzene	< 5.0		µg/L	WA
0	Bromodichloromethane	< 1.0		µg/L	GE
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromoform	< 1.0		µg/L	GE
0	Bromoform	< 5.0		µg/L	WA
0	Bromoform	< 5.0		µg/L	WA
0	Bromoform	< 5.0		µg/L	WA
0	Bromomethane	< 1.0		µg/L	GE
0	Bromomethane	< 10		µg/L	WA
0	Bromomethane	< 10		µg/L	WA
0	Bromomethane	< 10		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA
0	Calcium	< 10		µg/L	GE
0	Calcium	24	J3	µg/L	WA
0	Carbon tetrachloride	< 1.0		µg/L	GE
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Chloride	260		µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chloride	< 1.0		µg/L	GE
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chlorobenzene	< 1.0		µg/L	GE
0	Chloroethane	< 10		µg/L	WA
0	Chloroethane	< 10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 62A collected on 02/19/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroethane	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloroform	<5.0		µg/L	WA
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
1	Chloromethane	8.7	J	µg/L	WA
1	Chloromethane	8.8	J	µg/L	WA
1	Chloromethane	8.5	J	µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
1	Dichloromethane	3.8		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	Dichloromethane	<5.0		µg/L	WA
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.12		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Ethylbenzene	<5.0		µg/L	WA
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.059		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.59		µg/L	GE
0	Methoxychlor	<0.59		µg/L	WA
0	Naphthalene	<10	J1	µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<47		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	59	J3V	µg/L	WA

WELL QA 62A collected on 02/19/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	10,000	V	µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Xylenes	<5.0		µg/L	WA
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<7.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	1.0E-09 ± 1.8E-09		µCi/mL	TM
0	Radium-226	3.2E-10 ± 2.2E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.7E-07		µCi/mL	TM

WELL QA 64A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/93
Depth to water: Not available
Water elevation: Not available
Sp. conductivity: 7 µS/cm
Turbidity: 0 NTU

Time: 12:32
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C
Air temperature: 24.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	JQ	pH	GE
0	pH	5.2	JQ	pH	GE
0	pH	5.0	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
2	Aluminum	52		µg/L	GE
0	Aluminum	<20		µg/L	WA
1	Antimony	3.8		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromofluoromethane	<1.0		µg/L	GE
0	Bromofluoromethane	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	15	J2	µg/L	GE
0	Calcium	32	J3	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 64A collected on 01/04/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0		µg/L	WA
0	Chloroform	<5.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0090		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.056		µg/L	WA
0	Magnesium	2.2		µg/L	GE
0	Magnesium	<1.1		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<2.0		µg/L	WA
0	Nitrate-nitrite as nitrogen	<5.0		µg/L	GE
0	Nitrate-nitrite as nitrogen	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	9.660	J2	µg/L	GE
0	Silica	8.670		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	3.420		µg/L	GE
0	Sodium	3.280		µg/L	WA
0	Sulfate	<1.000		µg/L	GE
0	Sulfate	<1.000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	16.000	V	µg/L	GE
0	Total dissolved solids	6.000		µg/L	WA
0	Total organic carbon	<1.000		µg/L	GE
0	Total organic carbon	<1.000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<5.0		µg/L	GE
0	Total phosphates (as P)	<5.0		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA

WELL QA 64A collected on 01/04/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	2,4,5-TP (Silver)	<0.090		µg/L	GE
0	2,4,5-TP (Silver)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	4.4	J3	µg/L	WA
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	CN
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	CN
0	Curium-245/246	<1.0E-09		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<4.0E-10		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	CN
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<4.5E-08		µCi/mL	GP
0	Neptunium-237	<4.5E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GP
0	Nonvolatile beta	<5.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Potassium-40	<2.5E-07		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<2.8E-10		µCi/mL	TM
0	Radium-228	<1.0E-09		µCi/mL	GP
0	Radium-228	<1.0E-09		µCi/mL	CN
0	Radium-228	5.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GP
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	CN
2	Strontium-89	8.0E-07 ± 8.6E-09		µCi/mL	GP
0	Strontium-89	<2.0E-09		µCi/mL	CN
0	Strontium-90	<2.0E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN

SAMPLING BLANK RESULTS

WELL QA 64A collected on 01/04/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 66A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 8:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 15.8°C
Air temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	15	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	43	V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0	J1	µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE

WELL QA 66A collected on 01/22/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<2.3		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	4.5	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	30	J3V	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	48		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	64	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	38,000		µg/L	GE
0	Total dissolved solids	5,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	18		µg/L	GE
0	Total organic halogens	17		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	90		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	2,4,5-TP (Silvex)	<1.2		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	4.3	J3V	µg/L	WA
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	CN
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	CN
0	Curium-245/246	<1.0E-09		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	GP

SAMPLING BLANK RESULTS

WELL QA 66A collected on 01/22/93, laboratory analyses (cont.)

WELL QA 68A collected on 01/15/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Europlum-152	<5.0E-08		µCi/mL	CN
0	Europlum-154	<2.0E-08		µCi/mL	GP
0	Europlum-154	<2.5E-08		µCi/mL	CN
0	Europlum-155	<3.0E-08		µCi/mL	GP
0	Europlum-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	CN
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neplunium-237	<4.5E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<1.8E-10		µCi/mL	TM
0	Radium-228	<1.0E-09		µCi/mL	GP
0	Radium-228	<1.0E-09		µCi/mL	CN
0	Radium-228	6.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	CN
0	Ruthenium-103	<1.0E-08		µCi/mL	GP
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Strontium-89	<2.0E-09		µCi/mL	GP
0	Strontium-89	<2.0E-09		µCi/mL	CN
0	Strontium-90	2.3E-09 ± 1.4E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	5.1E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

F	Analyte	Result	Mod	Unit	Lab
0	Barium	<3.0	J3V	µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	GE
0	Calcium	25		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0	µg/L	GE	
0	Chromium	<4.0	µg/L	WA	
0	Cobalt	<4.0	µg/L	GE	
0	Cobalt	<4.0	µg/L	GE	
0	Cobalt	<4.0	µg/L	WA	
0	Copper	<4.0	µg/L	GE	
0	Copper	<4.0	µg/L	GE	
0	Copper	<4.0	µg/L	WA	
0	Cyanide	<5.0	µg/L	GE	
0	Cyanide	<5.0	µg/L	WA	
0	Dibromochloromethane	<1.0	µg/L	GE	
0	Dibromochloromethane	<5.0	µg/L	WA	
0	1,1-Dichloroethane	<1.0	µg/L	GE	
0	1,1-Dichloroethane	<5.0	µg/L	WA	
0	1,2-Dichloroethane	<1.0	µg/L	GE	
0	1,2-Dichloroethane	<5.0	µg/L	WA	
0	1,1-Dichloroethylene	<1.0	µg/L	GE	
0	1,1-Dichloroethylene	<5.0	µg/L	GE	
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE	
0	trans-1,2-Dichloroethylene	<5.0	µg/L	WA	
0	Dichloromethane	<1.0	µg/L	GE	
0	Dichloromethane	<5.0	µg/L	WA	
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE	
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	WA	
0	1,2-Dichloropropane	<1.0	µg/L	GE	
0	1,2-Dichloropropane	<5.0	µg/L	WA	
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE	
0	cis-1,3-Dichloropropene	<5.0	µg/L	WA	
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE	
0	trans-1,3-Dichloropropene	<5.0	µg/L	WA	
0	Endrin	<0.0060	µg/L	GE	
0	Endrin	<0.11	µg/L	WA	
0	Ethylbenzene	<1.0	µg/L	GE	
0	Ethylbenzene	<5.0	µg/L	WA	
0	Fluoride	<100	µg/L	GE	
0	Fluoride	<100	µg/L	WA	
0	Iron	<4.0	µg/L	GE	
0	Iron	<4.0	µg/L	GE	
0	Iron	<4.0	µg/L	WA	
0	Lead	<3.0	µg/L	GE	
0	Lead	<3.0	µg/L	WA	
0	Lindane	<0.0050	µg/L	GE	
0	Lindane	<0.058	µg/L	WA	
0	Magnesium	<2.0	µg/L	GE	
0	Magnesium	<2.0	µg/L	GE	
0	Magnesium	19	µg/L	WA	
0	Manganese	<2.0	µg/L	GE	
0	Manganese	<2.0	µg/L	GE	
0	Manganese	<2.0	µg/L	WA	
0	Mercury	<0.20	µg/L	GE	
0	Mercury	<0.20	µg/L	WA	
0	Methoxychlor	<0.50	µg/L	GE	
0	Methoxychlor	<0.58	µg/L	WA	
0	Nickel	<4.0	µg/L	GE	
0	Nickel	<4.0	µg/L	GE	
0	Nickel	<4.0	µg/L	WA	
0	Nitrate as nitrogen	<20	µg/L	WA	
0	Nitrate-nitrite as nitrogen	130	µg/L	GE	
0	Phenols	<5.0	µg/L	GE	
0	Phenols	<5.0	µg/L	WA	
0	Potassium	<500	µg/L	GE	
0	Potassium	<500	µg/L	GE	
0	Potassium	<500	µg/L	WA	
0	Selenium	<2.0	µg/L	GE	
0	Selenium	<2.0	µg/L	WA	
0	Silica	<100	µg/L	GE	
0	Silica	<100	µg/L	GE	

WELL QA 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 $\mu\text{S}/\text{cm}$
Turbidity: 0 NTU

Time: 8:31
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 22.2°C
Air temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.2	JQ	pH	GE
0	pH	5.7	JQ	pH	WA
0	Specific conductance	4.0		$\mu\text{S}/\text{cm}$	GE
0	Specific conductance	14	JQ	$\mu\text{S}/\text{cm}$	WA
0	Aluminum	<20		$\mu\text{g}/\text{L}$	GE
0	Aluminum	<20		$\mu\text{g}/\text{L}$	GE
0	Aluminum	<20		$\mu\text{g}/\text{L}$	WA
0	Antimony	<2.0		$\mu\text{g}/\text{L}$	GE
0	Antimony	<3.0		$\mu\text{g}/\text{L}$	WA
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	GE
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	WA
0	Barium	<3.0		$\mu\text{g}/\text{L}$	GE

SAMPLING BLANK RESULTS

WELL QA 68A collected on 01/15/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Silica	< 100		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Sodium	< 10		µg/L	WA
0	Sodium	< 10		µg/L	GE
0	Sodium	37	J3V	µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Sulfate	< 1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	Tetrachloroethylene	< 1.0		µg/L	GE
0	Tetrachloroethylene	< 5.0		µg/L	WA
0	Tin	< 2.0		µg/L	GE
0	Tin	< 2.0		µg/L	GE
0	Tin	< 6.6		µg/L	WA
0	Toluene	< 1.0		µg/L	GE
0	Toluene	< 5.0		µg/L	WA
0	Total dissolved solids	2,000	V	µg/L	GE
0	Total dissolved solids	3,000	JQ	µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	WA
0	Total phosphates (as P)	< 50		µg/L	GE
0	Total phosphates (as P)	< 50		µg/L	WA
0	Toxaphene	< 0.24		µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.58		µg/L	WA
0	1,1,1-Trichloroethane	< 1.0		µg/L	GE
0	1,1,1-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 1.0		µg/L	GE
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	Trichloroethylene	< 1.0		µg/L	GE
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 1.0		µg/L	GE
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Vanadium	< 8.0		µg/L	GE
0	Vanadium	< 8.0		µg/L	GE
0	Vanadium	< 3.0		µg/L	WA
0	Zinc	< 2.0		µg/L	GE
0	Zinc	< 2.0		µg/L	GE
0	Zinc	7.1	J3V	µg/L	WA
0	Americium-241	< 1.0E-09		µCi/mL	GP
0	Americium-241	< 1.0E-09		µCi/mL	CN
0	Antimony-125	< 2.0E-08		µCi/mL	GP
0	Antimony-125	< 2.5E-08		µCi/mL	CN
0	Cerium-144	< 6.0E-08		µCi/mL	GP
0	Cerium-144	< 5.0E-08		µCi/mL	CN
0	Cesium-134	< 1.0E-08		µCi/mL	GP
0	Cesium-134	< 1.0E-08		µCi/mL	CN
0	Cesium-137	< 1.0E-08		µCi/mL	GP
0	Cesium-137	< 1.0E-08		µCi/mL	CN
0	Cobalt-57	< 1.0E-08		µCi/mL	GP
0	Cobalt-57	< 1.0E-08		µCi/mL	CN
0	Cobalt-60	< 1.0E-08		µCi/mL	GP
0	Cobalt-60	< 1.2E-08		µCi/mL	CN
0	Curium-242	< 1.0E-09		µCi/mL	GP
0	Curium-242	< 1.0E-09		µCi/mL	CN
0	Curium-243/244	< 1.0E-09		µCi/mL	GP
0	Curium-243/244	< 1.0E-09		µCi/mL	CN
0	Curium-245/246	< 1.0E-09		µCi/mL	GP
0	Europlum-152	< 4.0E-08		µCi/mL	GP
0	Europlum-152	< 5.0E-08		µCi/mL	CN
0	Europlum-154	< 2.0E-08		µCi/mL	GP
0	Europlum-154	< 2.5E-08		µCi/mL	CN
0	Europlum-155	< 3.0E-08		µCi/mL	GP
0	Europlum-155	< 2.5E-08		µCi/mL	CN
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 4.0E-10		µCi/mL	TM
0	Iodine-129	< 2.0E-09		µCi/mL	GP
0	Iodine-129	< 2.0E-09		µCi/mL	CN
0	Manganese-54	< 1.0E-08		µCi/mL	GP
0	Manganese-54	< 1.0E-08		µCi/mL	CN
0	Neptunium-237	< 4.5E-08		µCi/mL	CN
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	1.8E-09 ± 1.6E-09		µCi/mL	TM
0	Plutonium-238	< 1.0E-09		µCi/mL	GP
0	Plutonium-238	< 1.0E-09		µCi/mL	CN
0	Plutonium-239/240	< 1.0E-09		µCi/mL	GP
0	Plutonium-239/240	< 1.0E-09		µCi/mL	CN
0	Potassium-40	< 1.1E-07		µCi/mL	GP
0	Potassium-40	< 2.5E-07		µCi/mL	CN
0	Promethium-144	< 1.0E-08		µCi/mL	GP
0	Promethium-144	< 1.0E-08		µCi/mL	CN
0	Promethium-146	< 1.0E-08		µCi/mL	GP
0	Promethium-146	< 2.3E-08		µCi/mL	CN
0	Radium-226	< 1.0E-09		µCi/mL	GP
0	Radium-226	< 2.2E-07		µCi/mL	CN
0	Radium-226	< 1.0E-09		µCi/mL	CN
0	Radium-226	< 1.0E-09		µCi/mL	TM
0	Radium-226	< 2.5E-10		µCi/mL	GP
0	Radium-228	1.1E-09 ± 9.0E-10		µCi/mL	CN
0	Radium-228	< 1.0E-09		µCi/mL	GP
0	Radium-228	< 3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	< 1.0E-09		µCi/mL	GE
0	Ruthenium-103	< 1.0E-08		µCi/mL	CN
0	Ruthenium-106	< 9.0E-08		µCi/mL	GP

WELL QA 68A collected on 01/15/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Ruthenium-106	< 8.0E-08		µCi/mL	CN
0	Sodium-22	< 1.0E-08		µCi/mL	GP
0	Sodium-22	< 1.0E-08		µCi/mL	CN
0	Strontium-89	< 2.0E-09		µCi/mL	GP
0	Strontium-89	< 2.0E-09		µCi/mL	CN
0	Strontium-90	< 2.0E-09		µCi/mL	GP
0	Strontium-90	< 2.0E-09		µCi/mL	CN
0	Technetium-99	< 3.0E-07		µCi/mL	GP
0	Technetium-99	< 3.0E-07		µCi/mL	CN
0	Thorium-228	< 1.0E-09		µCi/mL	GP
0	Thorium-228	< 1.0E-09		µCi/mL	CN
0	Thorium-228	< 4.0E-07		µCi/mL	CN
0	Thorium-230	1.3E-09 ± 7.6E-10		µCi/mL	GP
0	Thorium-230	< 1.0E-09		µCi/mL	CN
0	Thorium-232	< 1.0E-09		µCi/mL	GP
0	Thorium-232	< 1.0E-09		µCi/mL	CN
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.7E-07		µCi/mL	TM
0	Uranium-233/234	< 1.0E-09		µCi/mL	GP
0	Uranium-233/234	< 1.0E-09		µCi/mL	CN
0	Uranium-235	< 1.0E-09		µCi/mL	GP
0	Uranium-235	< 1.0E-09		µCi/mL	CN
0	Uranium-235	< 1.5E-08		µCi/mL	CN
0	Uranium-238	< 1.0E-09		µCi/mL	GP
0	Uranium-238	< 1.0E-09		µCi/mL	CN
0	Yttrium-88	< 6.0E-08		µCi/mL	GP
0	Yttrium-88	< 1.0E-08		µCi/mL	CN
0	Zinc-65	< 2.0E-08		µCi/mL	GP
0	Zinc-65	< 2.3E-08		µCi/mL	CN

WELL QA 70A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 10:49
pH: 4.4
Alkalinity: 1 mg/L
Water temperature: 14.3°C
Air temperature: 12.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.2	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	11	JQ	µS/cm	WA
0	Aluminum	< 20		µg/L	GE
0	Aluminum	< 20		µg/L	WA
0	Antimony	< 2.0		µg/L	GE
0	Antimony	< 3.0		µg/L	WA
0	Arsenic	< 2.0		µg/L	GE
0	Arsenic	< 2.0		µg/L	WA
0	Barium	< 3.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Benzene	< 1.0		µg/L	GE
0	Benzene	< 5.0		µg/L	WA
0	Benzene	< 5.0		µg/L	WA
0	Bromodichloromethane	< 1.0		µg/L	GE
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromoform	< 1.0		µg/L	GE
0	Bromoform	< 5.0		µg/L	WA
0	Bromoform	< 5.0		µg/L	WA
0	Bromoform	< 5.0		µg/L	WA
0	Bromomethane	< 1.0		µg/L	GE
0	Bromomethane	< 10		µg/L	WA
0	Bromomethane	< 10		µg/L	WA
0	Bromomethane	< 10		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA
0	Calcium	< 10	J1	µg/L	GE
0	Calcium	33	V	µg/L	WA
0	Carbon tetrachloride	< 1.0		µg/L	GE
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Chloride	< 250		µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chlorobenzene	< 1.0		µg/L	GE
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chloroethane	< 1.0		µg/L	GE
0	Chloroethane	< 10		µg/L	WA
0	Chloroethane	< 10		µg/L	WA
0	Chloroethane	< 10		µg/L	WA
0	Chloroethene (Vinyl chloride)	< 1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	< 10		µg/L	WA
0	Chloroethene (Vinyl chloride)	< 10		µg/L	WA
0	Chloroethene (Vinyl chloride)	< 10		µg/L	WA
0	2-Chloroethyl vinyl ether	< 1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	< 10		µg/L	WA
0	2-Chloroethyl vinyl ether	< 10		µg/L	WA
0	2-Chloroethyl vinyl ether	< 10		µg/L	WA
0	Chloroform	< 1.0		µg/L	GE
0	Chloroform	< 5.0		µg/L	WA
0	Chloroform	< 5.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 70A collected on 01/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	2.0	J	µg/L	WA
0	Chloromethane	2.4	J	µg/L	WA
0	Chloromethane	2.0	J	µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
1	Dichloromethane	4.2	V	µg/L	GE
2	Dichloromethane	5.0		µg/L	WA
0	Dichloromethane	<5.0		µg/L	WA
2	Dichloromethane	5.3		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Ethylbenzene	<5.0		µg/L	WA
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	8.4		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0	J3V	µg/L	GE
0	Magnesium	31		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	48		µg/L	WA
0	Nitrate nitrite as nitrogen	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	64	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA

WELL QA 70A collected on 01/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tin	<2.0		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	<1,000		µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	13		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.080		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	8.3	J3V	µg/L	WA
0	Americium 241	<1.0E-09		µCi/ml	GP
0	Americium 241	<1.0E-09		µCi/ml	CN
0	Antimony 125	<2.0E-08		µCi/ml	GP
0	Antimony 125	<2.5E-08		µCi/ml	CN
0	Cerium 144	<8.0E-08		µCi/ml	GP
0	Cerium 144	<5.0E-08		µCi/ml	CN
0	Cesium 134	<1.0E-08		µCi/ml	GP
0	Cesium 134	<1.0E-08		µCi/ml	CN
0	Cesium 137	<1.0E-08		µCi/ml	GP
0	Cesium 137	<1.0E-08		µCi/ml	CN
0	Cobalt 57	<1.0E-08		µCi/ml	GP
0	Cobalt 57	<1.0E-08		µCi/ml	CN
0	Cobalt 60	<1.0E-08		µCi/ml	GP
0	Cobalt 60	<1.2E-08		µCi/ml	CN
0	Curium 242	<1.0E-09		µCi/ml	GP
0	Curium 242	<1.0E-09		µCi/ml	CN
0	Curium 243/244	<1.0E-09		µCi/ml	GP
0	Curium 243/244	<1.0E-09		µCi/ml	CN
0	Curium 245/246	<1.0E-09		µCi/ml	GP
0	Europium 152	<4.0E-08		µCi/ml	GP
0	Europium 152	<5.0E-08		µCi/ml	CN
0	Europium 154	<2.0E-08		µCi/ml	GP
0	Europium 154	<2.5E-08		µCi/ml	CN
0	Europium 155	<3.0E-08		µCi/ml	GP
0	Europium 155	<2.5E-08		µCi/ml	CN
0	Gross alpha	<2.0E-09		µCi/ml	GE
0	Gross alpha	<5.0E-10		µCi/ml	IM
0	Iodine 129	<2.0E-09		µCi/ml	GP
0	Iodine 129	<2.0E-09		µCi/ml	CN
0	Manganese 54	<1.0E-08		µCi/ml	GP
0	Manganese 54	<1.0E-08		µCi/ml	CN
0	Neptunium 237	<4.5E-08		µCi/ml	CN
0	Nonvolatile beta	<2.0E-09		µCi/ml	GE
0	Nonvolatile beta	<1.0E-09 + 1.6E-09		µCi/ml	IM
0	Plutonium 238	<1.0E-09		µCi/ml	GP
0	Plutonium 238	<1.0E-09		µCi/ml	CN
0	Plutonium 238/240	<1.0E-09		µCi/ml	GP
0	Plutonium 238/240	<1.0E-09		µCi/ml	CN
0	Potassium 40	<1.1E-07		µCi/ml	GP
0	Potassium 40	<2.5E-07		µCi/ml	CN
0	Promethium 144	<1.0E-08		µCi/ml	GP
0	Promethium 144	<1.0E-08		µCi/ml	CN
0	Promethium 146	<1.0E-08		µCi/ml	GP
0	Promethium 146	<2.3E-08		µCi/ml	CN
0	Radium 226	<1.0E-09		µCi/ml	GP
0	Radium 226	<2.2E-07		µCi/ml	CN
0	Radium 226	<1.0E-09		µCi/ml	CN
0	Radium 226	<2.1E-10		µCi/ml	IM
0	Radium 226	<1.0E-09		µCi/ml	GP
0	Radium 226	<1.0E-09		µCi/ml	CN
0	Radium 226	1.3E-09 + 8.0E-10		µCi/ml	IM
0	Radium, total alpha emitting	<1.0E-09		µCi/ml	GE
0	Ruthenium 103	<1.0E-08		µCi/ml	CN
0	Ruthenium 106	<8.0E-08		µCi/ml	GP
0	Ruthenium 106	<8.0E-08		µCi/ml	CN
0	Sodium 22	<1.0E-08		µCi/ml	GP
0	Sodium 22	<1.0E-08		µCi/ml	CN
0	Strontium 89	<2.0E-09		µCi/ml	GP
0	Strontium 89	<2.0E-09		µCi/ml	CN
0	Strontium 90	3.4E-09 + 2.0E-09		µCi/ml	GP
0	Strontium 90	<2.0E-09		µCi/ml	CN

SAMPLING BLANK RESULTS

WELL QA 70A collected on 01/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.1E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 72A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 14:02
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 12.3°C
Air temperature: 12.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.9	JQ	pH	GE
0	pH	5.3	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Molybdenum	<25		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	72		µg/L	GE
0	Silica	670		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<24		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	12,000	V	µg/L	GE
0	Total dissolved solids	9,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA

WELL QA 72A collected on 03/04/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.4E-10		µCi/mL	TM
0	Radium-228	1.8E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	1.4E-09 ± 8.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 74A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/02/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 17:07
pH: 8.4
Alkalinity: 1 mg/L
Water temperature: 14.5°C
Air temperature: 14.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	17	JQ	µS/cm	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	27	J3V	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	5.8	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	31	J3V	µg/L	WA
0	Manganese	<2.0	J1	µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	53		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	163		µg/L	GE
0	Silica	315		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	36	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	6,000	V	µg/L	GE
0	Total dissolved solids	5,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	52		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	3.3E-09 ± 1.5E-09		µCi/mL	GE

SAMPLING BLANK RESULTS

WELL QA 74A collected on 03/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	6.0E-09 ± 1.7E-09		µCi/mL	GE
0	Nonvolatile beta	9.0E-10 ± 1.4E-09		µCi/mL	TM
0	Radium-226	<2.4E-10		µCi/mL	TM
0	Radium-228	1.4E-09 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.6E-07		µCi/mL	TM

WELL QA 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Turbidity: 1 NTU
Time: 17:38
pH: 5.4
Alkalinity: 0 mg/L
Water temperature: 15.3°C
Air temperature: 4.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.9	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	9.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.060		µg/L	WA
0	Endrin	<0.11		µg/L	GE
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	5.1	J3	µg/L	GE
0	Iron	5.7		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.050		µg/L	WA
0	Lindane	<0.056		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<5.0		µg/L	WA
0	Methoxychlor	<0.58		µg/L	GE
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<2.0		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	15,600		µg/L	GE
0	Silica	11,900		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	78		µg/L	GE
0	Sodium	159	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	36,000	V	µg/L	GE
0	Total dissolved solids	29,000		µg/L	WA
0	Total dissolved solids	29,000		µg/L	GE
0	Total organic carbon	<1,000	JQ	µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<2.4		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ6	µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE

WELL QA 76A collected on 03/14/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Nonvolatile beta	2.5E-09 ± 1.8E-09		µCi/mL	TM
0	Radium-226	<2.4E-10		µCi/mL	TM
0	Radium-228	1.8E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN

WELL QA 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU
Time: 15:01
pH: 6.2
Alkalinity: 0 mg/L
Water temperature: 12.8°C
Air temperature: 14.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.3	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	<1.0	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	20	J3	µg/L	WA
0	Chloride	<250	V	µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.056		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0	J1	µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	2,150		µg/L	GE
0	Silica	990		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	14		µg/L	GE
0	Sodium	38	J3V	µg/L	WA
0	Sulfate	<1,000	V	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	11,000	V	µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total dissolved solids	1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<1.8E-10		µCi/mL	TM

SAMPLING BLANK RESULTS

WELL QA 78A collected on 03/06/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Radium-228	5.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	< 1.0E-09		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.9E-07		µCi/mL	TM

WELL QA 80A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 17:31
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 19.6°C
Air temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7.0	JQ	pH	GE
0	pH	8.8	JQ	pH	WA
0	pH	5.5	JQ	pH	WA
0	Specific conductance	3.0		µS/cm	GE
0	Specific conductance	5.0	JQ	µS/cm	WA
0	Aluminum	< 20		µg/L	GE
0	Aluminum	< 20		µg/L	WA
0	Arsenic	< 2.0		µg/L	GE
0	Arsenic	< 2.0		µg/L	WA
0	Barium	< 3.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA
0	Calcium	< 10		µg/L	GE
0	Calcium	15	J3	µg/L	WA
0	Chloride	< 250	V	µg/L	GE
0	Chloride	< 250	V	µg/L	WA
0	Chloride	< 250		µg/L	GE
0	Chromium	< 4.0		µg/L	WA
0	Chromium	< 4.0		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.055		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 11		µg/L	WA
0	Manganese	< 2.0	J1	µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.55		µg/L	WA
0	Nitrate as nitrogen	< 20		µg/L	WA
0	Nitrate-nitrite as nitrogen	< 50		µg/L	GE
0	Nitrate-nitrite as nitrogen	< 50		µg/L	WA
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0		µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	3.000		µg/L	GE
0	Silica	2.730		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	< 10		µg/L	GE
0	Sodium	94	J3V	µg/L	WA
0	Sulfate	< 1,000	V	µg/L	GE
0	Sulfate	< 1,000	V	µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Total dissolved solids	10,000	V	µg/L	WA
0	Total dissolved solids	2,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total phosphates (as P)	< 50		µg/L	WA
0	Total phosphates (as P)	< 50		µg/L	GE
0	Toxaphene	< 0.24		µg/L	WA
0	Toxaphene	< 1.1		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.55		µg/L	GE
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 6.0E-10		µCi/mL	TM
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 7.0E-10		µCi/mL	TM
0	Radium-226	< 2.1E-10		µCi/mL	TM
0	Radium-226	< 2.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	1.4E-09 ± 9.0E-10		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 5.1E-07		µCi/mL	TM

WELL QA 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:58
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.2°C
Air temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	JQ	pH	GE
0	pH	5.0	JQ	pH	WA
0	pH	5.0	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	1.4	JQ	µS/cm	WA
0	Aluminum	< 20		µg/L	GE
0	Aluminum	< 20		µg/L	WA
0	Arsenic	< 2.0		µg/L	GE
0	Arsenic	< 2.0		µg/L	WA
0	Barium	< 3.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA
0	Calcium	< 10		µg/L	GE
0	Calcium	< 10		µg/L	WA
0	Chloride	< 250	V	µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chromium	< 4.0		µg/L	GE
0	Chromium	< 4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.058		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 11	J1	µg/L	WA
0	Manganese	< 2.0		µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.58		µg/L	WA
0	Nitrate as nitrogen	< 20		µg/L	WA
0	Nitrate-nitrite as nitrogen	< 50		µg/L	GE
0	Nitrate-nitrite as nitrogen	< 5.0		µg/L	WA
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0		µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	3,560		µg/L	GE
0	Silica	3,140		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	< 10		µg/L	GE
0	Sodium	48	J3V	µg/L	WA
0	Sulfate	< 1,000	V	µg/L	GE
0	Sulfate	< 1,000	JQV	µg/L	WA
0	Total dissolved solids	< 1,000		µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total phosphates (as P)	< 50		µg/L	GE
0	Total phosphates (as P)	< 50		µg/L	WA
0	Toxaphene	< 0.24		µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.58		µg/L	WA
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 3.0E-10		µCi/mL	TM
0	Gross alpha	< 3.0E-10		µCi/mL	TM
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 3.0E-10		µCi/mL	TM
0	Nonvolatile beta	6.0E-10 ± 1.2E-09		µCi/mL	TM
0	Radium-226	< 2.8E-10		µCi/mL	TM
0	Radium-226	< 2.4E-10		µCi/mL	TM
0	Radium-228	< 5.0E-10		µCi/mL	TM
0	Radium-228	< 5.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	< 1.0E-09		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.4E-07		µCi/mL	TM
0	Tritium	< 4.4E-07		µCi/mL	TM

SAMPLING BLANK RESULTS

WELL QA 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 $\mu\text{S}/\text{cm}$
Turbidity: 0 NTU

Time: 17:20
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 12.6°C
Air temperature: 9.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.8	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	2.0		$\mu\text{S}/\text{cm}$	GE
0	Specific conductance	<1.0	JQ	$\mu\text{S}/\text{cm}$	WA
0	Aluminum	<20		$\mu\text{g}/\text{L}$	GE
0	Aluminum	<20		$\mu\text{g}/\text{L}$	WA
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	GE
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	GE
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	WA
0	Barium	<3.0		$\mu\text{g}/\text{L}$	GE
0	Barium	<4.0		$\mu\text{g}/\text{L}$	WA
0	Cadmium	<2.0		$\mu\text{g}/\text{L}$	GE
0	Cadmium	<2.0		$\mu\text{g}/\text{L}$	WA
0	Calcium	<10		$\mu\text{g}/\text{L}$	GE
0	Calcium	11	J3	$\mu\text{g}/\text{L}$	WA
0	Chloride	<250	V	$\mu\text{g}/\text{L}$	GE
0	Chloride	<250		$\mu\text{g}/\text{L}$	WA
0	Chromium	<4.0		$\mu\text{g}/\text{L}$	GE
0	Chromium	<4.0		$\mu\text{g}/\text{L}$	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		$\mu\text{g}/\text{L}$	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		$\mu\text{g}/\text{L}$	WA
0	Endrin	<0.0080		$\mu\text{g}/\text{L}$	GE
0	Endrin	<0.11		$\mu\text{g}/\text{L}$	WA
0	Fluoride	<100		$\mu\text{g}/\text{L}$	GE
0	Fluoride	<100		$\mu\text{g}/\text{L}$	WA
0	Iron	<4.0		$\mu\text{g}/\text{L}$	GE
0	Iron	8.0	J3	$\mu\text{g}/\text{L}$	WA
0	Lead	<3.0		$\mu\text{g}/\text{L}$	GE
0	Lead	<3.0		$\mu\text{g}/\text{L}$	WA
0	Lead	<3.0		$\mu\text{g}/\text{L}$	WA
0	Lindane	<0.0050		$\mu\text{g}/\text{L}$	GE
0	Lindane	<0.058		$\mu\text{g}/\text{L}$	WA
0	Magnesium	2.2		$\mu\text{g}/\text{L}$	WA
0	Magnesium	<11	J1	$\mu\text{g}/\text{L}$	GE
0	Manganese	<2.0		$\mu\text{g}/\text{L}$	WA
0	Manganese	<2.0		$\mu\text{g}/\text{L}$	WA
0	Mercury	<0.20		$\mu\text{g}/\text{L}$	WA
0	Mercury	<0.20		$\mu\text{g}/\text{L}$	WA
0	Methoxychlor	<0.50		$\mu\text{g}/\text{L}$	WA
0	Methoxychlor	<0.58		$\mu\text{g}/\text{L}$	WA
0	Nitrate as nitrogen	<20		$\mu\text{g}/\text{L}$	WA
0	Nitrate-nitrite as nitrogen	<50		$\mu\text{g}/\text{L}$	GE
0	Phenols	<5.0		$\mu\text{g}/\text{L}$	WA
0	Phenols	<5.0		$\mu\text{g}/\text{L}$	WA
0	Potassium	<500		$\mu\text{g}/\text{L}$	WA
0	Potassium	<500		$\mu\text{g}/\text{L}$	WA
0	Selenium	<2.0		$\mu\text{g}/\text{L}$	GE
0	Selenium	<2.0		$\mu\text{g}/\text{L}$	WA
0	Selenium	<2.0		$\mu\text{g}/\text{L}$	WA
0	Silica	1,430		$\mu\text{g}/\text{L}$	WA
0	Silica	1,340		$\mu\text{g}/\text{L}$	WA
0	Silver	<2.0		$\mu\text{g}/\text{L}$	GE
0	Silver	<2.0		$\mu\text{g}/\text{L}$	WA
0	Sodium	<10		$\mu\text{g}/\text{L}$	WA
0	Sulfate	<24		$\mu\text{g}/\text{L}$	GE
0	Sulfate	<1,000	V	$\mu\text{g}/\text{L}$	WA
0	Sulfate	<1,000		$\mu\text{g}/\text{L}$	WA
0	Total dissolved solids	<1,000	JQB	$\mu\text{g}/\text{L}$	GE
0	Total dissolved solids	<1,000		$\mu\text{g}/\text{L}$	WA
0	Total organic carbon	<1,000		$\mu\text{g}/\text{L}$	GE
0	Total organic carbon	<1,000		$\mu\text{g}/\text{L}$	WA
0	Total organic halogens	<5.0		$\mu\text{g}/\text{L}$	WA
0	Total organic halogens	<5.0		$\mu\text{g}/\text{L}$	WA
0	Total phosphates (as P)	<50		$\mu\text{g}/\text{L}$	GE
0	Total phosphates (as P)	<50		$\mu\text{g}/\text{L}$	WA
0	Toxaphene	<0.24		$\mu\text{g}/\text{L}$	GE
0	Toxaphene	<1.1		$\mu\text{g}/\text{L}$	WA
0	2,4,5-TP (Silvex)	<0.090		$\mu\text{g}/\text{L}$	GE
0	2,4,5-TP (Silvex)	<0.58		$\mu\text{g}/\text{L}$	WA
0	Gross alpha	<2.0E-09		$\mu\text{Ci}/\text{mL}$	GE
0	Gross alpha	<3.0E-10		$\mu\text{Ci}/\text{mL}$	TM
0	Nonvolatile beta	<2.0E-09		$\mu\text{Ci}/\text{mL}$	GE
0	Nonvolatile beta	7.0E-10 $\pm$ 1.2E-09		$\mu\text{Ci}/\text{mL}$	TM
0	Radium-226	<2.7E-10		$\mu\text{Ci}/\text{mL}$	TM
0	Radium-228	7.0E-10 $\pm$ 1.0E-09		$\mu\text{Ci}/\text{mL}$	TM
0	Radium, total alpha-emitting	<1.0E-09		$\mu\text{Ci}/\text{mL}$	GE
0	Tritium	<7.0E-07		$\mu\text{Ci}/\text{mL}$	GE
0	Tritium	<7.0E-07		$\mu\text{Ci}/\text{mL}$	GE
0	Tritium	<4.6E-07		$\mu\text{Ci}/\text{mL}$	TM

WELL QA 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 $\mu\text{S}/\text{cm}$
Turbidity: 0 NTU

Time: 16:58
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 15.5°C
Air temperature: 13.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.1	JQ	pH	GE
0	pH	5.3	JQ	pH	WA
0	Specific conductance	7.0		$\mu\text{S}/\text{cm}$	GE
0	Specific conductance	11	JQ	$\mu\text{S}/\text{cm}$	WA
0	Aluminum	20		$\mu\text{g}/\text{L}$	GE
0	Aluminum	<20		$\mu\text{g}/\text{L}$	WA
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	GE
0	Arsenic	<2.0		$\mu\text{g}/\text{L}$	WA
0	Barium	<3.0		$\mu\text{g}/\text{L}$	GE
0	Barium	<4.0		$\mu\text{g}/\text{L}$	WA
0	Cadmium	<2.0		$\mu\text{g}/\text{L}$	GE
0	Cadmium	<2.0	J1	$\mu\text{g}/\text{L}$	WA
0	Calcium	<10		$\mu\text{g}/\text{L}$	GE
0	Calcium	<10		$\mu\text{g}/\text{L}$	WA
0	Chloride	<250		$\mu\text{g}/\text{L}$	GE
0	Chloride	<250		$\mu\text{g}/\text{L}$	WA
0	Chromium	<4.0		$\mu\text{g}/\text{L}$	GE
0	Chromium	<4.0		$\mu\text{g}/\text{L}$	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		$\mu\text{g}/\text{L}$	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		$\mu\text{g}/\text{L}$	WA
0	Endrin	<0.0080		$\mu\text{g}/\text{L}$	GE
0	Endrin	<0.11		$\mu\text{g}/\text{L}$	WA
0	Fluoride	<100		$\mu\text{g}/\text{L}$	GE
0	Fluoride	<100		$\mu\text{g}/\text{L}$	WA
0	Iron	<4.0		$\mu\text{g}/\text{L}$	GE
0	Iron	<3.0		$\mu\text{g}/\text{L}$	WA
0	Lead	<3.0		$\mu\text{g}/\text{L}$	WA
0	Lindane	<0.0050		$\mu\text{g}/\text{L}$	GE
0	Lindane	<0.055	J1	$\mu\text{g}/\text{L}$	WA
0	Magnesium	<2.0		$\mu\text{g}/\text{L}$	GE
0	Magnesium	<11		$\mu\text{g}/\text{L}$	WA
0	Manganese	<2.0	JQ	$\mu\text{g}/\text{L}$	GE
0	Manganese	<2.0		$\mu\text{g}/\text{L}$	WA
0	Mercury	<0.20		$\mu\text{g}/\text{L}$	WA
0	Mercury	<0.20		$\mu\text{g}/\text{L}$	WA
0	Methoxychlor	<0.50		$\mu\text{g}/\text{L}$	WA
0	Methoxychlor	<0.55		$\mu\text{g}/\text{L}$	WA
0	Nitrate as nitrogen	32		$\mu\text{g}/\text{L}$	WA
0	Nitrate-nitrite as nitrogen	<50		$\mu\text{g}/\text{L}$	GE
0	Nitrate-nitrite as nitrogen	<50		$\mu\text{g}/\text{L}$	WA
0	Phenols	<5.0		$\mu\text{g}/\text{L}$	GE
0	Phenols	<5.0		$\mu\text{g}/\text{L}$	WA
0	Phenols	<5.0		$\mu\text{g}/\text{L}$	WA
0	Potassium	<500		$\mu\text{g}/\text{L}$	GE
0	Potassium	<500		$\mu\text{g}/\text{L}$	WA
0	Selenium	<2.0		$\mu\text{g}/\text{L}$	GE
0	Selenium	<2.0		$\mu\text{g}/\text{L}$	WA
0	Silica	<100		$\mu\text{g}/\text{L}$	GE
0	Silica	<100		$\mu\text{g}/\text{L}$	WA
0	Silver	<2.0		$\mu\text{g}/\text{L}$	GE
0	Silver	<2.0	J1	$\mu\text{g}/\text{L}$	WA
0	Sodium	<10	J3V	$\mu\text{g}/\text{L}$	GE
0	Sulfate	58		$\mu\text{g}/\text{L}$	WA
0	Sulfate	<1,000		$\mu\text{g}/\text{L}$	GE
0	Sulfate	<1,000		$\mu\text{g}/\text{L}$	WA
0	Total dissolved solids	2,000		$\mu\text{g}/\text{L}$	GE
0	Total dissolved solids	2,000		$\mu\text{g}/\text{L}$	WA
0	Total organic carbon	<1,000		$\mu\text{g}/\text{L}$	GE
0	Total organic carbon	<1,000		$\mu\text{g}/\text{L}$	WA
0	Total organic halogens	<5.0		$\mu\text{g}/\text{L}$	GE
0	Total organic halogens	<5.0		$\mu\text{g}/\text{L}$	WA
0	Total phosphates (as P)	<50		$\mu\text{g}/\text{L}$	GE
0	Total phosphates (as P)	<50		$\mu\text{g}/\text{L}$	WA
0	Toxaphene	<0.24		$\mu\text{g}/\text{L}$	GE
0	Toxaphene	<1.1		$\mu\text{g}/\text{L}$	WA
0	2,4,5-TP (Silvex)	<0.090		$\mu\text{g}/\text{L}$	GE
0	2,4,5-TP (Silvex)	<0.58		$\mu\text{g}/\text{L}$	WA
0	Gross alpha	<2.0E-09		$\mu\text{Ci}/\text{mL}$	GE
0	Gross alpha	<2.0E-09		$\mu\text{Ci}/\text{mL}$	GP
0	Gross alpha	7.0E-11 $\pm$ 2.9E-10		$\mu\text{Ci}/\text{mL}$	EM
0	Gross alpha	<8.0E-10		$\mu\text{Ci}/\text{mL}$	TM
0	Nonvolatile beta	<2.0E-09		$\mu\text{Ci}/\text{mL}$	GE
0	Nonvolatile beta	<2.0E-09		$\mu\text{Ci}/\text{mL}$	GP
0	Nonvolatile beta	-1.7E-10 $\pm$ 8.9E-10		$\mu\text{Ci}/\text{mL}$	EM
0	Nonvolatile beta	8.0E-10 $\pm$ 1.5E-09		$\mu\text{Ci}/\text{mL}$	TM
0	Radium-226	<1.3E-10		$\mu\text{Ci}/\text{mL}$	TM
0	Radium-228	<3.0E-10		$\mu\text{Ci}/\text{mL}$	TM
0	Radium, total alpha-emitting	<1.0E-09		$\mu\text{Ci}/\text{mL}$	GE
0	Tritium	<7.0E-07		$\mu\text{Ci}/\text{mL}$	GE
0	Tritium	<7.0E-07		$\mu\text{Ci}/\text{mL}$	GP
0	Tritium	-1.1E-07 $\pm$ 8.2E-07		$\mu\text{Ci}/\text{mL}$	EM
0	Tritium	<4.7E-07		$\mu\text{Ci}/\text{mL}$	TM

SAMPLING BLANK RESULTS

WELL QA 88A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Hexachloroethane	<10		µg/L	GE
0	Hexachloroethane	<11		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<10		µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isophorone	<11		µg/L	GE
0	Isophorone	<11		µg/L	WA
0	Lead	<1.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<10		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<55		µg/L	WA
0	2-Methyl-4,8-dinitrophenol	<10	JQ8	µg/L	GE
0	Naphthalene	<10		µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrobenzene	<10		µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10	JQ6	µg/L	GE
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<10	JQ6	µg/L	GE
0	4-Nitrophenol	<55		µg/L	WA
0	N-Nitrosodimethylamine	<10		µg/L	GE
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10		µg/L	GE
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10		µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	PCB 1016	<150		µg/L	GE
0	PCB 1221	<150		µg/L	GE
0	PCB 1232	<150		µg/L	GE
0	PCB 1242	<150		µg/L	GE
0	PCB 1248	<150		µg/L	GE
0	PCB 1254	<150		µg/L	GE
0	PCB 1260	<150		µg/L	GE
0	Pentachlorophenol	<10	JQ8	µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA
0	Phenanthrene	<10		µg/L	GE
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10	JQ8	µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pyrene	<10		µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	20,300		µg/L	GE
0	Silica	20,300		µg/L	GE
0	Silica	17,900		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	33		µg/L	GE
0	Sodium	33		µg/L	GE
0	Sodium	44	J3	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	17,000	V	µg/L	GE
0	Total dissolved solids	27,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<10		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ8	µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA

WELL QA 88A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,2,4-Trichlorobenzene	<10		µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	2,4,6-Trichlorophenol	<10	JQ8	µg/L	GE
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	Uranium	<20		µg/L	GE
0	Uranium	<20		µg/L	GE
0	Uranium	<0.030		µg/L	TM
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cesium-144	<6.0E-08		µCi/mL	GP
0	Cesium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GP
0	Gross alpha	<4.0E-10		µCi/mL	TM
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GP
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	CN
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<2.3E-10		µCi/mL	TM
0	Radium-228	7.0E-10 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	<1.9E-09		µCi/mL	GP
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

SAMPLING BLANK RESULTS

WELL QA 90A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Turbidity: 0 NTU

Time: 11:02
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 15.3°C
Air temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	8.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	14	J3	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	140		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	15,400		µg/L	GE

WELL QA 90A collected on 03/10/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Silica	14,100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	79		µg/L	GE
0	Sodium	114		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	22,000		µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.080		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<2.5E-10		µCi/mL	TM
0	Radium-228	1.0E-09 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-106	<8.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Thorium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.2E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc 65	<2.0E-08		µCi/mL	GP
0	Zinc 65	<2.3E-08		µCi/mL	CN

SAMPLING BLANK RESULTS

WELL QA 92A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/93
Depth to water: Not available
Water elevation: Not available
Sp. conductivity: 1 µS/cm
Turbidity: 0 NTU

Time: 12:59
pH: 8.1
Alkalinity: 1 mg/L
Water temperature: 13.3 °C
Air temperature: 13.2 °C

LABORATORY ANALYSES

F Analyte	Result	Mod	Unit	Lab
0 pH	5.7	JQ	pH	GE
0 pH	5.8	JQ	pH	WA
0 Specific conductance	8.6	JQ	µS/cm	GE
0 Acenaphthene	2.0	JQ	µS/cm	WA
0 Acenaphthene	<10	J1	µg/L	GE
0 Acenaphthylene	<11	J1	µg/L	WA
0 Aldrin	<10	J1	µg/L	GE
0 Aluminum	<10	J1	µg/L	WA
0 Anthracene	<20	J1	µg/L	GE
0 Anthracene	<11	J1	µg/L	WA
0 Arsenic	<2.0	J1	µg/L	GE
0 Arsenic	<2.0	J1	µg/L	WA
0 Barium	<3.0	J1	µg/L	GE
0 Barium	<4.0	J1	µg/L	WA
0 Benzene	<1.0	J1	µg/L	GE
0 Benzene	<5.0	J1	µg/L	WA
0 Benzene	<5.0	J1	µg/L	GE
0 alpha-Benzene hexachloride	<10	J1	µg/L	GE
0 beta-Benzene hexachloride	<10	J1	µg/L	GE
0 delta-Benzene hexachloride	<10	J1	µg/L	GE
0 Benzidine	<55	J1	µg/L	WA
0 Benzidine	<10	J1	µg/L	GE
0 Benz[a]anthracene	<10	J1	µg/L	WA
0 Benz[a]anthracene	<11	J1	µg/L	GE
0 Benz[b]fluoranthene	<10	J1	µg/L	WA
0 Benz[b]fluoranthene	<11	J1	µg/L	GE
0 Benz[k]fluoranthene	<10	J1	µg/L	WA
0 Benz[k]fluoranthene	<11	J1	µg/L	GE
0 Benzo[a]h[1]perylene	<10	J1	µg/L	WA
0 Benzo[a]h[1]perylene	<11	J1	µg/L	GE
0 Benzo[a]pyrene	<10	J1	µg/L	WA
0 Benzo[a]pyrene	<11	J1	µg/L	GE
0 Bis[2-chloroethoxy] methane	<10	J1	µg/L	WA
0 Bis[2-chloroethoxy] methane	<11	J1	µg/L	GE
0 Bis[2-chloroisopropyl] ether	<10	J1	µg/L	WA
0 Bis[2-chloroisopropyl] ether	<11	J1	µg/L	GE
0 Bis[2-ethoxyethyl] phthalate	<10	J1	µg/L	WA
0 Bis[2-ethoxyethyl] phthalate	<11	J1	µg/L	GE
0 Bromodichloromethane	<10	J1	µg/L	WA
0 Bromodichloromethane	<11	J1	µg/L	GE
0 Bromoform	<5.0	J1	µg/L	WA
0 Bromoform	<10	J1	µg/L	GE
0 Bromomethane	<5.0	J1	µg/L	WA
0 Bromomethane	<10	J1	µg/L	GE
0 Bromomethane	<10	J1	µg/L	WA
0 4-Bromophenyl phenyl ether	<11	J1	µg/L	GE
0 4-Bromophenyl phenyl ether	<11	J1	µg/L	WA
0 Butylbenzyl phthalate	<10	J1	µg/L	GE
0 Butylbenzyl phthalate	<11	J1	µg/L	WA
0 Cadmium	<2.0	J1	µg/L	GE
0 Cadmium	<2.0	J1	µg/L	WA
0 Calcium	<10	J1	µg/L	GE
0 Calcium	13	J1	µg/L	WA
0 Carbon tetrachloride	<1.0	J1	µg/L	GE
0 Carbon tetrachloride	<5.0	J1	µg/L	WA
0 Carbon tetrachloride	<5.0	J1	µg/L	GE
0 Chloroform	<10	J1	µg/L	WA
0 Chloroform	<25.0	J1	µg/L	GE
0 Chlorobenzene	<10	J1	µg/L	WA
0 Chlorobenzene	<5.0	J1	µg/L	GE
0 Chlorobenzene	<5.0	J1	µg/L	WA
0 4-Chloro-m-cresol	<10	J1	µg/L	GE
0 4-Chloro-m-cresol	<11	J1	µg/L	WA
0 Chloroethane	<10	J1	µg/L	GE
0 Chloroethane	<10	J1	µg/L	WA
0 Chloroethane (Vinyl chloride)	<10	J1	µg/L	GE
0 Chloroethane (Vinyl chloride)	<10	J1	µg/L	WA
0 Chloroethane (Vinyl chloride)	<10	J1	µg/L	GE
0 2-Chloroethyl vinyl ether	<10	J1	µg/L	WA
0 2-Chloroethyl vinyl ether	<10	J1	µg/L	GE
0 Chloroform	<10	J1	µg/L	WA
0 Chloroform	<5.0	J1	µg/L	GE
0 Chloroform	<5.0	J1	µg/L	WA
0 Chloromethane	<10	J1	µg/L	GE
0 Chloromethane	<10	J1	µg/L	WA
0 Chloromethane	<10	J1	µg/L	GE
0 2-Chlorophthalene	<10	J1	µg/L	WA
0 2-Chlorophthalene	<10	J1	µg/L	GE

WELL QA 92A collected on 03/08/93, laboratory analyses (cont)

F Analyte	Result	Mod	Unit	Lab
0 2-Chlorophenol	<10	J1	µg/L	GE
0 2-Chlorophenol	<10	J1	µg/L	WA
0 4-Chlorophenyl phenyl ether	<10	J1	µg/L	GE
0 4-Chlorophenyl phenyl ether	<11	J1	µg/L	WA
0 Chlormethane	<4.0	J1	µg/L	GE
0 Chlormethane	<4.0	J1	µg/L	WA
0 Chrysene	<10	J1	µg/L	GE
0 Chrysene	<10	J1	µg/L	WA
0 P,p'-DDD	<10	J1	µg/L	GE
0 P,p'-DDD	<10	J1	µg/L	WA
0 P,p'-DDT	<10	J1	µg/L	GE
0 P,p'-DDT	<10	J1	µg/L	WA
0 Dibenz[a,h]anthracene	<10	J1	µg/L	GE
0 Dibenz[a,h]anthracene	<11	J1	µg/L	WA
0 Dibenzofuran	<10	J1	µg/L	GE
0 Dibenzofuran	<10	J1	µg/L	WA
0 Dibromochloromethane	<10	J1	µg/L	GE
0 Dibromochloromethane	<5.0	J1	µg/L	WA
0 Dibromochloromethane	<5.0	J1	µg/L	GE
0 Di-n-butyl phthalate	<10	J1	µg/L	WA
0 Di-n-butyl phthalate	<11	J1	µg/L	GE
0 1,2-Dichlorobenzene	<11	J1	µg/L	WA
0 1,2-Dichlorobenzene	<11	J1	µg/L	GE
0 3,3-Dichlorobenzidine	<10	J1	µg/L	WA
0 3,3-Dichlorobenzidine	<22	J1	µg/L	GE
0 1,1-Dichloroethane	<10	J1	µg/L	WA
0 1,1-Dichloroethane	<5.0	J1	µg/L	GE
0 1,1-Dichloroethane	<5.0	J1	µg/L	WA
0 1,2-Dichloroethane	<10	J1	µg/L	GE
0 1,2-Dichloroethane	<5.0	J1	µg/L	WA
0 1,2-Dichloroethane	<5.0	J1	µg/L	GE
0 1,1-Dichloroethylene	<10	J1	µg/L	WA
0 1,1-Dichloroethylene	<5.0	J1	µg/L	GE
0 1,1-Dichloroethylene	<5.0	J1	µg/L	WA
0 1,2-Dichloroethylene	<10	J1	µg/L	GE
0 1,2-Dichloroethylene	<5.0	J1	µg/L	WA
0 1,2-Dichloroethylene	<5.0	J1	µg/L	GE
0 Dichloromethane	<10	J1	µg/L	WA
0 Dichloromethane	<5.0	J1	µg/L	GE
0 Dichloromethane	<5.0	J1	µg/L	WA
0 2,4-Dichlorophenol	<11	J1	µg/L	GE
0 2,4-Dichlorophenol	<11	J1	µg/L	WA
0 2,4-Dichlorophenoxyacetic acid	<0.30	J1	µg/L	GE
0 2,4-Dichlorophenoxyacetic acid	<1.1	J1	µg/L	WA
0 1,2-Dichloropropane	<10	J1	µg/L	GE
0 1,2-Dichloropropane	<5.0	J1	µg/L	WA
0 1,2-Dichloropropane	<5.0	J1	µg/L	GE
0 cis-1,3-Dichloropropene	<10	J1	µg/L	WA
0 cis-1,3-Dichloropropene	<5.0	J1	µg/L	GE
0 cis-1,3-Dichloropropene	<5.0	J1	µg/L	WA
0 trans-1,3-Dichloropropene	<5.0	J1	µg/L	GE
0 trans-1,3-Dichloropropene	<5.0	J1	µg/L	WA
0 Diethy[1] phthalate	<10	J1	µg/L	GE
0 Diethy[1] phthalate	<11	J1	µg/L	WA
0 2,4-Dimethyl phenol	<10	J1	µg/L	GE
0 2,4-Dimethyl phenol	<11	J1	µg/L	WA
0 Dimethyl phthalate	<10	J1	µg/L	GE
0 Dimethyl phthalate	<11	J1	µg/L	WA
0 2,4-Dinitrophenol	<45	J1	µg/L	GE
0 2,4-Dinitrophenol	<55	J1	µg/L	WA
0 2,4-Dinitrophenol	<55	J1	µg/L	GE
0 2,4-Dinitrophenol	<10	J1	µg/L	WA
0 2,6-Dinitrophenol	<11	J1	µg/L	GE
0 2,6-Dinitrophenol	<10	J1	µg/L	WA
0 2,6-Dinitrophenol	<11	J1	µg/L	GE
0 Di-n-octyl phthalate	<10	J1	µg/L	WA
0 Di-n-octyl phthalate	<11	J1	µg/L	GE
0 1,2-Diphenyldiazine	<10	J1	µg/L	WA
0 1,2-Diphenyldiazine	<11	J1	µg/L	GE
0 Dissolved organic carbon	<1,000	J1	µg/L	WA
0 Dissolved organic carbon	<10	J1	µg/L	GE
0 Endosulfan II	<10	J1	µg/L	WA
0 Endosulfan II	<10	J1	µg/L	GE
0 Endosulfan sulfate	<10	J1	µg/L	WA
0 Endosulfan sulfate	<0.11	J1	µg/L	GE
0 Endrin	<0.0080	J1	µg/L	WA
0 Endrin	<10	J1	µg/L	GE
0 Endrin aldehyde	<10	J1	µg/L	WA
0 Endrin aldehyde	<10	J1	µg/L	GE
0 Ethylbenzene	<5.0	J1	µg/L	WA
0 Ethylbenzene	<5.0	J1	µg/L	GE
0 Fluoranthene	<10	J1	µg/L	WA
0 Fluoranthene	<11	J1	µg/L	GE
0 Fluorene	<10	J1	µg/L	WA
0 Fluorene	<11	J1	µg/L	GE
0 Fluoride	<100	J1	µg/L	WA
0 Fluoride	<100	J1	µg/L	GE
0 Heptachlor epoxide	<10	J1	µg/L	WA
0 Heptachlor epoxide	<10	J1	µg/L	GE
0 Hexachlorobenzene	<10	J1	µg/L	WA
0 Hexachlorobenzene	<11	J1	µg/L	GE
0 Hexachlorobutadiene	<10	J1	µg/L	WA
0 Hexachlorobutadiene	<11	J1	µg/L	GE
0 Hexachlorocyclopentadiene	<10	J1	µg/L	WA
0 Hexachlorocyclopentadiene	<11	J1	µg/L	GE
0 Hexachloroethane	<10	J1	µg/L	WA
0 Hexachloroethane	<11	J1	µg/L	GE
0 Indeno[1,2,3-c,d]pyrene	<10	J1	µg/L	WA
0 Indeno[1,2,3-c,d]pyrene	<11	J1	µg/L	GE
0 Ion	<40	J1	µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 92A collected on 03/08/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Isophorone	<10	J1	µg/L	GE
0	Isophorone	<11		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<10	J1	µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	2-Methyl-4,6-dinitrophenol	<55		µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<10		µg/L	GE
0	Naphthalene	<10	J1	µg/L	WA
0	Naphthalene	<11		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	GE
0	Nitrate nitrite as nitrogen	<50		µg/L	GE
0	Nitrobenzene	<10	J1	µg/L	WA
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10		µg/L	WA
0	2-Nitrophenol	<11		µg/L	CF
0	4-Nitrophenol	<10		µg/L	WA
0	4-Nitrophenol	<55		µg/L	GE
0	N-Nitrosodimethylamine	<10	J1	µg/L	WA
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10	J1	µg/L	WA
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10	J1	µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	PCB 1016	<150	J1	µg/L	GE
0	PCB 1221	<150	J1	µg/L	GE
0	PCB 1232	<150	J1	µg/L	GE
0	PCB 1242	<150	J1	µg/L	GE
0	PCB 1248	<150	J1	µg/L	GE
0	PCB 1254	<150	J1	µg/L	GE
0	PCB 1260	<150	J1	µg/L	GE
0	Pentachlorophenol	<10		µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA
0	Phenanthrene	<10	J1	µg/L	GE
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10		µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pyrene	<10	J1	µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	11,300		µg/L	GE
0	Silica	10,300		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	25		µg/L	GE
0	Sodium	91	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<10		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<10		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<10		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	8,000		µg/L	GE
0	Total dissolved solids	15,000	JQ	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<10	J1	µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.57		µg/L	WA
0	1,2,4-Trichlorobenzene	<10	J1	µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<10		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<10		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<10		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<10		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	2,4,6-Trichlorophenol	<10		µg/L	GE

WELL QA 92A collected on 03/08/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony 125	<2.5E-08		µCi/mL	GP
0	Antimony 125	<2.5E-08		µCi/mL	CN
0	Cerium 144	<5.0E-08		µCi/mL	GP
0	Cesium 134	<1.0E-08		µCi/mL	CN
0	Cesium 134	<1.0E-08		µCi/mL	GP
0	Cesium 137	<1.0E-08		µCi/mL	CN
0	Cesium 137	<1.0E-08		µCi/mL	GP
0	Cobalt 57	<1.0E-08		µCi/mL	CN
0	Cobalt 57	<1.0E-08		µCi/mL	GP
0	Cobalt 60	<1.0E-08		µCi/mL	CN
0	Cobalt 60	<1.2E-08		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	CN
0	Europium-152	<5.0E-08		µCi/mL	GP
0	Europium-154	<2.0E-08		µCi/mL	CN
0	Europium-154	<2.5E-08		µCi/mL	GP
0	Europium-155	<3.0E-08		µCi/mL	CN
0	Europium-155	<2.5E-08		µCi/mL	GP
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	5.0E-10 ± 5.0E-10		µCi/mL	TM
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<4.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<2.3E-10		µCi/mL	TM
0	Radium-228	1.6E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GP
0	Ruthenium-106	<9.0E-08		µCi/mL	CN
0	Ruthenium-106	<8.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Thorium-234	<3.5E-07		µCi/mL	CN
0	Tritium	<7.0E-07		µCi/mL	GP
0	Tritium	<4.9E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 94A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Turbidity: 0 NTU

Time: 18:03
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.4°C
Air temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	4.5	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	15	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 94A collected on 03/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	6.7		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.0050		µg/L	WA
0	Lindane	<0.056		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	0.24		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	70		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	21,500		µg/L	GE
0	Silica	18,900		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	53		µg/L	GE
0	Sodium	112	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	21,000	V	µg/L	GE
0	Total dissolved solids	26,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ6	µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	8.0E-10 ± 1.4E-09		µCi/mL	TM
0	Radium-226	<2.4E-10		µCi/mL	TM
0	Radium-228	2.4E-09 ± 1.3E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.3E-07		µCi/mL	TM

WELL QA 96A collected on 03/07/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11	J1	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	100		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	8,770		µg/L	GE
0	Silica	5,820		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	16	J3V	µg/L	GE
0	Sodium	65		µg/L	WA
0	Sulfate	<1,000	V	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	7,000	V	µg/L	GE
0	Total dissolved solids	5,000		µg/L	WA
0	Total dissolved solids	4,000	J3	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<3.0E-10		µCi/mL	TM
0	Radium-226	<3.0E-10		µCi/mL	TM
0	Radium-228	4.1E-09 ± 1.6E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.7E-07		µCi/mL	TM

WELL QA 98A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 17:49
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 13.3°C
Air temperature: 14.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.1	JQ	pH	GE
0	pH	5.7	JQ	pH	WA
0	Specific conductance	50		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	<20	J1	µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	37	V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE

WELL QA 96A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 15:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 17.1°C
Air temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.8	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	pH	5.2	JQ	pH	WA
0	Specific conductance	30		µS/cm	GE
0	Specific conductance	30		µS/cm	GE
0	Specific conductance	1.6	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	15	J3	µg/L	WA
0	Chloride	<250	V	µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0050		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 98A collected on 02/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	1.1	J	µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	4.4	J3	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Lithium	<5.0		µg/L	GE
0	Lithium	<5.0		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<1.1	J1	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.50		µg/L	WA
0	Methoxychlor	<0.57		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10	J1	µg/L	GE
0	Sodium	93	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	4,000	V	µg/L	GE
0	Total dissolved solids	17,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.56		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE

WELL QA 98A collected on 02/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Gross alpha	<2.0E-08		µCi/mL	GE
0	Gross alpha	<2.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-08		µCi/mL	GE
0	Nonvolatile beta	6.0E-10 ± 1.2E-08		µCi/mL	TM
0	Radium-226	<2.6E-10		µCi/mL	TM
0	Radium-228	6.0E-10 ± 1.2E-08		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-08		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.7E-07		µCi/mL	TM

WELL QA 100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/93
 Depth to water: Not available
 Water elevation: Not available
 Sp. conductance: 7 µS/cm
 Turbidity: 0 NTU
 Time: 12:53
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 18.1°C
 Air temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.2	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	5.5	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoflorm	<1.0		µg/L	GE
0	Bromoflorm	<5.0		µg/L	WA
0	Bromoflorm	<5.0		µg/L	WA
0	Bromoflorm	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Bromomethane	<10		µg/L	WA
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethane	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloroform	<5.0		µg/L	WA
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chloromethane	<10		µg/L	WA
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 100A collected on 01/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 1.0		µg/L	GE
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	Dichloromethane	< 1.0		µg/L	GE
0	Dichloromethane	< 5.0		µg/L	WA
0	Dichloromethane	< 5.0		µg/L	WA
0	Dichloromethane	< 5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	WA
0	1,2-Dichloropropane	< 1.0		µg/L	GE
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 1.0		µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 1.0		µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Ethylbenzene	< 1.0		µg/L	GE
0	Ethylbenzene	< 5.0		µg/L	WA
0	Ethylbenzene	< 5.0		µg/L	WA
0	Ethylbenzene	< 5.0		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.054		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	11		µg/L	WA
0	Manganese	< 2.0		µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.54		µg/L	WA
0	Nickel	< 4.0		µg/L	GE
0	Nickel	< 4.0		µg/L	WA
0	Nitrate as nitrogen	< 2.0		µg/L	WA
0	Nitrate-nitrite as nitrogen	1,300		µg/L	GE
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0		µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	10,500		µg/L	GE
0	Silica	6,840	V	µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	310	J2	µg/L	GE
0	Sodium	285		µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Sulfate	< 1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	Tetrachloroethylene	< 1.0		µg/L	GE
0	Tetrachloroethylene	< 5.0		µg/L	WA
0	Tetrachloroethylene	< 5.0		µg/L	WA
0	Tetrachloroethylene	< 5.0		µg/L	WA
0	Toluene	< 1.0		µg/L	GE
0	Toluene	< 5.0		µg/L	WA
0	Toluene	< 5.0		µg/L	WA
0	Total dissolved solids	12,000	V	µg/L	GE
0	Total dissolved solids	6,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total phosphates (as P)	< 5.0		µg/L	GE
0	Total phosphates (as P)	< 5.0		µg/L	WA
0	Toxaphene	< 0.24		µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.55		µg/L	WA
0	1,1,1-Trichloroethane	< 1.0		µg/L	GE
0	1,1,1-Trichloroethane	< 5.0		µg/L	WA
0	1,1,1-Trichloroethane	< 5.0		µg/L	WA
0	1,1,1-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 1.0		µg/L	GE
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA

WELL QA 100A collected on 01/02/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Trichloroethylene	< 1.0		µg/L	GE
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 1.0		µg/L	GE
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Uranium	< 2.0		µg/L	GE
0	Uranium	< 0.030		µg/L	TM
0	Zinc	< 2.0		µg/L	GE
0	Zinc	< 2.0		µg/L	WA
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 3.0E-10		µCi/mL	TM
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Radium 226	< 5.0E-10		µCi/mL	TM
0	Radium 228	< 1.9E-10		µCi/mL	TM
0	Radium, total alpha emitting	3.0E-10 ± 8.0E-10		µCi/mL	TM
0	Tritium	< 1.0E-09		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.5E-07		µCi/mL	TM

WELL QA 102A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 8:41
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 15.1°C
Air temperature: 10.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.3	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	< 2.0		µg/L	GE
0	Aluminum	< 2.0		µg/L	WA
0	Arsenic	< 2.0	J1	µg/L	GE
0	Arsenic	< 2.0		µg/L	WA
0	Barium	< 3.0		µg/L	GE
0	Barium	< 4.0		µg/L	WA
0	Cadmium	< 2.0		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA
0	Calcium	< 1.0	J1	µg/L	GE
0	Calcium	69	V	µg/L	WA
0	Carbon tetrachloride	< 1.0		µg/L	GE
0	Carbon tetrachloride	< 1.0		µg/L	WA
0	Chloride	< 250		µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chloroform	< 1.0		µg/L	GE
0	Chloroform	< 1.0		µg/L	WA
0	Chromium	< 4.0		µg/L	GE
0	Chromium	< 4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.0		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Fluoride	< 100		µg/L	GE
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0	J3	µg/L	GE
0	Iron	5.5		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.056		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	22	J3V	µg/L	WA
0	Manganese	< 2.0		µg/L	GE
0	Manganese	< 2.0		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.56		µg/L	WA
0	Nitrate as nitrogen	68		µg/L	WA
0	Nitrate-nitrite as nitrogen	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0	J1	µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	< 100		µg/L	GE
0	Silica	< 100		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	< 1.0		µg/L	GE
0	Sodium	104		µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Sulfate	< 1,000		µg/L	WA
0	Tetrachloroethylene	< 1.0		µg/L	GE
0	Tetrachloroethylene	< 1.0		µg/L	WA
0	Total dissolved solids	2,000	JQ6V	µg/L	GE
0	Total dissolved solids	2,000		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 102A collected on 01/09/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.53		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<8.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.1E-10		µCi/mL	TM
0	Radium-226	2.1E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	1.3E-09 ± 9.0E-10		µCi/mL	GE
0	Radium, total alpha-emitting	1.4E-09 ± 9.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.7E-07		µCi/mL	TM

WELL QA 104A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 8:47
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 14.1°C
Air temperature: 7.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.1	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	4.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	GE
0	Calcium	18	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	18	J3V	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	21		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE

WELL QA 104A collected on 01/16/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<10		µg/L	GE
0	Sodium	87	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Total dissolved solids	5,000	V	µg/L	GE
0	Total dissolved solids	5,000	V	µg/L	WA
0	Total dissolved solids	5,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	1,090	J3	µg/L	WA
0	Total organic carbon	1,380	J3	µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<4.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<1.8E-10		µCi/mL	TM
0	Radium-226	1.4E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Radium, total alpha-emitting	1.8E-09 ± 3.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 106A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 1 NTU

Time: 13:32
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.3°C
Air temperature: 14.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.3	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	4.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	23	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloroform	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	183		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 108A collected on 01/17/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	47	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Total dissolved solids	1,000	V	µg/L	GE
0	Total dissolved solids	<1,000	JQ	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<4.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	9.0E-10 ± 1.5E-09		µCi/mL	TM
0	Radium-226	3.0E-11 ± 7.0E-11		µCi/mL	TM
0	Radium-228	<2.0E-10		µCi/mL	GE
0	Radium, total alpha-emitting	1.0E-09 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	1.5E-09 ± 9.0E-10		µCi/mL	GE
0	Tritium	1.2E-06 ± 3.0E-07		µCi/mL	GE
0	Tritium	<4.6E-07		µCi/mL	TM

WELL QA 108A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:59
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 12.7°C
Air temperature: 7.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.0	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	13	JQ	µS/cm	WA
0	Aluminum	23		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	11	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	9.9		µg/L	GE
0	Iron	<4.0	J1	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE

WELL QA 108A collected on 02/08/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	142		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<300		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	58	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<1.0		µg/L	WA
0	Total dissolved solids	8,000	V	µg/L	GE
0	Total dissolved solids	21,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<10		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<1.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<1.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<1.9E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.7E-07		µCi/mL	TM

WELL QA 110A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Turbidity: 0 NTU

Time: 12:43
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 18.0°C
Air temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.0	JQ	pH	GE
0	pH	5.8	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	22	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	21	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<1.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<1.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 110A collected on 02/05/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lead	< 3.0	J1	µg/l	GE
0	Lead	< 3.0		µg/l	WA
0	Lindane	< 0.0050		µg/l	GE
0	Lindane	< 0.0056		µg/l	WA
0	Magnesium	< 2.0	J3	µg/l	GE
0	Magnesium	13		µg/l	WA
0	Manganese	< 2.0		µg/l	GE
0	Manganese	< 2.0		µg/l	WA
0	Mercury	< 0.20		µg/l	GE
0	Mercury	< 0.20		µg/l	WA
0	Mercury	< 0.20		µg/l	GE
0	Methoxychlor	< 0.50		µg/l	WA
0	Methoxychlor	< 0.56		µg/l	WA
0	Nitrate as nitrogen	< 20		µg/l	WA
0	Nitrate as nitrogen	58	J3	µg/l	WA
0	Nitrate nitrite as nitrogen	< 50		µg/l	GE
0	Phenols	< 5.0		µg/l	GE
0	Phenols	< 5.0		µg/l	WA
0	Potassium	< 500		µg/l	GE
0	Potassium	< 500		µg/l	WA
0	Selenium	< 2.0		µg/l	GE
0	Selenium	< 2.0		µg/l	WA
0	Silica	< 100		µg/l	GE
0	Silica	< 100		µg/l	WA
0	Silver	< 2.0		µg/l	GE
0	Silver	< 2.0		µg/l	WA
0	Sodium	< 10		µg/l	GE
0	Sodium	38	J3V	µg/l	WA
0	Sulfate	< 1,000		µg/l	GE
0	Sulfate	< 1,000		µg/l	WA
0	Tetrachloroethylene	< 1.0		µg/l	GE
0	Tetrachloroethylene	< 1.0		µg/l	WA
0	Total dissolved solids	< 1,000	V	µg/l	GE
0	Total dissolved solids	11,000		µg/l	WA
0	Total dissolved solids	12,000		µg/l	WA
0	Total organic carbon	< 1,000		µg/l	GE
1	Total organic carbon	5,290		µg/l	WA
0	Total organic halogens	< 5.0		µg/l	GE
0	Total organic halogens	< 5.0		µg/l	WA
0	Total organic halogens	< 5.0		µg/l	WA
0	Total phosphates (as P)	< 50		µg/l	GE
0	Total phosphates (as P)	< 50		µg/l	WA
0	Toxaphene	< 0.24		µg/l	GE
0	Toxaphene	< 1.1		µg/l	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/l	GE
0	2,4,5-TP (Silvex)	< 0.55		µg/l	WA
0	1,1,1-Trichloroethane	< 1.0		µg/l	WA
0	1,1,1-Trichloroethane	< 1.0		µg/l	WA
0	Trichloroethylene	< 1.0		µg/l	GE
0	Trichloroethylene	< 1.0		µg/l	WA
0	Gross alpha	< 2.0E-09		µCi/ml	GE
0	Gross alpha	< 8.0E-10		µCi/ml	TM
0	Nonvolatile beta	< 2.0E-09		µCi/ml	GE
0	Nonvolatile beta	< 7.0E-10		µCi/ml	TM
0	Radium 226	< 8.0E-11		µCi/ml	TM
0	Radium 228	< 3.0E-10		µCi/ml	TM
0	Radium, total alpha emitting	< 1.0E-09		µCi/ml	GE
0	Tritium	< 7.0E-07		µCi/ml	GE
0	Tritium	< 4.8E-07		µCi/ml	TM

WELL QA 112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 13:57
pH: 8.3
Alkalinity: 1 mg/l
Water temperature: 12.7°C
Air temperature: 9.6°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.1	JQ	pH	GE
0	pH	8.0	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Aluminum	< 20		µg/l	GE
0	Aluminum	< 20		µg/l	WA
0	Arsenic	< 2.0		µg/l	GE
0	Arsenic	< 2.0		µg/l	WA
0	Barium	< 3.0		µg/l	GE
0	Barium	< 4.0		µg/l	WA
0	Cadmium	< 2.0		µg/l	GE
0	Cadmium	< 2.0		µg/l	WA
0	Calcium	< 10		µg/l	GE
0	Calcium	45		µg/l	WA
0	Chloride	< 250		µg/l	GE
0	Chloride	719		µg/l	WA
0	Chromium	< 4.0		µg/l	GE
0	Chromium	< 4.0		µg/l	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/l	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/l	WA
0	Endrin	< 0.0050		µg/l	GE
0	Endrin	< 0.15		µg/l	WA
0	Fluoride	< 100		µg/l	GE
0	Fluoride	< 100		µg/l	WA
0	Iron	< 4.0		µg/l	GE

WELL QA 112A collected on 02/25/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Iron	4.4	J3	µg/l	WA
0	Lead	< 3.0		µg/l	GE
0	Lead	< 3.0		µg/l	WA
0	Lindane	< 0.0050		µg/l	GE
0	Lindane	< 0.058		µg/l	WA
0	Magnesium	< 2.0		µg/l	GE
0	Magnesium	< 11		µg/l	WA
0	Manganese	< 2.0		µg/l	GE
0	Manganese	< 2.0		µg/l	WA
0	Mercury	< 0.20		µg/l	GE
0	Mercury	< 0.20		µg/l	WA
0	Methoxychlor	< 0.50		µg/l	GE
0	Methoxychlor	< 0.58		µg/l	WA
0	Nitrate as nitrogen	< 20		µg/l	WA
0	Nitrate nitrite as nitrogen	< 50		µg/l	GE
0	Phenols	< 5.0		µg/l	WA
0	Phenols	< 5.0		µg/l	GE
0	Potassium	< 500		µg/l	WA
0	Potassium	< 500		µg/l	GE
0	Selenium	< 2.0		µg/l	WA
0	Selenium	< 2.0		µg/l	GE
0	Silica	< 100		µg/l	WA
0	Silica	< 100		µg/l	GE
0	Silver	< 2.0		µg/l	WA
0	Silver	< 2.0		µg/l	GE
0	Sodium	< 10		µg/l	WA
0	Sodium	80	J3V	µg/l	WA
0	Sulfate	< 1,000		µg/l	GE
0	Sulfate	< 1,000		µg/l	WA
0	Total dissolved solids	4,000		µg/l	GE
0	Total dissolved solids	4,000		µg/l	WA
0	Total dissolved solids	< 1,000	J3V	µg/l	WA
0	Total dissolved solids	1,000		µg/l	WA
0	Total organic carbon	< 1,000		µg/l	GE
0	Total organic carbon	< 1,000		µg/l	WA
0	Total organic halogens	< 5.0		µg/l	GE
0	Total organic halogens	< 5.0		µg/l	WA
0	Total phosphates (as P)	< 50		µg/l	GE
0	Total phosphates (as P)	< 50		µg/l	WA
0	Toxaphene	< 0.24		µg/l	GE
0	Toxaphene	< 1.1		µg/l	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/l	GE
0	2,4,5-TP (Silvex)	< 0.58		µg/l	WA
0	Gross alpha	< 2.0E-09		µCi/ml	GE
0	Gross alpha	< 4.0E-10		µCi/ml	TM
0	Nonvolatile beta	< 2.0E-09		µCi/ml	GE
0	Nonvolatile beta	8.0E-10 ± 1.5E-09		µCi/ml	TM
0	Radium 226	< 2.0E-10		µCi/ml	TM
0	Radium 228	2.5E-09 ± 1.1E-09		µCi/ml	TM
0	Radium, total alpha emitting	< 1.0E-09		µCi/ml	GE
0	Tritium	< 7.0E-07		µCi/ml	GE
0	Tritium	< 5.0E-07		µCi/ml	TM

WELL QA 114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Turbidity: 0 NTU

Time: 11:36
pH: 4.6
Alkalinity: 0 mg/l
Water temperature: 16.9°C
Air temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.1	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	Specific conductance	8.0		µS/cm	GE
0	Specific conductance	8.0	JQ	µS/cm	WA
0	Specific conductance	18	J1	µS/cm	WA
0	Aluminum	< 20		µg/l	GE
0	Aluminum	< 20		µg/l	WA
0	Arsenic	< 2.0		µg/l	GE
0	Arsenic	< 2.0		µg/l	WA
0	Barium	< 3.0		µg/l	GE
0	Barium	< 4.0		µg/l	WA
0	Cadmium	< 2.0		µg/l	GE
0	Cadmium	< 2.0		µg/l	WA
0	Calcium	< 10		µg/l	GE
0	Calcium	12	J3	µg/l	WA
0	Chloride	< 250		µg/l	GE
0	Chloride	250		µg/l	WA
0	Chromium	< 4.0		µg/l	GE
0	Chromium	< 4.0		µg/l	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30		µg/l	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/l	WA
0	Endrin	< 0.0050		µg/l	GE
0	Endrin	< 0.11	J4	µg/l	WA
0	Endrin	< 0.11	JQB	µg/l	WA
0	Fluoride	< 100		µg/l	GE
0	Fluoride	< 100		µg/l	WA
0	Iron	< 4.0		µg/l	GE
0	Iron	< 4.0		µg/l	WA
0	Lead	< 3.0	J1	µg/l	GE
0	Lead	< 3.0		µg/l	WA
0	Lindane	< 0.0050		µg/l	GE
0	Lindane	< 0.055		µg/l	WA

SAMPLING BLANK RESULTS

WELL QA 114A collected on 03/15/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Lindane	<0.058	JQ6	µg/L	WA
0	Magnesium	<2.0	J3V	µg/L	GE
0	Magnesium	25		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.35		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Methoxychlor	<0.58	JQ6	µg/L	WA
0	Nitrate as nitrogen	37		µg/L	WA
0	Nitrate-nitrite as nitrogen	80		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Silica	30,300		µg/L	WA
0	Silica	27,100		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Sodium	79		µg/L	WA
0	Sodium	113		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Total dissolved solids	42,000	V	µg/L	WA
0	Total dissolved solids	362,000	V	µg/L	GE
0	Total dissolved solids	363,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0	JQ6	µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1	JQ6	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	WA
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	7.0E-10 ± 1.3E-09		µCi/mL	WA
0	Radium-226	<1.7E-10		µCi/mL	GE
0	Radium-226	1.9E-09 ± 1.2E-09		µCi/mL	WA
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	7.6E-07 ± 2.0E-07		µCi/mL	WA
0	Tritium	<4.8E-07		µCi/mL	GE

WELL QA 116A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Turbidity: 1 NTU

Time: 14:03
pH: 5.2
Alkalinity: 0 mg/L
Water temperature: 15.0°C
Air temperature: 12.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.0	JQ	pH	GE
0	pH	5.0	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	16	JQ	µS/cm	WA
0	Alkalinity (as CaCO ₃)	<1.0	V	mg/L	GE
0	Aluminum	<20		µg/L	GE
2	Aluminum	68		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	143		µg/L	WA
0	Chloride	869		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.12		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	26		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.060		µg/L	WA
0	Magnesium	<2.0	J3	µg/L	GE
0	Magnesium	46		µg/L	WA
0	Manganese	<2.0		µg/L	GE

WELL QA 118A collected on 03/19/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Manganese	4.2		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.60		µg/L	WA
0	Nitrate as nitrogen	34		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	19,100		µg/L	GE
0	Silica	14,200		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	246		µg/L	GE
0	Sodium	449	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	14,000	V	µg/L	GE
0	Total dissolved solids	17,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	WA
0	Gross alpha	<5.0E-10		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	1.2E-09 ± 1.8E-09		µCi/mL	WA
0	Nonvolatile beta	1.3E-09 ± 1.8E-09		µCi/mL	GE
0	Radium-226	<3.4E-10		µCi/mL	WA
0	Radium-226	<1.8E-10		µCi/mL	GE
0	Radium-226	1.8E-09 ± 1.0E-09		µCi/mL	WA
0	Radium-226	1.4E-09 ± 1.0E-09		µCi/mL	GE
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	WA
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	WA
0	Tritium	<5.0E-07		µCi/mL	GE

WELL QA 118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 12:18
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 13.6°C
Air temperature: 13.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.8	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	18	JQ	µS/cm	WA
0	Acenaphthene	<10		µg/L	GE
0	Acenaphthene	<11		µg/L	WA
0	Acenaphthylene	<10		µg/L	GE
0	Acenaphthylene	<11		µg/L	WA
0	Aldrin	<10		µg/L	GE
0	Aldrin	<0.050		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Anthracene	<10		µg/L	GE
0	Anthracene	<11		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	alpha-Benzene hexachloride	<10		µg/L	GE
0	alpha-Benzene hexachloride	<0.050		µg/L	WA
0	beta-Benzene hexachloride	<10		µg/L	GE
0	beta-Benzene hexachloride	<0.050		µg/L	WA
0	delta-Benzene hexachloride	<10		µg/L	GE
0	delta-Benzene hexachloride	<0.050		µg/L	WA
0	Benzidine	<10		µg/L	GE
0	Benzidine	<55		µg/L	WA
0	Benzo[a]anthracene	<10		µg/L	GE
0	Benzo[a]anthracene	<11		µg/L	WA
0	Benzo[b]fluoranthene	<10		µg/L	GE
0	Benzo[b]fluoranthene	<11		µg/L	WA
0	Benzo[k]fluoranthene	<10		µg/L	GE
0	Benzo[k]fluoranthene	<11		µg/L	WA
0	Benzo[g,h,i]perylene	<10		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 118A collected on 01/23/93, Laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Benzo[g,h,i]perylene	<11		µg/L	WA
0	Benzo[a]pyrene	<10		µg/L	GE
0	Benzo[a]pyrene	<11		µg/L	WA
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10		µg/L	GE
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bis(2-chloroisopropyl) ether	<11		µg/L	WA
0	Bis(2-chloroethyl) ether	<10		µg/L	GE
0	Bis(2-chloroethyl) ether	<11		µg/L	WA
0	Bis(2-ethylhexyl) phthalate	<10		µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<11		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	4-Bromophenyl phenyl ether	<10		µg/L	GE
0	4-Bromophenyl phenyl ether	<11		µg/L	WA
0	Butylbenzyl phthalate	<10		µg/L	GE
0	Butylbenzyl phthalate	<11		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	31	J3V	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chlordane	<10		µg/L	GE
0	Chlordane	<0.50		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	4-Chloro-m-cresol	<10		µg/L	GE
0	4-Chloro-m-cresol	<11		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	2.9	J	µg/L	WA
0	2-Chloronaphthalene	<10		µg/L	GE
0	2-Chloronaphthalene	<11		µg/L	WA
0	2-Chlorophenol	<10		µg/L	GE
0	2-Chlorophenol	<11		µg/L	WA
0	4-Chlorophenyl phenyl ether	<10		µg/L	GE
0	4-Chlorophenyl phenyl ether	<11		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chrysene	<10		µg/L	GE
0	Chrysene	<11		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	p,p'-DDD	<10		µg/L	GE
0	p,p'-DDD	<0.10		µg/L	WA
0	p,p'-DDE	<10		µg/L	GE
0	p,p'-DDE	<0.10		µg/L	WA
0	p,p'-DDT	<10		µg/L	GE
0	p,p'-DDT	<0.10		µg/L	WA
0	Dibenz[a,h]anthracene	<10		µg/L	GE
0	Dibenz[a,h]anthracene	<11		µg/L	WA
0	Dibenzofuran	<11		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	Di-n-butyl phthalate	<10		µg/L	GE
0	Di-n-butyl phthalate	<11		µg/L	WA
0	1,2-Dichlorobenzene	<11		µg/L	WA
0	1,3-Dichlorobenzene	<11		µg/L	WA
0	1,4-Dichlorobenzene	<11		µg/L	WA
0	3,3'-Dichlorobenzidine	<10		µg/L	GE
0	3,3'-Dichlorobenzidine	<22		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<10		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenol	<10		µg/L	GE
0	2,4-Dichlorophenol	<11		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Dieldrin	<10		µg/L	GE

WELL QA 118A collected on 01/23/93, Laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Dieldrin	<0.50		µg/L	GE
0	Diethyl phthalate	<10		µg/L	GE
0	Diethyl phthalate	<11		µg/L	WA
0	2,4-Dimethyl phenol	<10		µg/L	GE
0	2,4-Dimethyl phenol	<11		µg/L	WA
0	Dimethyl phthalate	<10		µg/L	GE
0	Dimethyl phthalate	<11		µg/L	WA
0	2,4-Dinitrophenol	<45		µg/L	GE
0	2,4-Dinitrophenol	<55		µg/L	WA
0	2,4-Dinitrotoluene	<10		µg/L	GE
0	2,4-Dinitrotoluene	<11		µg/L	WA
0	2,6-Dinitrotoluene	<10		µg/L	GE
0	2,6-Dinitrotoluene	<11		µg/L	WA
0	Di-n-octyl phthalate	<10		µg/L	GE
0	Di-n-octyl phthalate	<11		µg/L	WA
0	1,2-Diphenylhydrazine	<10		µg/L	GE
0	Endosulfan I	<10		µg/L	GE
0	Endosulfan I	<0.10		µg/L	GE
0	Endosulfan II	<10		µg/L	GE
0	Endosulfan II	<0.10		µg/L	GE
0	Endosulfan sulfate	<10		µg/L	GE
0	Endosulfan sulfate	<0.10		µg/L	GE
0	Endrin	<10		µg/L	GE
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Endrin aldehyde	<10		µg/L	GE
0	Endrin aldehyde	<0.10		µg/L	GE
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoranthene	<10		µg/L	GE
0	Fluoranthene	<11		µg/L	WA
0	Fluorene	<10		µg/L	GE
0	Fluorene	<11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Heptachlor	<10		µg/L	GE
0	Heptachlor	<0.050		µg/L	GE
0	Heptachlor epoxide	<10		µg/L	GE
0	Heptachlor epoxide	<0.050		µg/L	GE
0	Hexachlorobenzene	<10		µg/L	GE
0	Hexachlorobenzene	<11		µg/L	WA
0	Hexachlorobutadiene	<10		µg/L	GE
0	Hexachlorobutadiene	<11		µg/L	WA
0	Hexachlorocyclopentadiene	<10		µg/L	GE
0	Hexachlorocyclopentadiene	<11		µg/L	WA
0	Hexachloroethane	<10		µg/L	GE
0	Hexachloroethane	<11		µg/L	WA
0	Indeno[1,2,3-c,d]pyrene	<10		µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	8.3	J3	µg/L	WA
0	Isophorone	<10		µg/L	GE
0	Isophorone	<11		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<10		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	27	J3V	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	2-Methyl-4,6-dinitrophenol	<55		µg/L	WA
0	2-Methyl-4,6-dinitrophenol	<10		µg/L	GE
0	Naphthalene	<10		µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	50		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrobenzene	<10		µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10		µg/L	GE
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<10		µg/L	GE
0	4-Nitrophenol	<55		µg/L	WA
0	N-Nitrosodimethylamine	<10		µg/L	GE
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10		µg/L	GE
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10		µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	Parathion	<0.050		µg/L	GE
0	Parathion methyl	<0.050		µg/L	GE
0	PCB 1016	<150		µg/L	GE
0	PCB 1016	<0.50		µg/L	GE
0	PCB 1016	<0.58		µg/L	WA
0	PCB 1221	<150		µg/L	GE
0	PCB 1221	<0.58		µg/L	WA
0	PCB 1232	<150		µg/L	GE
0	PCB 1232	<0.50		µg/L	GE
0	PCB 1232	<0.58		µg/L	WA
0	PCB 1242	<150		µg/L	GE
0	PCB 1242	<0.50		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 118A collected on 01/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	PCB 1242	<0.58		µg/L	WA
0	PCB 1248	<150		µg/L	GE
0	PCB 1248	<0.50		µg/L	GE
0	PCB 1248	<0.58		µg/L	WA
0	PCB 1254	<150		µg/L	GE
0	PCB 1254	<0.50		µg/L	GE
0	PCB 1254	<1.1		µg/L	WA
0	PCB 1280	<150		µg/L	GE
0	PCB 1280	<0.50		µg/L	GE
0	PCB 1280	<1.1		µg/L	WA
0	Pentachlorophenol	<10		µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA
0	Phenanthrene	<10		µg/L	GE
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10		µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	WA
0	Phorate	<0.10		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pyrene	<10		µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100	J1	µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	2.9	J3V	µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	57	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Tetrachloroethylene	<2.0		µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Thallium	<2.0		µg/L	GE
0	Tin	<8.8		µg/L	WA
0	Tin	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	3,000	V	µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	5.8		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<10		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.57		µg/L	WA
0	1,2,4-Trichlorobenzene	<10		µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	2,4,6-Trichlorophenol	<10		µg/L	GE
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	4.3	J3V	µg/L	WA
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Europium-152	<4.0E-08		µCi/mL	GP
0	Europium-152	<5.0E-08		µCi/mL	CN
0	Europium-154	<2.0E-08		µCi/mL	GP
0	Europium-154	<2.5E-08		µCi/mL	CN
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	<4.5E-08		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	CN
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN

WELL QA 118A collected on 01/23/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-148	<1.0E-08		µCi/mL	GP
0	Promethium-148	<2.3E-08		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	GP
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<1.0E-09		µCi/mL	CN
0	Radium-226	<1.7E-10		µCi/mL	TM
0	Radium-226	2.3E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha-emitting	1.0E-09 ± 7.0E-10		µCi/mL	GE
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-108	<9.0E-08		µCi/mL	GP
0	Ruthenium-108	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.1E-07		µCi/mL	TM
0	Uranium-235	<1.5E-08		µCi/mL	GP
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 13:53
pH: 8.1
Alkalinity: 1 mg/L
Water temperature: 21.3°C
Air temperature: 15.2°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.5	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	14	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	11	J3	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Dibromochloromethane	<1.0		µg/L	WA
0	Dibromochloromethane	<5.0		µg/L	GE
0	1,1-Dichloroethane	<1.0		µg/L	WA
0	1,1-Dichloroethane	<5.0		µg/L	GE
0	1,2-Dichloroethane	<1.0		µg/L	WA
0	1,2-Dichloroethane	<5.0		µg/L	GE
0	1,1-Dichloroethylene	<1.0		µg/L	WA
0	1,1-Dichloroethylene	<5.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<5.0		µg/L	GE
0	Dichloromethane	<1.0		µg/L	WA
0	Dichloromethane	<5.0		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	GE
0	1,2-Dichloropropane	<1.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 120A collected on 03/04/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropane	<1.0		µg/L	GE
0	cis-1,3-Dichloropropane	<5.0		µg/L	WA
0	trans-1,3-Dichloropropane	<1.0		µg/L	GE
0	trans-1,3-Dichloropropane	<5.0		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	380		µg/L	GE
0	Nitrate-nitrite as nitrogen	360		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	377		µg/L	GE
0	Silica	385		µg/L	GE
0	Silica	255		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	11		µg/L	GE
0	Sodium	<10		µg/L	GE
0	Sodium	71	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	10,000		µg/L	GE
0	Total dissolved solids	8,000		µg/L	WA
0	Total dissolved solids	8,000		µg/L	WA
0	Total inorganic carbon	<1,000		µg/L	GE
0	Total inorganic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	<2.0		µg/L	GE
0	Zinc	4.0	J3V	µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.7E-10		µCi/mL	TM
0	Radium-226	8.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tridium	<7.0E-07		µCi/mL	GE
0	Tridium	<4.7E-07		µCi/mL	TM

WELL QA 122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/03/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 14:03
pH: 8.2
Alkalinity: 1 mg/L
Water temperature: 16.2°C
Air temperature: 13.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	JQ	pH	GE
0	pH	5.8	JQ	pH	GE
0	pH	5.8	JQY	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	19	JQY	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20	Y	µg/L	WA
0	Arsenic	<20		µg/L	GE
0	Arsenic	<20	Y	µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0	Y	µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0	Y	µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0	Y	µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0	Y	µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10	Y	µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0	Y	µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	13	J3VY	µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0	Y	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250	Y	µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0	Y	µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10	Y	µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	Y	µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10	Y	µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0	Y	µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10	Y	µg/L	WA
0	Chromium	<40		µg/L	GE
0	Chromium	<40	Y	µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0	Y	µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0	Y	µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0	Y	µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0	Y	µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0	Y	µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	8.0	Y	µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1	Y	µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0	Y	µg/L	WA
0	cis-1,3-Dichloropropane	<1.0		µg/L	GE
0	cis-1,3-Dichloropropane	<5.0	Y	µg/L	WA
0	trans-1,3-Dichloropropane	<1.0		µg/L	GE
0	trans-1,3-Dichloropropane	<5.0	Y	µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11	Y	µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0	Y	µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100	Y	µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0	Y	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0	Y	µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058	Y	µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11	Y	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0	Y	µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20	Y	µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58	Y	µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50	Y	µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0	Y	µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500	Y	µg/L	WA
0	Selenium	<2.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 122A collected on 03/03/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Selenium	<2.0	Y	µg/L	WA
0	Silica	370		µg/L	GE
0	Silica	349	Y	µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0	Y	µg/L	WA
0	Sodium	11		µg/L	GE
0	Sodium	36	J3VY	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000	Y	µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	Y	µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0	Y	µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0	Y	µg/L	WA
0	Total dissolved solids	<1,000	JQV	µg/L	GE
0	Total dissolved solids	4,000	Y	µg/L	WA
0	Total inorganic carbon	<1,000		µg/L	GE
0	Total inorganic carbon	<1,000	Y	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000	Y	µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0	Y	µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<5.0		µg/L	GE
0	Total phosphates (as P)	<5.0	Y	µg/L	WA
0	Total phosphates (as P)	<5.0		µg/L	GE
0	Toxaphene	<0.24	Y	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.57	Y	µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0	Y	µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0	Y	µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0	Y	µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0	Y	µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	8.8	J3VY	µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium 226	<2.3E-10		µCi/mL	TM
0	Radium 228	3.5E-08 ± 1.1E-09		µCi/mL	TM
0	Radium, total alpha-emitting	1.0E-09 ± 7.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.0E-07	Y	µCi/mL	TM

WELL QA 124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/05/93 Time 10:55
 Depth to water: Not available pH 5.0
 Water elevation: Not available Alkalinity 1 mg/L
 Sp. conductance 1 µS/cm Water temperature 14.8°C
 Turbidity 0 NTU Air temperature 15.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.2	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	1.5	JQ	µS/cm	WA
2	Aluminum	697		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	143		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<4.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	82,300		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	2-Chloroethyl vinyl ether	<1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	<10		µg/L	WA

WELL QA 124A collected on 03/05/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chromium	<8.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0		µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.12		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	77		µg/L	GE
0	Iron	<4.0		µg/L	WA
2	Lead	22		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.060		µg/L	WA
0	Magnesium	3,230		µg/L	GE
0	Magnesium	<11		µg/L	WA
2	Manganese	409		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	0.40		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<60		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	GE
0	Nitrate as nitrogen	<50		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	3,030		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	11,700		µg/L	GE
0	Silica	1,120		µg/L	WA
0	Silver	<4.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	23,300	J2	µg/L	GE
0	Sodium	80	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	<1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	5,000	J08	µg/L	GE
0	Total dissolved solids	2,000	JQ	µg/L	GE
0	Total dissolved solids	5,000		µg/L	WA
0	Total inorganic carbon	<1,000		µg/L	GE
0	Total inorganic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<5.0		µg/L	GE
0	Total phosphates (as P)	<5.0		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	Zinc	84		µg/L	GE
0	Zinc	2.7	J3	µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<3.0E-10		µCi/mL	TM
0	Radium 226	<2.4E-10		µCi/mL	GE
0	Radium 228	1.9E-09 ± 1.1E-09		µCi/mL	TM

SAMPLING BLANK RESULTS

WELL QA 124A collected on 03/05/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Radium, total alpha-emitting	1.0E-09 ± 6.0E-10		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 128A collected on 03/11/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.9E-07		µCi/mL	TM

WELL QA 126A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Turbidity: 0 NTU

Time: 13:04
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.9°C
Air temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.1	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	Specific conductance	10		µS/cm	GE
0	Specific conductance	15	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.2		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.12		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	70		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	18,500		µg/L	GE
0	Silica	14,800		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	74		µg/L	GE
0	Sodium	95	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	28,000	JQV8	µg/L	GE
0	Total dissolved solids	36,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	50		µg/L	GE
0	Total phosphates (as P)	50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.2		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.80		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-228	<2.5E-10		µCi/mL	TM
0	Radium-228	9.0E-10 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE

WELL QA 128A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 11:33
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 18.6°C
Air temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.3	JQ	pH	GE
0	pH	6.8	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	<1.0	JQ	µS/cm	WA
0	Specific conductance	<1.0	JQ	µS/cm	WA
0	Acenaphthene	<10	J1	µg/L	GE
0	Acenaphthene	<11		µg/L	WA
0	Acenaphthylene	<10	J1	µg/L	GE
0	Acenaphthylene	<11		µg/L	WA
0	Acetone	<100		µg/L	GE
0	Acetone	<10		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acetophenone	<10	J1	µg/L	GE
0	Acetophenone	<11		µg/L	WA
0	2-Acetylaminofluorene	<10	J1	µg/L	GE
0	2-Acetylaminofluorene	<11		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Aldrin	<0.050		µg/L	GE
0	Aldrin	<0.058		µg/L	WA
0	Alkalinity (as CaCO ₃)	1.9	V	mg/L	GE
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	4-Aminobiphenyl	<10	J1	µg/L	GE
0	4-Aminobiphenyl	<11		µg/L	WA
0	Ammonia nitrogen	<100		µg/L	GE
0	Aniline	<10	J1	µg/L	GE
0	Aniline	<11		µg/L	WA
0	Anthracene	<10	J1	µg/L	GE
0	Anthracene	<11		µg/L	WA
0	Antimony	<2.0		µg/L	GE
0	Antimony	<3.0		µg/L	WA
0	Aramite	<10	J1	µg/L	GE
0	Aramite	<22		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	alpha-Benzene hexachloride	<0.050		µg/L	GE
0	alpha-Benzene hexachloride	<0.058		µg/L	WA
0	beta-Benzene hexachloride	<0.050		µg/L	GE
0	beta-Benzene hexachloride	<0.058		µg/L	WA
0	delta-Benzene hexachloride	<0.050		µg/L	GE
0	delta-Benzene hexachloride	<0.058		µg/L	WA
0	Benzo[a]anthracene	<10	J1	µg/L	GE
0	Benzo[a]anthracene	<11		µg/L	WA
0	Benzo[b]fluoranthene	<10	J1	µg/L	GE
0	Benzo[b]fluoranthene	<11		µg/L	WA
0	Benzo[k]fluoranthene	<10	J1	µg/L	GE
0	Benzo[k]fluoranthene	<11		µg/L	WA
0	Benzoic acid	<10	JQ8	µg/L	GE
0	Benzo[g,h,i]perylene	<10	J1	µg/L	GE
0	Benzo[g,h,i]perylene	<11		µg/L	WA
0	Benzo[a]pyrene	<10	J1	µg/L	GE
0	Benzo[a]pyrene	<11		µg/L	WA
0	Benzyl alcohol	<10	J1	µg/L	GE
0	Benzyl alcohol	<11		µg/L	WA
0	Beryllium	<3.0		µg/L	GE
0	Beryllium	<3.0		µg/L	WA
0	Bis(2-chloroethoxy) methane	<10	J1	µg/L	GE
0	Bis(2-chloroethoxy) methane	<11		µg/L	WA
0	Bis(2-chloroethyl) ether	<10	J1	µg/L	GE
0	Bis(2-chloroethyl) ether	<11		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	J1	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<11		µg/L	WA
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromofom	<1.0		µg/L	GE
0	Bromofom	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	4-Bromophenyl phenyl ether	<10	J1	µg/L	GE
0	4-Bromophenyl phenyl ether	<11		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 128A collected on 02/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Butylbenzyl phthalate	<10	J1	µg/L	GE
0	Butylbenzyl phthalate	<11	JQ6	µg/L	WA
0	2-sec-Butyl-4,6-dinitrophenol	<10		µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<55		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0	J1	µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	25	J3	µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Carbonate	<1,000		µg/L	GE
0	Carbonate	<1,000		µg/L	WA
0	Carbonate	<1,000		µg/L	GE
0	Chlordane	<0.50		µg/L	WA
0	Chlordane	<0.58		µg/L	GE
0	Chlordane	<250		µg/L	WA
0	Chloride	<250		µg/L	GE
0	4-Chloroaniline	<10	J1	µg/L	WA
0	4-Chloroaniline	<11		µg/L	GE
0	Chlorobenzene	<1.0		µg/L	WA
0	Chlorobenzene	<5.0		µg/L	GE
0	Chlorobenzilate	<10	J1	µg/L	WA
0	Chlorobenzilate	<11		µg/L	GE
0	4-Chloro-m-cresol	<10	JQ6	µg/L	WA
0	4-Chloro-m-cresol	<11		µg/L	GE
0	Chloroethane	<1.0		µg/L	WA
0	Chloroethane	<10		µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0		µg/L	WA
0	Chloroethane (Vinyl chloride)	<10		µg/L	GE
0	2-Chloroethyl vinyl ether	<10	J1	µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	2-Chloronaphthalene	<10	J1	µg/L	GE
0	2-Chloronaphthalene	<11		µg/L	WA
0	2-Chlorophenol	<10	JQ6	µg/L	GE
0	2-Chlorophenol	<11		µg/L	WA
0	4-Chlorophenyl phenyl ether	<10	J1	µg/L	GE
0	4-Chlorophenyl phenyl ether	<11		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Chrysene	<10	J1	µg/L	GE
0	Chrysene	<11		µg/L	WA
0	Cobalt	<4.0		µg/L	GE
0	Cobalt	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	o-Cresol (2-Methylphenol)	<10	JQ6	µg/L	GE
0	o-Cresol (2-Methylphenol)	<11		µg/L	WA
0	m-Cresol (3-Methylphenol)	<10	JQ6	µg/L	GE
0	m-Cresol (3-Methylphenol)	<11		µg/L	WA
0	p-Cresol (4-Methylphenol)	<10	JQ6	µg/L	GE
0	p-Cresol (4-Methylphenol)	<11		µg/L	WA
0	Cyanide	<5.0		µg/L	GE
0	Cyanide	<5.0		µg/L	WA
0	p,p'-DDD	<0.10		µg/L	GE
0	p,p'-DDD	<0.11		µg/L	WA
0	p,p'-DDE	<0.10		µg/L	GE
0	p,p'-DDE	<0.11		µg/L	WA
0	p,p'-DDT	<0.10		µg/L	GE
0	p,p'-DDT	<0.11		µg/L	WA
0	Diallate	<10	J1	µg/L	GE
0	Diallate	<11		µg/L	WA
0	Dibenz[a,h]anthracene	<10	J1	µg/L	GE
0	Dibenz[a,h]anthracene	<11		µg/L	WA
0	Dibenzofuran	<10	J1	µg/L	GE
0	Dibenzofuran	<11		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<10		µg/L	WA
0	Di-n-butyl phthalate	<10	J1	µg/L	GE
0	Di-n-butyl phthalate	<11		µg/L	WA
0	1,2-Dichlorobenzene	<10	J1	µg/L	GE
0	1,2-Dichlorobenzene	<11		µg/L	WA
0	1,3-Dichlorobenzene	<10	J1	µg/L	GE
0	1,3-Dichlorobenzene	<11		µg/L	WA
0	1,4-Dichlorobenzene	<10	J1	µg/L	GE
0	1,4-Dichlorobenzene	<11		µg/L	WA
0	3,3'-Dichlorobenzidine	<10	J1	µg/L	GE
0	3,3'-Dichlorobenzidine	<22		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	<1.0		µg/L	GE
0	Dichlorodifluoromethane	<10		µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA

WELL QA 128A collected on 02/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.7		µg/L	GE
0	Dichloromethane	<5.0	JQ6	µg/L	WA
0	2,4-Dichlorophenol	<10		µg/L	GE
0	2,4-Dichlorophenol	<11	JQ6	µg/L	WA
0	2,6-Dichlorophenol	<10		µg/L	GE
0	2,6-Dichlorophenol	<11	JQ6	µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	GE
0	1,2-Dichloropropane	<1.0		µg/L	WA
0	1,2-Dichloropropane	<5.0		µg/L	GE
0	cis-1,3-Dichloropropene	<1.0		µg/L	WA
0	cis-1,3-Dichloropropene	<5.0		µg/L	GE
0	trans-1,3-Dichloropropene	<1.0		µg/L	WA
0	trans-1,3-Dichloropropene	<5.0		µg/L	GE
0	Dieldrin	<0.50		µg/L	WA
0	Dieldrin	<0.11		µg/L	GE
0	Diethyl phthalate	<10	J1	µg/L	WA
0	Diethyl phthalate	<11		µg/L	GE
0	Dimethoate	<10	J1	µg/L	WA
0	2,4-Dimethyl phenol	<10	JQ6	µg/L	GE
0	2,4-Dimethyl phenol	<11		µg/L	WA
0	Dimethyl phthalate	<10	J1	µg/L	GE
0	Dimethyl phthalate	<11		µg/L	WA
0	p-Dimethylaminoazobenzene	<10	J1	µg/L	GE
0	p-Dimethylaminoazobenzene	<11		µg/L	WA
0	Dimethylbenz[a]anthracene	<10	J1	µg/L	GE
0	Dimethylbenz[a]anthracene	<11		µg/L	WA
0	3,3'-Dimethylbenzidine	<10	J1	µg/L	GE
0	3,3'-Dimethylbenzidine	<11		µg/L	WA
0	a,a-Dimethylphenethylamine	<10	J1	µg/L	GE
0	a,a-Dimethylphenethylamine	<11		µg/L	WA
0	1,3-Dinitrobenzene	<10	J1	µg/L	GE
0	1,3-Dinitrobenzene	<11		µg/L	WA
0	2,4-Dinitrophenol	<45	JQ6	µg/L	GE
0	2,4-Dinitrophenol	<55		µg/L	WA
0	2,4-Dinitrotoluene	<10	J1	µg/L	GE
0	2,4-Dinitrotoluene	<11		µg/L	WA
0	2,6-Dinitrotoluene	<10	J1	µg/L	GE
0	2,6-Dinitrotoluene	<11		µg/L	WA
0	Di-n-octyl phthalate	<10	J1	µg/L	GE
0	Di-n-octyl phthalate	<11		µg/L	WA
0	1,4-Dioxane	<10	J1	µg/L	GE
0	1,4-Dioxane	<11		µg/L	WA
0	Diphenylamine	<10	J1	µg/L	GE
0	Diphenylamine	<11		µg/L	WA
0	Disulfoton	<10	J1	µg/L	GE
0	Endosulfan I	<0.10		µg/L	WA
0	Endosulfan I	<0.058		µg/L	GE
0	Endosulfan II	<0.10		µg/L	WA
0	Endosulfan II	<0.11		µg/L	GE
0	Endosulfan sulfate	<0.10		µg/L	WA
0	Endosulfan sulfate	<0.11		µg/L	GE
0	Endrin	<0.0060		µg/L	WA
0	Endrin	<0.11		µg/L	GE
0	Endrin aldehyde	<0.10		µg/L	WA
0	Endrin aldehyde	<0.11		µg/L	GE
0	Ethyl methacrylate	<10	J1	µg/L	WA
0	Ethyl methacrylate	<11		µg/L	GE
0	Ethyl methanesulfonate	<10	J1	µg/L	WA
0	Ethyl methanesulfonate	<11		µg/L	GE
0	Ethylbenzene	<1.0		µg/L	WA
0	Ethylbenzene	<5.0		µg/L	GE
0	Famphur	<10	J1	µg/L	WA
0	Fluoranthene	<10	J1	µg/L	GE
0	Fluoranthene	<11		µg/L	WA
0	Fluorene	<10	J1	µg/L	GE
0	Fluorene	<11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Heptachlor	<0.050		µg/L	GE
0	Heptachlor	<0.058		µg/L	WA
0	Heptachlor epoxide	<0.050		µg/L	GE
0	Heptachlor epoxide	<0.058		µg/L	WA
0	1,2,3,4,6,7,8-HPCDD	<0.00065		µg/L	GE
0	Heptachlorodibenzo-p-dioxins	<0.00065		µg/L	WA
0	1,2,3,4,6,7,8-HPCDF	<0.00045		µg/L	GE
0	Heptachlorodibenzo-p-furans	<0.00045		µg/L	WA
0	Hexachlorobenzene	<10	J1	µg/L	GE
0	Hexachlorobenzene	<11		µg/L	WA
0	Hexachlorobutadiene	<10	J1	µg/L	GE
0	Hexachlorobutadiene	<11		µg/L	WA
0	Hexachlorocyclopentadiene	<10	J1	µg/L	GE
0	Hexachlorocyclopentadiene	<11		µg/L	WA
0	1,2,3,4,7,8-HxCDD	<0.00045		µg/L	GE
0	Hexachlorodibenzo-p-dioxins	<0.00045		µg/L	WA
0	Hexachlorodibenzo-p-dioxins	<0.0034		µg/L	GE
0	1,2,3,4,7,8-HxCDF	<0.00040		µg/L	WA
0	Hexachlorodibenzo-p-furans	<0.00040		µg/L	GE
0	Hexachlorodibenzo-p-furans	<0.00080		µg/L	WA
0	Hexachloroethane	<10	J1	µg/L	GE
0	Hexachloroethane	<11		µg/L	WA
0	Hexachlorophene	<10	JQ6	µg/L	GE
0	Hexachlorophene	<99		µg/L	WA
0	Hexachloropropene	<10	J1	µg/L	GE
0	Hexachloropropene	<11		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 128A collected on 02/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Indeno[1,2,3-c,d]pyrene	<10	J1	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<11		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<10		µg/L	WA
0	Iron	<4.0	J3	µg/L	GE
0	Iron	4.1		µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Isodrin	<10	J1	µg/L	GE
0	Isodrin	<0.11		µg/L	WA
0	Isophorone	<10	J1	µg/L	GE
0	Isophorone	<11		µg/L	WA
0	Isosafrole	<10	J1	µg/L	GE
0	Isosafrole	<11		µg/L	WA
0	Kepone	<10	J1	µg/L	GE
0	Kepone	<0.11		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methacrylonitrile	<10	J1	µg/L	GE
0	Methacrylonitrile	<11		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	2-Methyl-4,6-dinitrophenol	<55	JQ6	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<10		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Methyl methacrylate	<10	J1	µg/L	GE
0	Methyl methacrylate	<11		µg/L	WA
0	Methyl methanesulfonate	<10	J1	µg/L	GE
0	Methyl methanesulfonate	<11		µg/L	WA
0	3-Methylcholanthrene	<10	J1	µg/L	GE
0	3-Methylcholanthrene	<11		µg/L	WA
0	2-Methylnaphthalene	<10	J1	µg/L	GE
0	2-Methylnaphthalene	<11		µg/L	WA
0	Naphthalene	<10	J1	µg/L	GE
0	Naphthalene	<11		µg/L	WA
0	1,4-Naphthoquinone	<10	J1	µg/L	GE
0	1,4-Naphthoquinone	<11		µg/L	WA
0	1-Naphthylamine	<10	J1	µg/L	GE
0	1-Naphthylamine	<11		µg/L	WA
0	2-Naphthylamine	<10	J1	µg/L	GE
0	2-Naphthylamine	<11		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	o-Nitroaniline	<10	J1	µg/L	GE
0	o-Nitroaniline	<55		µg/L	WA
0	m-Nitroaniline	<10	J1	µg/L	GE
0	m-Nitroaniline	<55		µg/L	WA
0	p-Nitroaniline	<10	J1	µg/L	GE
0	p-Nitroaniline	<55		µg/L	WA
0	Nitrobenzene	<10	J1	µg/L	GE
0	Nitrobenzene	<11		µg/L	WA
0	2-Nitrophenol	<10	JQ6	µg/L	GE
0	2-Nitrophenol	<11		µg/L	WA
0	4-Nitrophenol	<10	JQ6	µg/L	GE
0	4-Nitrophenol	<55		µg/L	WA
0	4-Nitroquinoline-1-oxide	<10	J1	µg/L	GE
0	4-Nitroquinoline-1-oxide	<22		µg/L	WA
0	N-Nitrosodi-n-butylamine	<10	J1	µg/L	GE
0	N-Nitrosodi-n-butylamine	<11		µg/L	WA
0	N-Nitrosodiethylamine	<10	J1	µg/L	GE
0	N-Nitrosodiethylamine	<11		µg/L	WA
0	N-Nitrosodimethylamine	<10	J1	µg/L	GE
0	N-Nitrosodimethylamine	<11		µg/L	WA
0	N-Nitrosodiphenylamine	<10	J1	µg/L	GE
0	N-Nitrosodiphenylamine	<11		µg/L	WA
0	N-Nitrosodipropylamine	<10	J1	µg/L	GE
0	N-Nitrosodipropylamine	<11		µg/L	WA
0	N-Nitrosomethylethylamine	<10	J1	µg/L	GE
0	N-Nitrosomethylethylamine	<11		µg/L	WA
0	N-Nitrosomorpholine	<10	J1	µg/L	GE
0	N-Nitrosomorpholine	<11		µg/L	WA
0	N-Nitrosopiperidine	<10	J1	µg/L	GE
0	N-Nitrosopiperidine	<55		µg/L	WA
0	N-Nitrosopyrrolidine	<10	J1	µg/L	GE
0	N-Nitrosopyrrolidine	<11		µg/L	WA
0	5-Nitro-o-toluidine	<10	J1	µg/L	GE
0	5-Nitro-o-toluidine	<11		µg/L	WA
0	O,O,O-Triethyl phosphorothioate	<10	J1	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<0.0010		µg/L	WA
0	Octachlorodibenzo-p-dioxins	<0.0010		µg/L	GE
0	Octachlorodibenzo-p-dioxins	<0.0010		µg/L	WA
0	Parathion	<0.050		µg/L	GE
0	Parathion methyl	<0.050		µg/L	GE
0	PCB 1018	<0.50		µg/L	GE
0	PCB 1018	<0.58		µg/L	WA

WELL QA 128A collected on 02/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	PCB 1221	<0.50		µg/L	GE
0	PCB 1221	<0.58		µg/L	WA
0	PCB 1232	<0.50		µg/L	GE
0	PCB 1232	<0.58		µg/L	WA
0	PCB 1242	<0.50		µg/L	GE
0	PCB 1242	<0.58		µg/L	WA
0	PCB 1248	<0.50		µg/L	GE
0	PCB 1248	<0.58		µg/L	WA
0	PCB 1254	<0.50		µg/L	GE
0	PCB 1254	<1.1		µg/L	WA
0	PCB 1260	<0.50		µg/L	GE
1	PCB 1260	0.47		µg/L	WA
0	Pentachlorobenzene	<10	J1	µg/L	GE
0	Pentachlorobenzene	<11		µg/L	WA
0	1,2,3,7,8-PCDD	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-dioxins	<0.0017		µg/L	WA
0	Pentachlorodibenzo-p-furans	<0.00055		µg/L	GE
0	Pentachlorodibenzo-p-furans	<0.00060		µg/L	WA
0	1,2,3,7,8-PCDF	<0.00055		µg/L	GE
0	Pentachloroethane	<10	J1	µg/L	GE
0	Pentachloroethane	<11		µg/L	WA
0	Pentachloronitrobenzene	<10	J1	µg/L	GE
0	Pentachloronitrobenzene	<55		µg/L	WA
0	Pentachlorophenol	<10	JQ6	µg/L	GE
0	Pentachlorophenol	<55		µg/L	WA
0	Phenacetin	<10	J1	µg/L	GE
0	Phenacetin	<11		µg/L	WA
0	Phenanthrene	<10	J1	µg/L	GE
0	Phenanthrene	<11		µg/L	WA
0	Phenol	<10	JQ6	µg/L	GE
0	Phenol	<11		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	p-Phenylenediamine	<10	J1	µg/L	GE
0	p-Phenylenediamine	<11		µg/L	WA
0	Phorate	<0.10		µg/L	GE
0	2-Picoline	<10	J1	µg/L	GE
0	2-Picoline	<11		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Pronamid	<10	J1	µg/L	GE
0	Pronamid	<11		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Pyrene	<10	J1	µg/L	GE
0	Pyrene	<11		µg/L	WA
0	Pyridine	<10	J1	µg/L	GE
0	Pyridine	<11		µg/L	WA
0	Safrole	<10	J1	µg/L	GE
0	Safrole	<11		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	116		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	65	J3V	µg/L	WA
0	Styrene	<10		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfide	<1,000	JQ	µg/L	GE
0	Sulfide	<1,000		µg/L	WA
0	Sulfatepp	<10	J1	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	J1	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<11		µg/L	WA
0	2,3,7,8-TCDD	<0.00045		µg/L	GE
0	2,3,7,8-TCDD	<0.00040		µg/L	WA
0	2,3,7,8-TCDF	<0.00040		µg/L	GE
0	Tetrachlorodibenzo-p-dioxins	<0.00045		µg/L	GE
0	Tetrachlorodibenzo-p-dioxins	<0.00050		µg/L	WA
0	Tetrachlorodibenzo-p-furans	<0.00040		µg/L	GE
0	Tetrachlorodibenzo-p-furans	<0.00080		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<10		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<10		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<10		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	2,3,4,6-Tetrachlorophenol	<10	JQ6	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<11		µg/L	WA
0	Thallium	<2.0	J1	µg/L	GE
0	Thallium	<2.0		µg/L	WA
0	Thionazin	<10	J1	µg/L	GE
0	Tin	2.1		µg/L	GE
0	Tin	<8.6		µg/L	WA
0	Toluene	<10		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	o-Toluidine	<10	J1	µg/L	GE
0	o-Toluidine	<11		µg/L	WA
0	Total dissolved solids	6,000	V	µg/L	GE
0	Total dissolved solids	9,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 128A collected on 02/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,2,4-Trichlorobenzene	<10	J1	µg/L	GE
0	1,2,4-Trichlorobenzene	<11		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	2,4,5-Trichlorophenol	<10	JQ8	µg/L	GE
0	2,4,5-Trichlorophenol	<55		µg/L	WA
0	2,4,6-Trichlorophenol	<10	JQ8	µg/L	GE
0	2,4,6-Trichlorophenol	<11		µg/L	WA
0	2,4,5-T	<0.090		µg/L	GE
0	2,4,5-T	<0.090		µg/L	GE
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	1,3,5-Trinitrobenzene	<10	J1	µg/L	GE
0	1,3,5-Trinitrobenzene	<11		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Zinc	<2.0		µg/L	GE
0	Zinc	23		µg/L	WA
0	Actinium-228	<3.0E-08		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	GP
0	Americium-241	<1.0E-09		µCi/mL	CN
0	Antimony-125	<2.0E-08		µCi/mL	GP
0	Antimony-125	<2.5E-08		µCi/mL	CN
0	Cerium-144	<6.0E-08		µCi/mL	GP
0	Cerium-144	<5.0E-08		µCi/mL	CN
0	Cesium-134	<1.0E-08		µCi/mL	GP
0	Cesium-134	<1.0E-08		µCi/mL	CN
0	Cesium-137	<1.0E-08		µCi/mL	GP
0	Cesium-137	<1.0E-08		µCi/mL	CN
0	Cobalt-57	<1.0E-08		µCi/mL	GP
0	Cobalt-57	<1.0E-08		µCi/mL	CN
0	Cobalt-60	<1.0E-08		µCi/mL	GP
0	Cobalt-60	<1.2E-08		µCi/mL	CN
0	Curium-242	<1.0E-09		µCi/mL	GP
0	Curium-242	<1.0E-09		µCi/mL	CN
0	Curium-243/244	<1.0E-09		µCi/mL	GP
0	Curium-243/244	<1.0E-09		µCi/mL	CN
0	Curium-245/246	<1.0E-09		µCi/mL	GP
0	Europium-152	<4.0E-08		µCi/mL	CN
0	Europium-152	<5.0E-08		µCi/mL	GP
0	Europium-154	<2.0E-08		µCi/mL	CN
0	Europium-154	<2.5E-08		µCi/mL	GP
0	Europium-155	<3.0E-08		µCi/mL	GP
0	Europium-155	<2.5E-08		µCi/mL	CN
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Iodine-129	<2.0E-09		µCi/mL	GP
0	Iodine-129	<2.0E-09		µCi/mL	CN
0	Lead-212	<1.5E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	GP
0	Manganese-54	<1.0E-08		µCi/mL	CN
0	Neptunium-237	1.1E-09 ± 5.0E-10		µCi/mL	GP
0	Neptunium-237	<4.5E-08		µCi/mL	CN
0	Neptunium-237	<1.0E-09		µCi/mL	CN
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Plutonium-238	<1.0E-09		µCi/mL	GP
0	Plutonium-238	<1.0E-09		µCi/mL	CN
0	Plutonium-239/240	<1.0E-09		µCi/mL	GP
0	Plutonium-239/240	<1.0E-09		µCi/mL	CN
0	Potassium-40	<1.1E-07		µCi/mL	GP
0	Potassium-40	<2.5E-07		µCi/mL	CN
0	Promethium-144	<1.0E-08		µCi/mL	GP
0	Promethium-144	<1.0E-08		µCi/mL	CN
0	Promethium-146	<1.0E-08		µCi/mL	GP
0	Promethium-146	<2.3E-08		µCi/mL	CN
0	Radium-226	<2.2E-07		µCi/mL	CN
0	Radium-226	<2.0E-10		µCi/mL	TM
0	Radium-228	1.1E-09 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Ruthenium-103	<1.0E-08		µCi/mL	CN
0	Ruthenium-106	<9.0E-08		µCi/mL	GP
0	Ruthenium-106	<8.0E-08		µCi/mL	CN
0	Sodium-22	<1.0E-08		µCi/mL	GP
0	Sodium-22	<1.0E-08		µCi/mL	CN
1	Strontium-90	4.8E-09 ± 1.8E-09		µCi/mL	GP
0	Strontium-90	<2.0E-09		µCi/mL	CN
0	Technetium-99	<3.0E-07		µCi/mL	GP
0	Technetium-99	<3.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	GP
0	Thorium-228	<4.0E-07		µCi/mL	CN
0	Thorium-228	<1.0E-09		µCi/mL	CN
0	Thorium-230	<1.0E-09		µCi/mL	GP
0	Thorium-230	<1.0E-09		µCi/mL	CN
0	Thorium-232	<1.0E-09		µCi/mL	GP

WELL QA 128A collected on 02/21/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Thorium-232	<1.0E-09		µCi/mL	CN
0	Thorium-234	<3.5E-07		µCi/mL	GP
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM
0	Uranium-233/234	<1.0E-09		µCi/mL	GP
0	Uranium-233/234	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.0E-09		µCi/mL	GP
0	Uranium-235	<1.0E-09		µCi/mL	CN
0	Uranium-235	<1.5E-08		µCi/mL	CN
0	Uranium-238	<1.0E-09		µCi/mL	GP
0	Uranium-238	<1.0E-09		µCi/mL	CN
0	Yttrium-88	<6.0E-08		µCi/mL	GP
0	Yttrium-88	<1.0E-08		µCi/mL	CN
0	Zinc-65	<2.0E-08		µCi/mL	GP
0	Zinc-65	<2.3E-08		µCi/mL	CN

WELL QA 130A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 10:04
pH: 5.7
Alkalinity: 0 mg/L
Water temperature: 20.8°C
Air temperature: 9.8°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.1	JQ	pH	GE
0	pH	7.8	JQ	pH	WA
0	Specific conductance	1.0		µS/cm	GE
0	Specific conductance	1	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	10	J3	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.055		µg/L	WA
0	Magnesium	<2.0	J1	µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20	JQ	µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.55		µg/L	WA
0	Nitrate as nitrogen	37		µg/L	WA
0	Nitrate as nitrogen	80		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10	J1	µg/L	GE
0	Sodium	78	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	5,000		µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 130A collected on 02/26/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090		µg/L	GE
0	2,4,5-TP (Silvex)	< 0.58		µg/L	WA
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 6.0E-10		µCi/mL	TM
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 7.0E-10		µCi/mL	TM
0	Radium-226	< 1.3E-10		µCi/mL	TM
0	Radium-226	1.6E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha-emitting	1.0E-09 ± 6.0E-10		µCi/mL	GE
0	Tritium	< 7.0E-07		µCi/mL	GE
0	Tritium	< 4.7E-07		µCi/mL	TM

WELL QA 132A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 12:58
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 15.7°C
Air temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	Specific conductance	8.0		µS/cm	GE
0	Specific conductance	17	JQ	µS/cm	WA
0	Turbidity	< 0.10		NTU	GE
0	Turbidity	< 0.20	JQ	NTU	WA
0	Aluminum	< 20		µg/L	GE
0	Aluminum	< 20		µg/L	GE
0	Aluminum	< 20		µg/L	WA
0	Arsenic	< 20		µg/L	GE
0	Arsenic	< 20		µg/L	WA
0	Barium	< 30		µg/L	GE
0	Barium	< 30		µg/L	GE
0	Barium	< 40		µg/L	WA
0	Benzene	< 1.0		µg/L	GE
0	Benzene	< 5.0		µg/L	WA
0	Bromodichloromethane	< 1.0		µg/L	GE
0	Bromodichloromethane	< 5.0		µg/L	WA
0	Bromoform	< 1.0		µg/L	GE
0	Bromoform	< 5.0		µg/L	WA
0	Bromomethane	< 1.0		µg/L	GE
0	Bromomethane	< 10		µg/L	WA
0	Cadmium	< 20		µg/L	GE
0	Cadmium	< 20		µg/L	GE
0	Cadmium	< 2.0		µg/L	WA
0	Calcium	< 10	J1	µg/L	GE
0	Calcium	< 10	J1	µg/L	GE
0	Calcium	< 10	J3	µg/L	WA
0	Carbon tetrachloride	< 1.0		µg/L	GE
0	Carbon tetrachloride	< 5.0		µg/L	WA
0	Chloride	< 250		µg/L	GE
0	Chloride	< 250		µg/L	WA
0	Chlorobenzene	< 1.0		µg/L	GE
0	Chlorobenzene	< 5.0		µg/L	WA
0	Chloroethane	< 1.0		µg/L	GE
0	Chloroethane	< 10		µg/L	WA
0	Chloroethene (vinyl chloride)	< 1.0		µg/L	GE
0	Chloroethene (vinyl chloride)	< 10		µg/L	WA
0	2-Chloroethyl vinyl ether	< 1.0		µg/L	GE
0	2-Chloroethyl vinyl ether	< 10		µg/L	WA
0	Chloroform	< 1.0		µg/L	GE
0	Chloroform	< 5.0		µg/L	WA
0	Chloromethane	< 1.0		µg/L	GE
0	Chloromethane	< 10		µg/L	WA
0	Chromium	< 40		µg/L	GE
0	Chromium	< 40		µg/L	GE
0	Chromium	< 40		µg/L	WA
0	Dibromochloromethane	< 1.0		µg/L	GE
0	Dibromochloromethane	< 5.0		µg/L	WA
0	1,1-Dichloroethane	< 1.0		µg/L	GE
0	1,1-Dichloroethane	< 5.0		µg/L	WA
0	1,2-Dichloroethane	< 1.0		µg/L	GE
0	1,2-Dichloroethane	< 5.0		µg/L	WA
0	1,1-Dichloroethylene	< 1.0		µg/L	GE
0	1,1-Dichloroethylene	< 5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	< 1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	< 5.0		µg/L	WA
0	Dichloromethane	< 1.0		µg/L	GE
0	Dichloromethane	< 5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	JQ6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	WA
0	1,2-Dichloropropane	< 1.0		µg/L	GE
0	1,2-Dichloropropane	< 5.0		µg/L	WA
0	cis-1,3-Dichloropropene	< 1.0		µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0		µg/L	WA
0	trans-1,3-Dichloropropene	< 1.0		µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0		µg/L	WA
0	Endrin	< 0.0060		µg/L	GE
0	Endrin	< 0.11		µg/L	WA
0	Ethylbenzene	< 1.0		µg/L	GE
0	Ethylbenzene	< 5.0		µg/L	WA
0	Fluoride	< 100		µg/L	GE

WELL QA 132A collected on 02/22/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Fluoride	< 100		µg/L	WA
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	GE
0	Iron	< 4.0		µg/L	WA
0	Lead	< 3.0		µg/L	GE
0	Lead	< 3.0		µg/L	WA
0	Lindane	< 0.0050		µg/L	GE
0	Lindane	< 0.058		µg/L	WA
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 2.0		µg/L	GE
0	Magnesium	< 11		µg/L	WA
0	Manganese	< 2.0		µg/L	GE
0	Manganese	< 2.0		µg/L	GE
0	Manganese	8.8		µg/L	WA
0	Mercury	< 0.20		µg/L	GE
0	Mercury	< 0.20		µg/L	WA
0	Methoxychlor	< 0.50		µg/L	GE
0	Methoxychlor	< 0.58		µg/L	WA
0	Nitrate as nitrogen	42		µg/L	WA
0	Nitrate-nitrite as nitrogen	50		µg/L	GE
0	Nitrate-nitrite as nitrogen	60		µg/L	GE
0	Phenols	< 5.0		µg/L	GE
0	Phenols	< 5.0		µg/L	WA
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	GE
0	Potassium	< 500		µg/L	WA
0	Selenium	< 2.0	J1	µg/L	GE
0	Selenium	< 2.0		µg/L	WA
0	Silica	< 100		µg/L	GE
0	Silica	< 100		µg/L	GE
0	Silica	< 100		µg/L	WA
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	GE
0	Silver	< 2.0		µg/L	WA
0	Sodium	< 10		µg/L	GE
0	Sodium	< 10		µg/L	GE
0	Sodium	85	J3V	µg/L	WA
0	Sulfate	< 1,000		µg/L	GE
0	Sulfate	< 1,000		µg/L	WA
0	1,1,2,2-Tetrachloroethane	< 1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	WA
0	Trichloroethylene	< 1.0		µg/L	GE
0	Trichloroethylene	< 5.0		µg/L	WA
0	Toluene	< 1.0		µg/L	GE
0	Toluene	< 5.0		µg/L	WA
0	Total dissolved solids	9,000	V	µg/L	GE
0	Total dissolved solids	5,000		µg/L	WA
0	Total organic carbon	< 1,000		µg/L	GE
0	Total organic carbon	< 1,000		µg/L	WA
0	Total organic halogens	< 5.0		µg/L	GE
0	Total organic halogens	< 5.0		µg/L	WA
0	Total phosphates (as P)	< 50		µg/L	GE
0	Total phosphates (as P)	< 50		µg/L	WA
0	Toxaphene	< 0.24		µg/L	GE
0	Toxaphene	< 1.1		µg/L	WA
0	2,4,5-TP (Silvex)	< 0.090	JQ8	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.57		µg/L	WA
0	1,1,1-Trichloroethane	< 1.0		µg/L	GE
0	1,1,1-Trichloroethane	< 5.0		µg/L	WA
0	1,1,2-Trichloroethane	< 1.0		µg/L	GE
0	1,1,2-Trichloroethane	< 5.0		µg/L	WA
0	Trichloroethylene	< 1.0		µg/L	GE
0	Trichloroethylene	< 5.0		µg/L	WA
0	Trichlorofluoromethane	< 1.0		µg/L	GE
0	Trichlorofluoromethane	< 5.0		µg/L	WA
0	Gross alpha	< 2.0E-09		µCi/mL	GE
0	Gross alpha	< 2.0E-08		µCi/mL	TM
0	Gross alpha	< 3.0E-10		µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09		µCi/mL	GE
0	Nonvolatile beta	< 4.0E-10		µCi/mL	TM
0	Radium-226	< 2.8E-10		µCi/mL	TM
0	Radium-226	3.0E-10 ± 9.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	< 1.0E-09		µCi/mL	GE
0	Tritium	9.8E-07 ± 3.0E-07		µCi/mL	GE
0	Tritium	< 4.8E-07		µCi/mL	TM

WELL QA 134A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/17/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 9:31
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 16.7°C
Air temperature: 12.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.3	JQ	pH	GE
0	pH	4.8	JQ	pH	WA
0	pH	4.5	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	13	JQ	µS/cm	WA
0	Specific conductance	13	JQ	µS/cm	WA
0	Turbidity	< 0.10		NTU	GE
0	Turbidity	0.20	JQ	NTU	WA

SAMPLING BLANK RESULTS

WELL QA 134A collected on 02/17/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Turbidity	0.20	JQ	NTU	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	81	V	µg/L	WA
0	Chloride	270		µg/L	GE
0	Chloride	735		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0080		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.053		µg/L	WA
0	Magnesium	<2.0	J3V	µg/L	GE
0	Magnesium	12		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.53		µg/L	WA
0	Nitrate as nitrogen	84		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Selenium	<2.0	J1	µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Silica	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Sodium	<10		µg/L	WA
0	Sodium	42	J3V	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000	V	µg/L	GE
0	Total dissolved solids	13,000		µg/L	WA
0	Total dissolved solids	19,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.53		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<1.6E-10		µCi/mL	TM
0	Radium-228	6.0E-10 ± 8.0E-10		µCi/mL	GE
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 136A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Turbidity: 0 NTU

Time: 10:43
pH: 6.0
Alkalinity: 1 mg/L
Water temperature: 12.4°C
Air temperature: 8.1°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.0	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	13	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA

WELL QA 136A collected on 02/18/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	2.1	J3	µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	12	J3	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	4.5	J3	µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	41		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0	J3	µg/L	GE
0	Magnesium	18		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	7.0	J3	µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrite as nitrogen	<10	JQ	µg/L	GE
0	Nitrite as nitrogen	151	JQ	µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	92	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000	V	µg/L	WA
0	Total dissolved solids	1,000		µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total dissolved solids	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0	JQ8	µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.57		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<6.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.3E-10		µCi/mL	TM
0	Radium-228	9.0E-10 ± 8.0E-10		µCi/mL	GE
0	Radium-228	<1.0E-09		µCi/mL	WA
0	Radium, total alpha-emitting	<7.0E-07		µCi/mL	GE
0	Tritium	<4.9E-07		µCi/mL	TM

WELL QA 138A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 13:28
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 18.0°C
Air temperature: -1.3°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	8.4	JQ	pH	GE
0	pH	5.6	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	14	JQ	µS/cm	WA
0	Turbidity	<0.10		NTU	GE
0	Turbidity	0.24	JQ	NTU	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 138A collected on 02/04/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	58	V	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	8.8	J3V	µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.056		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	20	J3	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.56		µg/L	WA
0	Nitrate as nitrogen	34		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500	J1	µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	186	V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<2,000		µg/L	WA
0	Total dissolved solids	<1,000	V	µg/L	GE
0	Total dissolved solids	2,000		µg/L	WA
0	Total dissolved solids	2,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<3.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<4.0E-10		µCi/mL	TM
0	Radium-226	<2.8E-10		µCi/mL	TM
0	Radium-228	4.0E-10 ± 8.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.8E-07		µCi/mL	TM

WELL QA 140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 14:45
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 11.6°C
Air temperature: 5.5°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.3	JQ	pH	GE
0	pH	5.5	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	12	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA

WELL QA 140A collected on 01/28/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Calcium	<10		µg/L	GE
0	Calcium	35	V	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	1,280		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0	J3	µg/L	GE
0	Iron	15		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.57		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	47		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50	JQ	µg/L	GE
0	Nitrate as nitrogen	<10		µg/L	WA
0	Nitrite as nitrogen	<10		µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10	J3V	µg/L	GE
0	Sodium	87		µg/L	WA
0	Sulfate	<1,000	V	µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	5,000		µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total dissolved solids	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<1.4E-10		µCi/mL	TM
0	Radium-228	<2.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<5.1E-07		µCi/mL	TM

WELL QA 142A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 14:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 23.1°C
Air temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	7.0	JQ	pH	GE
0	pH	5.3	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	11	JQ	µS/cm	WA
0	Acetone	<100	V	µg/L	GE
0	Acetonitrile (Methyl cyanide)	43		µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acrolein	<20		µg/L	GE
0	Acrolein	<10		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 142A collected on 01/08/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Acrylonitrile	<20		µg/L	GE
0	Acrylonitrile	<10		µg/L	WA
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromoform	<1.0		µg/L	GE
0	Bromoform	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	<10		µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethene (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethene (Vinyl chloride)	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<10		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	3.3		µg/L	GE
0	Dichlorodifluoromethane	1.2	J	µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0	JV	µg/L	GE
0	Dichloromethane	<5.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30	JQ8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Fluoride	<100		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<10		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<10		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	3.1		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA

WELL QA 142A collected on 01/08/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	<20		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	<24		µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	1.0		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	8,000	V	µg/L	GE
0	Total dissolved solids	17,000	V	µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090	JQ8	µg/L	GE
0	2,4,5-TP (Silvex)	<0.55		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE

WELL QA 144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/11/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 10:28
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 13.5°C
Air temperature: 8.9°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	5.7	JQ	pH	GE
0	pH	5.4	JQ	pH	WA
0	Specific conductance	2.0		µS/cm	GE
0	Specific conductance	11	JQ	µS/cm	WA
0	Acetone	<100		µg/L	GE
0	Acetone	17	V	µg/L	WA
0	Acetonitrile (Methyl cyanide)	<1.0		µg/L	GE
0	Acetonitrile (Methyl cyanide)	<20		µg/L	WA
0	Acrolein	<20		µg/L	WA
0	Acrolein	<10		µg/L	GE
0	Acrylonitrile	<20		µg/L	WA
0	Acrylonitrile	<10		µg/L	GE

SAMPLING BLANK RESULTS

WELL QA 144A collected on 01/11/83, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Allyl chloride	<50		µg/L	GE
0	Allyl chloride	<100		µg/L	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0	J1	µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Benzene	<1.0		µg/L	GE
0	Benzene	<5.0		µg/L	WA
0	Bis(2-chloroisopropyl) ether	<10		µg/L	GE
0	Bromodichloromethane	<1.0		µg/L	GE
0	Bromodichloromethane	<5.0		µg/L	WA
0	Bromofom	<1.0		µg/L	GE
0	Bromofom	<5.0		µg/L	WA
0	Bromomethane	<1.0		µg/L	GE
0	Bromomethane	<10		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10	J1	µg/L	GE
0	Calcium	105	V	µg/L	WA
0	Carbon disulfide	<1.0		µg/L	GE
0	Carbon disulfide	<5.0		µg/L	WA
0	Carbon tetrachloride	<1.0		µg/L	GE
0	Carbon tetrachloride	<5.0		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chlorobenzene	<1.0		µg/L	GE
0	Chlorobenzene	<5.0		µg/L	WA
0	Chloroethane	<1.0		µg/L	GE
0	Chloroethane	<10		µg/L	WA
0	Chloroethane (Vinyl chloride)	<1.0		µg/L	GE
0	Chloroethane (Vinyl chloride)	<10		µg/L	WA
0	Chloroform	<1.0		µg/L	GE
0	Chloroform	<5.0		µg/L	WA
0	Chloromethane	<1.0		µg/L	GE
0	Chloromethane	<10		µg/L	WA
0	Chloroprene	<200		µg/L	GE
0	Chloroprene	<20		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	Dibromochloromethane	<1.0		µg/L	GE
0	Dibromochloromethane	<5.0		µg/L	WA
0	1,2-Dibromo-3-chloropropane	<1.0		µg/L	GE
0	1,2-Dibromo-3-chloropropane	<20		µg/L	WA
0	1,2-Dibromoethane	<20		µg/L	GE
0	1,2-Dibromoethane	<20		µg/L	WA
0	Dibromomethane	<1.0		µg/L	GE
0	Dibromomethane	<10		µg/L	WA
0	trans-1,4-Dichloro-2-butene	<30		µg/L	GE
0	trans-1,4-Dichloro-2-butene	<100		µg/L	WA
0	Dichlorodifluoromethane	2.8		µg/L	GE
0	Dichlorodifluoromethane	1.1	J	µg/L	WA
0	1,1-Dichloroethane	<1.0		µg/L	GE
0	1,1-Dichloroethane	<5.0		µg/L	WA
0	1,2-Dichloroethane	<1.0		µg/L	GE
0	1,2-Dichloroethane	<5.0		µg/L	WA
0	1,1-Dichloroethylene	<1.0		µg/L	GE
0	1,1-Dichloroethylene	<5.0		µg/L	WA
0	trans-1,2-Dichloroethylene	<1.0		µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0		µg/L	WA
0	Dichloromethane	<1.0	JV	µg/L	GE
2	Dichloromethane	5.2	V	µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	1,2-Dichloropropane	<1.0		µg/L	GE
0	1,2-Dichloropropane	<5.0		µg/L	WA
0	cis-1,3-Dichloropropene	<1.0		µg/L	GE
0	cis-1,3-Dichloropropene	<5.0		µg/L	WA
0	trans-1,3-Dichloropropene	<1.0		µg/L	GE
0	trans-1,3-Dichloropropene	<5.0		µg/L	WA
0	Endrin	<0.0060	JQ6	µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Ethylbenzene	<1.0		µg/L	GE
0	Ethylbenzene	<5.0		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	2-Hexanone	<1.0		µg/L	GE
0	2-Hexanone	<10		µg/L	WA
0	Iodomethane (Methyl iodide)	<15		µg/L	GE
0	Iodomethane (Methyl iodide)	<10		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Isobutyl alcohol	<100		µg/L	GE
0	Isobutyl alcohol	<20		µg/L	WA
0	Lead	<3.0		µg/L	GE
1	Lead	9.2	J3	µg/L	WA
0	Lindane	<0.0050	JQ8	µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	24	J3V	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methacrylonitrile	<50		µg/L	GE
0	Methacrylonitrile	<20		µg/L	WA
0	Methoxychlor	<0.50	JQ6	µg/L	GE

WELL QA 144A collected on 01/11/83, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Methoxychlor	<0.57		µg/L	WA
0	Methyl ethyl ketone	<1.0		µg/L	GE
0	Methyl ethyl ketone	<10		µg/L	WA
0	Methyl isobutyl ketone	<1.0		µg/L	GE
0	Methyl isobutyl ketone	<10		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	4.2	J3	µg/L	WA
0	Nitrate as nitrogen	29		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Propionitrile	<200		µg/L	GE
0	Propionitrile	<50		µg/L	WA
0	Selenium	<2.0	J1	µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	37	J3V	µg/L	WA
0	Styrene	<1.0		µg/L	GE
0	Styrene	<5.0		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	1,1,1,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10		µg/L	WA
0	1,1,2,2-Tetrachloroethane	<1.0		µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0		µg/L	WA
0	Tetrachloroethylene	<1.0		µg/L	GE
0	Tetrachloroethylene	<5.0		µg/L	WA
0	Toluene	1.3		µg/L	GE
0	Toluene	<5.0		µg/L	WA
0	Total dissolved solids	<1,000		µg/L	GE
0	Total dissolved solids	<1,000		µg/L	WA
0	Total dissolved solids	<1,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24	JQ8	µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	1,1,1-Trichloroethane	<1.0		µg/L	GE
0	1,1,1-Trichloroethane	<5.0		µg/L	WA
0	1,1,2-Trichloroethane	<1.0		µg/L	GE
0	1,1,2-Trichloroethane	<5.0		µg/L	WA
0	Trichloroethylene	<1.0		µg/L	GE
0	Trichloroethylene	<5.0		µg/L	WA
0	Trichlorofluoromethane	<1.0		µg/L	GE
0	Trichlorofluoromethane	<5.0		µg/L	WA
0	1,2,3-Trichloropropane	<1.0		µg/L	GE
0	1,2,3-Trichloropropane	<10		µg/L	WA
0	Vanadium	<8.0		µg/L	GE
0	Vanadium	<3.0		µg/L	WA
0	Vinyl acetate	<1.0		µg/L	GE
0	Vinyl acetate	<10		µg/L	WA
0	Xylenes	<2.0		µg/L	GE
0	Xylenes	<5.0		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<5.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-08		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<8.0E-11		µCi/mL	TM
0	Radium-228	1.2E-09 ± 1.0E-09		µCi/mL	TM
0	Radium, total alpha emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.5E-07		µCi/mL	TM

WELL QA 146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/83
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Turbidity: 0 NTU

Time: 13:48
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 17.1°C
Air temperature: 8.0°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	4.6	JQ	pH	GE
0	pH	5.3	JQ	pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	10	JQ	µS/cm	WA
0	Turbidity	0.40		NTU	GE
0	Turbidity	<0.20	JQ	NTU	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA

SAMPLING BLANK RESULTS

WELL QA 148A collected on 02/15/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	<10		µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	832		µg/L	WA
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0		µg/L	GE
0	Iron	<4.0		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.058		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	<11		µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.58		µg/L	WA
0	Nitrate as nitrogen	30		µg/L	WA
0	Nitrate-nitrite as nitrogen	220		µg/L	GE
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	<100		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	13		µg/L	GE
0	Sodium	77	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Total dissolved solids	5,000	V	µg/L	GE
0	Total dissolved solids	17,000		µg/L	WA
0	Total organic carbon	<1,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total phosphates (as P)	<50		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Toxaphene	<0.24		µg/L	GE
0	Toxaphene	<1.1		µg/L	WA
0	2,4,5-TP (Silvex)	<0.090		µg/L	GE
0	2,4,5-TP (Silvex)	<0.58		µg/L	WA
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<4.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<7.0E-10		µCi/mL	TM
0	Radium-226	<2.1E-10		µCi/mL	TM
0	Radium-228	<4.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<4.9E-07		µCi/mL	TM

WELL QA 148A collected on 02/15/93, laboratory analyses (cont.)

F	Analyte	Result	Mod	Unit	Lab
0	Chromium	<4.0		µg/L	GE
0	Chromium	<4.0		µg/L	WA
0	Copper	<4.0		µg/L	GE
0	Copper	<4.0		µg/L	WA
0	2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	WA
0	Endrin	<0.0060		µg/L	GE
0	Endrin	<0.11		µg/L	WA
0	Fluoride	<100		µg/L	GE
0	Fluoride	<100		µg/L	WA
0	Iron	<4.0	J1	µg/L	GE
0	Iron	18		µg/L	WA
0	Lead	<3.0		µg/L	GE
0	Lead	<3.0		µg/L	WA
0	Lindane	<0.0050		µg/L	GE
0	Lindane	<0.057		µg/L	WA
0	Magnesium	<2.0		µg/L	GE
0	Magnesium	15	J3	µg/L	WA
0	Manganese	<2.0		µg/L	GE
0	Manganese	<2.0		µg/L	WA
0	Mercury	<0.20		µg/L	GE
0	Mercury	<0.20		µg/L	WA
0	Methoxychlor	<0.50		µg/L	GE
0	Methoxychlor	<0.57		µg/L	WA
0	Nickel	<4.0		µg/L	GE
0	Nickel	<4.0		µg/L	WA
0	Nitrate as nitrogen	88		µg/L	WA
0	Nitrate-nitrite as nitrogen	<50		µg/L	GE
0	Nitrite as nitrogen	<10	JQ8	µg/L	GE
0	Nitrite as nitrogen	11	JQ	µg/L	WA
0	Phenols	<5.0		µg/L	GE
0	Phenols	<5.0		µg/L	WA
0	Potassium	<500		µg/L	GE
0	Potassium	<500		µg/L	WA
0	Selenium	<2.0		µg/L	GE
0	Selenium	<2.0		µg/L	WA
0	Silica	<100		µg/L	GE
0	Silica	104		µg/L	WA
0	Silver	<2.0		µg/L	GE
0	Silver	<2.0		µg/L	WA
0	Sodium	<10		µg/L	GE
0	Sodium	40	J3V	µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Sulfate	<1,000		µg/L	WA
0	Sulfate	<1,000		µg/L	GE
0	Total dissolved solids	14,000	V	µg/L	WA
0	Total dissolved solids	22,000		µg/L	GE
0	Total organic carbon	<1,000		µg/L	WA
0	Total organic carbon	1,180		µg/L	GE
0	Total organic halogens	<5.0		µg/L	WA
0	Total organic halogens	<5.0		µg/L	GE
0	Total phosphates (as P)	<50		µg/L	WA
0	Total phosphates (as P)	64		µg/L	GE
0	Toxaphene	<0.24		µg/L	WA
0	Toxaphene	<1.1		µg/L	GE
0	2,4,5-TP (Silvex)	<0.090		µg/L	WA
0	2,4,5-TP (Silvex)	<0.57		µg/L	GE
0	Gross alpha	<2.0E-09		µCi/mL	GE
0	Gross alpha	<8.0E-10		µCi/mL	TM
0	Nonvolatile beta	<2.0E-09		µCi/mL	GE
0	Nonvolatile beta	<8.0E-10		µCi/mL	TM
0	Radium-226	<2.2E-10		µCi/mL	TM
0	Radium-228	<3.0E-10		µCi/mL	TM
0	Radium, total alpha-emitting	<1.0E-09		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	GE
0	Tritium	<7.0E-07		µCi/mL	WA
0	Tritium	<4.4E-07		µCi/mL	TM

WELL QA 148A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/93
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Turbidity: 0 NTU

Time: 11:44
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 12.2°C
Air temperature: 9.4°C

LABORATORY ANALYSES

F	Analyte	Result	Mod	Unit	Lab
0	pH	6.1	JQ	pH	GE
0	pH	4.4		pH	WA
0	Specific conductance	5.0		µS/cm	GE
0	Specific conductance	19	JQ	µS/cm	WA
0	Aluminum	<20		µg/L	GE
0	Aluminum	<20		µg/L	WA
0	Arsenic	<2.0		µg/L	GE
0	Arsenic	<2.0		µg/L	WA
0	Barium	<3.0		µg/L	GE
0	Barium	<4.0		µg/L	WA
0	Cadmium	<2.0		µg/L	GE
0	Cadmium	<2.0		µg/L	WA
0	Calcium	<10		µg/L	GE
0	Calcium	19	J3	µg/L	WA
0	Chloride	<250		µg/L	GE
0	Chloride	<250		µg/L	WA
0	Chloride	<250		µg/L	WA

DATE

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END