THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S
GROUNDWATER MONITORING PROGRAM

1993 WELL INSTALLATION,
ABANDONMENT, AND
MAINTENANCE REPORT (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: June 1994

db
DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

MASTER

SAVANNAH RIVER SITE

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

This page was left blank intentionally.

DISCLAIMER

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

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

CONTENTS

1. INTRODUCTION	1
Organization of This Report	1
For Further Information	3
2. WELL ABANDONMENT	5
Savannah River Laboratory (SRL) Seepage Basins	5
3. WELL MAINTENANCE	7
4. WELL CONSTRUCTION	51
ASB Well Series	52
DBP Well Series	54
FBP Well Series	54
MHM Well Series	57
MHV Well Series	58
MSB Well Series	69
MVE Well Series	72
P [26] Well Series	74
RWM Well Series	74
SRW Well Series	76
TMF Well Series	78
5. WELL STABILIZATION	81
6. ENVIRONMENTAL SOIL BORINGS	93
D-Area Burning/Rubble Pits	93
M-Area Bioremediation Characterization	93
M-Area Cretaceous Aquifer	94
M-Area Integrated Demonstration Site	94
Pen Branch Fault Confirmatory Drilling	95
7. SURVEYING	97
8. SITE INDEX BY WELL SERIES	101
9. GLOSSARY	105
10. REFERENCES	109
INDEX OF WELL INFORMATION (1986-1993)	115
Introduction	115

CONTENTS

Site Index by Well Series	116
Index of Well Information: 1986-1993 Quarterly Reports	120
APPENDIX A: Area Maps	A-1

LIST OF FIGURES

Figure 1. Groundwater Monitoring Wellhead	7
Figure 2. Well Construction Diagram	51

LIST OF TABLES

Table 1. Well Abandonments in the SRL Seepage Basins	5
Table 2. Well Maintenance Problems During 1993	7
Table 3. D-Area Burning/Rubble Pits Characterization Core Hole Borings	93
Table 4. M-Area Bioremediation Characterization Core Hole Borings	94
Table 5. M-Area Cretaceous Aquifer Core Hole Borings	94
Table 6. M-Area Radio Frequency Heating Test Core Hole Borings	95
Table 7. Pen Branch Fault Confirmatory Drilling Core Hole Borings	95
Table 8. Survey Information	97

This page was left blank intentionally.

1. INTRODUCTION

This report is a summary of the well and environmental soil boring information compiled for the groundwater monitoring program of the Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) at the Savannah River Site (SRS) during 1993. It includes discussions of environmental soil borings, surveying, well construction, abandonments, maintenance, and stabilization.

EPD/EMS is responsible for monitoring constituents in the groundwater at approximately 135 waste sites in 16 areas at SRS (see Figures A-1 and A-2 in Appendix A). 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 to the Environmental Protection Section (EPS) of EPD

EPD/EMS is responsible for monitoring the wells but is not responsible for the facilities that are monitored. 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.

ORGANIZATION OF THIS REPORT

This report is divided into sections that focus on specific aspects of the SRS groundwater monitoring program. The wells described in the report are organized alphabetically based on the Well Data File code. An "R" as the final character in a well ID designates a replacement well with the same name as its original.

INTRODUCTION

The first three sections concern the physical state of monitoring wells. The **Well Abandonment** section lists wells that were abandoned during the year, their SRS grid coordinates, the date each well was abandoned, and a brief description of the reason each well was abandoned. The **Well Maintenance** section lists wells that were repaired during the year, the repairs made, the date of the repairs, and wells that were reported as needing maintenance but that were not repaired. The **Well Construction** section lists newly installed monitoring and special environmental wells and piezometers, describes the construction of each well, and discusses the drilling methods and lithologic sampling techniques used during well installation.

New monitoring wells are pumped to determine how many well volumes must be evacuated to stabilize the chemistry of the water. The results of these tests are listed in the **Well Stabilization** section. The **Environmental Soil Borings** section describes drilling and sampling methods, completion dates, and depths of environmental soil borings drilled during the year. The elevations and SRS grid coordinates for new wells and changes for old wells are given in the **Surveying** section.

The **Site Index by Well Series** section assists the reader in identifying the site associated with each well series. Abbreviations, acronyms, and well construction terms used in this report can be found in the **Glossary** section. References cited are listed in the **References** section. The **Index of Well Information**, a cumulative index of all well series in the EPD/EMS quarterly reports for 1986-1993, also is included in this report. **Appendix A** contains area maps that show the locations of the EPD/EMS wells.

Additions to the Groundwater Monitoring Program During 1993

Construction of the following 94 wells was reported during 1993:

- Seven wells of the ASB series, 1 new and 6 replacement, were constructed at the Savannah River Laboratory Seepage Basins.
- One new well of the DBP series was installed at the D-Area Burning/Rubble Pits in support of the RFI/RI Phase II Characterization.
- Nine new wells of the FBP series were installed at the F-Area Burning/Rubble Pits in support of the RFI/RI Phase II Characterization.
- Three new geophysical test holes of the MHM series were installed for the Horizontal Well Characterization Study in M Area.
- Forty-one new vapor probes of the MHV series were installed for the Horizontal Well Characterization Study in M Area.
- Eleven new MSB series wells were installed to support the M-Area Phase V Drilling program.
- Four new vapor extraction wells of the MVE series were installed in M Area.
- Three new wells of the P 26 series were installed as part of the TNX Oversight Project.
- Four new M-Area recovery wells of the RWM series were installed in support of the A/M Area Northern Sector Project.

INTRODUCTION

- Nine new wells of the SRW series were installed at the Silverton Road Waste Site.
- Two additional geophysical test holes of the TMF series for the Integrated Demonstration Site in TNX Area were installed as part of the TNX Oversight Project.

The abandonment of the following seven wells was reported in 1993:

- Seven wells of the ASB series were abandoned to comply with the closure of the Savannah River Laboratory Seepage Basins.

FOR FURTHER INFORMATION

The following briefly describes documents pertaining to the groundwater monitoring program.

Sampling Schedule

The Savannah River Site's Groundwater Monitoring Program 1993 Sampling Schedule (ESH-EMS-920350) provides a historical record of the analyses requested for wells monitored by EPD/EMS in 1993. The flagging criteria and a discussion of how these criteria were derived are included in this document, as is a brief description of the special studies conducted by the groundwater monitoring program. This document was revised and printed quarterly for use by site custodians. The final version, which reflects all changes made throughout the year, was printed in early 1994.

Quarterly Reports

EPD/EMS has published a description of its groundwater monitoring program for each quarter since the beginning of 1986. These quarterly reports and their document numbers follow.

Fourth Quarter 1993 (ESH-EMS-930099)
Third Quarter 1993 (ESH-EMS-930098)
Second Quarter 1993 (ESH-EMS-930097)
First Quarter 1993 (ESH-EMS-930096)
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)
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-90-0131)

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 (rev.) (HPR-86-158)

INTRODUCTION

Annual Reports

The DOE's *Savannah River Site Environmental Report*, which includes groundwater data, area descriptions, and area maps, is a public document issued annually. Recent reports and their document numbers follow.

1993	WRSC-TR-94-075
1992	WRSC-TR-93-075
1991	WSRC-TR-92-186
1990	WSRC-IM-91-28 (Vols. 1 and 2)
1989	WSRC-IM-90-60 (Vols. 1 and 2)
1988	WSRC-RP-89-59-1 (Vols. 1 and 2)
1987	DPSPU-88-30-1 (Vols. 1 and 2)
1986	DPSPU-87-30-1 (Vols. 1 and 2)
1985	DPSPU-86-30-1 (Vols. 1 and 2)

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 in the EPD/EMS groundwater monitoring program, and provides pertinent information about all wells listed in EPD/EMS documents. The latest version, ESH-EMS-930262, also includes area maps for abandoned as well as active wells.

Other Data Reports

The DOE's *Geoscience Implementation Plan* (1989) and *Geohydrology Program Report* (1988) describe projects relating to the geohydrology program at SRS 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 can be found in the **References** section of this report.

2. WELL ABANDONMENT

The primary sources of data for this section are the SRS Well Abandonment Report and the Daily Activities Report.

SAVANNAH RIVER LABORATORY SEEPAGE BASINS

Environmental Drilling & Services (ED&S) of New Ellenton, SC, performed the abandonment activities on 7 wells in the Savannah River Laboratory Seepage Basins (Figure A-16 in Appendix A) during 1993. The following wells were abandoned to comply with the closure of the SRL Seepage Basins. Table 1 lists the wells abandoned in these areas. Metcalf & Eddy, Inc. (M&E), of Aiken, SC, was the oversight group that maintained these records.

Table 1. Well Abandonments in the SRL Seepage Basins

<u>Well</u>	<u>SRS Coordinates</u>		<u>Abandonment Completed</u>
	<u>North</u>	<u>East</u>	
ASB Well Series			
ASB 2A	105,608.8	52,856.9	07/01/93
ASB 2C	105,605.4	52,843.6	06/28/93
ASB 3A	105,657.4	53,152.7	06/28/93
ASB 3C	105,688.8	53,160.3	06/28/93
ASB 5A	105,885.5	52,865.7	07/06/93
ASB 7	105,770.6	52,626.4	07/12/93
ASB 10C	105,673.1	52,965.5	06/28/93

Notes

3. WELL MAINTENANCE

The sources of data for this section are well maintenance records kept by GE-HY Environmental Sampling (GE-HY) of New Ellenton, SC, and EPD/EMS during 1993. Graves Environmental and Geotechnical Services, Inc., of Jackson, SC (GEGS), performed all maintenance activities. A diagram of a groundwater monitoring wellhead is shown in figure 1.

Figure 1. Groundwater Monitoring Wellhead

Table 2 lists 96 well series that experienced maintenance problems during 1993. Well maintenance activities do not include correcting problems with well identification and well access. An asterisk (*) indicates the well was removed from the sampling schedule. A dagger (†) indicates the well receives water level measurements only.

Table 2. Well Maintenance Problems During 1993

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
ABP Series, A-Area Metals Burning Pit			
ABP 1A	Entire sampling assemblage and pump missing, except for discharge hose and flowmeter	01/23/93	03/93
	Discharge hose leaked and needed replacing; lock missing	07/09/93	07/21/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
ABP 2A	Flowmeter needed replacing	04/17/93	07/22/93
ABP 3	Pipe connection at sampling tee intake leaked	10/10/93	12/02/93
ABP 4	Hose clamp leaked and sprayed	10/10/93	12/02/93
ABP 8C	Discharge hose leaked and needed replacing	01/24/93	05/04/93
AC Series, A-Area Cluster Perimeter Wells and M-Area Plume Definition Wells			
AC 3B	Discharge hose needed replacing	10/23/93	01/28/94
ACB Series, A-Area Coal Pile Runoff Containment Basin			
ACB 1A	Liquid-level pipe cap missing and needed replacing	04/18/93	07/20/93
	Pipe connections at discharge hose intake and at flowmeter exit leaked	07/24/93	09/08/93
ACB 3A	Discharge hose needed replacing	07/24/93	09/08/93
ACB 4A	Discharge hose leaked and needed replacing	07/24/93	09/08/93
AMB Series, Metallurgical Laboratory Seepage Basin			
AMB 8D	Pipe connections at discharge hose intake and at gate valve intake leaked	02/15/93	06/02/93
	Pipe connections at discharge hose intake and at sampling tee intake leaked	05/01/93	06/27/93
AMB 10D	Discharge hose leaked and needed replacing	02/15/93	06/02/93
	Discharge hose split, sprayed, and needed replacing	05/01/93	06/27/93
AOB Series, Motor Shop Oil Basin			
AOB 2	Flowmeter needed replacing	04/17/93	07/23/93
ARP Series, A-Area Burning/Rubble Pits			
ARP 1A	Discharge hose leaked and needed replacing	07/17/93	09/21/93
	Pump and other parts missing	10/10/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
ARP 3	Sample nipple too low to ground	04/18/93	06/28/93
	Sample port at awkward angle and too low to ground	07/24/93	09/09/93
	Pump and other parts missing	10/10/93	
ASB Series, Savannah River Laboratory Seepage Basins			
ASB 6AA	Flowmeter needed replacing	11/19/93	
BG Series, Burial Grounds Site Characterization Wells			
BG 93	Flowmeter needed replacing	02/12/93	03/09/93
	Flowmeter did not work properly	04/28/93	09/09/93
	Flowmeter needed replacing	07/20/93	12/02/93
BG 108	Pipe connection at sampling tee to sample cock leaked; sample cock needed replacing	02/12/93	03/09/93
BG 110	Pipe connections at gate valve intake and sampling tee exit leaked	01/17/93	03/02/93
BG 125	Well casing cap missing	02/05/93	
BGO Series, Burial Grounds Perimeter Wells			
BGO 6A	Discharge hose leaked and needed replacing; sample cock needed replacing	04/26/93	08/02/93
	Sample cock leaked	08/02/93	09/02/93
	Pump would not start	11/08/93	12/07/93
BGO 6B	Pipe connection at discharge hose intake leaked; hose clamp missing	02/02/93	
	Discharge hose missing	04/27/93	08/02/93
BGO 9D	Pipe connection at sampling tee exit leaked; nipple needed replacing	08/09/93	09/03/93
BGO 16D	Pipe connection at gate valve intake leaked; nipple needed replacing	08/19/93	09/16/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
BGO 18A	Pipe connection at discharge hose intake leaked; discharge hose needed replacing	01/26/93	
	Pipe connection at discharge hose intake leaked	05/05/93	09/16/93
BGO 19D	Sample cock leaked, would not shut off water flow	11/17/93	
BGO 20D	Sample cock needed replacing	01/27/93	03/09/93
	Sample cock leaked and needed replacing	08/19/93	09/16/93
	Sample cock leaked and would not shut off water flow	11/17/93	
BGO 24D	Riser pipe elbow needed replacing	04/09/93	09/17/93
	Riser pipe elbow needed replacing	05/05/93	09/17/93
BGO 25A	Pump would not start	11/09/93	12/07/93
BGO 26D	Gate valve stem leaked and sprayed	02/04/93	03/08/93
BGO 38D	Flowmeter leaked	01/17/93	03/08/93
BGO 45A	Pump would not start; no plug receptacle	11/15/93	01/28/94
BGO 47A	Pump would not start; no plug receptacle	11/09/93	
	Pump would not start; no plug receptacle	11/18/93	
BGX Series, E-Area Vaults near the Burial Grounds			
BGX 11D	Pipe connection at discharge hose intake leaked	08/17/93	09/03/93
BRD Series, Road A Chemical Basin (Baxley Road)			
BRD 2	Pipe connection at sampling tee to sample cock leaked; sample cock leaked in closed position and needed replacing	08/27/93	01/28/94
BRR Series, Burma Road Rubble Pit			
BRR 3D	Pipe connection at discharge hose intake leaked	03/07/93	07/26/93
	Pipe connection at discharge hose intake leaked and sprayed	05/27/93	07/26/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
BRR 5D	Pipe connection at discharge hose intake leaked	03/07/93	07/26/93
	Discharge hose needed replacing	05/27/93	
CBR Series, Central Shops Burning/Rubble Pit South of the Ford Building Seepage Basin			
CBR 1D	Pipe connection at sampling tee to sample cock leaked	08/15/93	
CBR 2D	Pipe connections at sampling tee to sample cock and at sampling tee exit leaked	08/14/93	09/03/93
CBR 3D	Discharge hose needed replacing	05/18/93	08/02/93
	Pipe connection at sampling tee intake leaked	08/14/93	09/03/93
CCB Series, C-Area Coal Pile Runoff Containment Basin			
CCB 1	Discharge hose leaked and needed replacing	05/23/93	07/30/93
CCB 2	Discharge hose leaked, sprayed, and needed replacing	05/23/93	07/30/93
	Pipe connection at sampling tee to sample cock leaked	08/14/93	09/09/93
CCB 3	Flowmeter stuck and needed replacing	03/02/93	07/26/93
	Gate valve stem leaked	08/15/93	09/09/93
CDB Series, C-Area Disassembly Basin			
CDB 1	Gate valve stem leaked; pipe connection at sampling tee to sample cock leaked; flowmeter hard to read and needed replacing	03/02/93	07/23/93
	Pipe connection at sampling tee to sample cock leaked	05/26/93	07/23/93
	Flowmeter did not work and needed replacing	11/24/93	
CMP Series, Chemicals, Metals, and Pesticides Pits			
CMP 8B	Pipe connection at riser pipe elbow intake leaked (waiting for parts for discharge hose and hose clamp); only riser pipe elbow repaired 03/05/93	12/19/92	03/05/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
CMP 12	Gate valve stem leaked, sprayed, and needed replacing	12/19/92	03/05/93
CMP 12A	Bottom plug at flowmeter leaked and needed replacing	09/07/93	
CMP 13	Discharge hose and hose clamp missing	09/06/93	02/16/94
	Discharge hose missing	12/07/93	02/16/94
CMP 14B	Pipe connection at sampling tee to sample cock leaked	12/20/92	03/05/93
CMP 14C	Pipe connections at sampling tee to sample cock and at sample-cock intake leaked	12/20/92	03/05/93
CMP 16C	Entire discharge and meter assemblage missing	03/01/93	Not repaired*
	Flowmeter connector, gate valve, nipples, sampling tee, riser pipe elbow, liquid-level pipe cap, bushing, sample cock, coupling, sample nipple, sample-nipple cap, and pump missing	09/06/93	Not repaired*
CRP Series, C-Area Burning/Rubble Pit			
CRP 1	Discharge hose needed replacing	08/24/93	02/16/94
CRP 3	Discharge hose needed replacing	08/24/93	02/16/94
CRP 4	Discharge hose sprayed, leaked, and needed replacing; flowmeter needed replacing	08/24/93	02/16/94
	Discharge hose leaked, sprayed, and needed replacing; flowmeter did not work and needed replacing	11/24/93	02/16/94
CSA Series, Hydrofluoric Acid Spill Area			
CSA 2	Sample cock would not turn completely off and needed replacing	07/25/93	09/09/93
CSA 4	Gate valve stem leaked	07/31/93	09/09/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
CSB Series, C-Area Reactor Seepage Basins			
CSB 1A	Discharge hose leaked, sprayed, and needed replacing	03/02/93	07/23/93
	Bottom of flowmeter leaked; well pad cracked; discharge hose needed replacing	05/26/93	07/23/93
	Flowmeter needed replacing	08/25/93	02/16/94
	Flowmeter base leaked heavily and needed replacing	12/05/93	02/16/94
CSB 3A	Well pad cracked	05/26/93	
CSB 4A	Well pad cracked	05/26/93	
	Pipe connection at riser pipe elbow intake leaked	12/05/93	01/28/94
CSB 5A	Discharge hose leaked, sprayed, and needed replacing	03/02/93	07/23/93
	Discharge hose needed replacing	05/26/93	07/23/93
CSB 6A	Discharge hose leaked, sprayed, and needed replacing	05/26/93	08/02/93
CSD Series, Central Shops Diesel Spill Characterization and Remediation Wells			
CSD 1D	Inside of casing was rusty and flakes fell into large opening of bailed well	11/14/93	
CSD 11D	Gate valve stem leaked and sprayed	05/30/93	08/02/93
	Gate valve stem leaked and sprayed; pipe connection at gate valve intake leaked	08/01/93	09/03/93
CSD 13D	Pipe connection at sampling tee exit leaked; flowmeter did not work properly when throttled down	08/14/93	09/03/93
CSO Series, Fire Department Training Facility			
CSO 2	Sample cock leaked in closed position and needed replacing	03/01/93	07/23/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
DBP Series, D-Area Burning/Rubble Pits			
DBP 2	Discharge hose needed replacing	12/11/93	01/28/94
DBP 3	Electrical box needed reattachment to delineator post	12/17/92	02/23/93
DBP 5	Discharge hose and hose clamp missing (noted again 12/26/93)	12/11/93	02/16/94
DCB Series, D-Area Coal Pile Runoff Containment Basin and Ash Basins			
DCB 2A	Pipe connections at sampling tee intake and exit leaked	12/11/93	01/28/94
DCB 4A	Flowmeter did not work and needed replacing; discharge hose split and needed replacing	03/19/93	09/09/93
	Flowmeter did not work and needed replacing; discharge hose needed replacing	06/04/93	09/09/93
DCB 5A	Pipe connection at sampling tee to sample cock leaked; discharge hose leaked and needed replacing	12/11/93	
DCB 6	Pipe connection at flowmeter exit leaked	12/17/92	02/10/93
DCB 9	Flowmeter connector, gate valve, nipples, sampling tee, riser pipe elbow, liquid-level pipe cap, and pump missing	12/12/93	
DCB 10	Flowmeter did not always turn on this variable-speed well; pipe connections at sampling tee exit and intake leaked	12/11/93	01/28/94
DCB 15	Cap could not be unlocked	03/19/93	09/09/93
	Lock and sample cock needed replacing	06/04/93	08/02/93
	Pipe connection at sampling tee to sample cock broke and leaked so much that well could not be sampled and needed replacing; bushing needed replacing	12/12/93	01/28/94

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
DOB Series, D-Area Oil Disposal Basin			
DOB 1	Discharge hose leaked and needed replacing with a longer hose; pipe connection at flowmeter intake leaked	12/11/93	
DOB 3	Discharge hose sprayed and needed replacing	01/27/93	05/28/93
DOB 4	Discharge hose sprayed and needed replacing	01/27/93	05/28/93
FAC Series, F-Area Acid Caustic Basin			
FAC 1	Sample cock and sample tee leaked	09/10/93	10/06/93
FAC 6	Hose clamp and liquid-level pipe cap missing	10/24/93	01/28/94
FAC 7	Hose clamp and liquid-level pipe cap missing; sampling tee cracked, sprayed, and needed replacing	10/25/93	01/28/94
FAC 8	Hose clamp and liquid-level pipe cap missing	10/25/93	01/28/94
FAL Series, F-Area A Line			
FAL 1	Gate valve stem leaked; pipe connections at sampling tee exit, at sampling tee intake, at sampling tee to sample cock, and at sample-cock intake leaked	12/03/92	03/09/93
	Sample cock would not shut off water flow	03/18/93	
	Sample cock needed replacing	06/08/93	10/06/93
	Sampling tee and sample cock leaked and sprayed; sampling tee needed replacing	09/10/93	10/06/93
FAL 2	Discharge hose needed replacing	12/03/92	03/09/93
	Pipe connections at sampling tee to sample cock and at sample-cock intake leaked	06/08/93	10/06/93
FBP Series, F-Area Burning/Rubble Pits			
FBP 1A	Pump would not start	12/12/92	02/26/93
	Sample cock needed replacing	03/20/93	06/21/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Sample cock stuck in one place and needed replacing; discharge hose leaked; pipe connections at sampling tee exit and intake, at riser pipe elbow exit, and at sampling tee to sample cock leaked	05/22/93	06/21/93
FBP 2A	Pipe connection at sampling tee to sample cock or at sample-cock intake leaked	03/20/93	06/21/93
FBP 3A	Pump would not start	12/12/92	03/23/93
	Pipe connections at sampling tee exit, at sampling tee intake, at riser pipe elbow exit, and at sample-cock intake leaked	07/25/93	12/02/93
FBP 4	Pipe connection at sampling tee to sample cock or at sample-cock intake leaked; pipe connection at sampling tee exit leaked	03/20/93	06/21/93
	Pipe connections at gate valve exit, at gate valve intake, at sampling tee exit, and at sampling tee to sample cock leaked	05/22/93	06/21/93
FBP 5D	Lock missing	08/09/93	
FBP 6D	Lock missing	08/11/93	
FBP 8D	Pump would not start	08/12/93	08/20/93
FBP 9D	Sample nipple too close to protective casing; lock missing	08/10/93	
	Sample nipple too close to well casing	12/26/93	
FBP 12D	Lock missing	08/10/93	
FBP 13D	Lock missing	08/10/93	
	Pump would not start	12/18/93	
FCA Series, F-Area Canyon Building			
FCA 9C	Trash down well at ~ 2 ft prevented access to water	12/27/93	
FCA 9DR	Flowmeter leaked; sampling tee missing	09/17/93	10/04/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
FCA 19D	Discharge hose missing	03/18/93	10/06/93
	Discharge hose missing	06/08/93	10/06/93
	Discharge hose and hose clamp missing	09/09/93	10/06/93
FCB Series, F-Area Coal Pile Runoff Containment Basin			
FCB 2	Pipe connections at discharge hose intake, at sampling tee to sample cock, and at sample-cock intake leaked; bushing needed replacing (discharge hose will be replaced when parts arrive)	12/04/92	03/08/93
FCB 3	Standpipe cap rusted in liquid-level pipe	03/12/93	
FCB 4	Pipe connection at flowmeter exit leaked	12/03/92	03/09/93
FCB 6	Pipe connection at sampling tee intake leaked	12/04/92	03/08/93
FET Series, F-Area Effluent Treatment Cooling Water Basin			
FET 1D	Pipe connection at discharge hose intake leaked	08/24/93	09/21/93
FET 2D	Discharge hose leaked	03/14/93	06/21/93
	Discharge hose leaked	05/10/93	06/21/93
FET 3D	Screws in sample-cock hinge needed replacing; welder required to repair hinge	12/04/92	03/08/93
FET 4D	Pipe connections at gate valve exit, at gate valve intake, at sampling tee exit, at sampling tee intake, and at sampling tee to sample cock leaked	12/04/92	03/08/93
FNB Series, Old F-Area Seepage Basin			
FNB 1	Pipe connection at discharge hose intake leaked	08/30/93	10/06/93
FNB 2	Flowmeter needed replacing	03/14/93	06/21/93
	Discharge hose missing and needed replacing	12/02/93	02/16/94
FNB 4	Pipe connection to flowmeter intake leaked	12/04/92	03/08/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
FSB Series, F-Area Seepage Basins			
FSB 1TA	Pump ran for ~ 1 1/2 minutes, then cut off	05/07/93	
FSB 76	Sample cock leaked and needed replacing	05/03/93	06/21/93
FSB 76A	Pipe connection at riser pipe elbow intake leaked	05/03/93	06/21/93
FSB 78A	Discharge hose leaked, sprayed, and needed replacing	05/03/93	06/21/93
FSB 78C	Gate valve sprayed from crack and needed replacing	02/19/93	03/10/93
FSB 79	Discharge hose sprayed and needed replacing	02/17/93	05/04/93
FSB 87C	Discharge hose sprayed and needed replacing	10/31/93	12/01/93
FSB 87D	Split discharge hose leaked, sprayed, and needed replacing	05/04/93	06/21/93
FSB 91C	Pump would not start	08/09/93	09/17/93
	Pump would not start	11/04/93	12/01/93
FSB 92C	Entire sampling assemblage, meter assemblage, and pump missing	02/19/93	
	Discharge hose and hose clamp missing	11/07/93	12/02/93
FSB 92D	Sample-nipple cap too close to protective casing	02/19/93	03/10/93
FSB 93C	Discharge hose leaked, sprayed, and needed replacing	11/04/93	12/01/93
FSB 93D	Split discharge hose leaked, sprayed, and needed replacing	05/06/93	06/21/93
FSB 95DR	Gate valve sprayed and needed replacing	02/19/93	03/10/93
FSB 97A	Discharge hose leaked and needed replacing; flowmeter leaked	02/21/93	03/10/93
	Split discharge hose leaked, sprayed, and needed replacing; flowmeter did not work	05/06/93	06/21/93
FSB 98D	Flowmeter did not work and needed replacing	03/10/93	06/22/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Flowmeter did not work and needed replacing	05/10/93	06/21/93
FSB100A	Concrete pad below grade, discharge water flows back onto pad; pad determined to be okay 12/02/93	11/09/93	12/02/93
FSB103C	Gate valve sprayed and needed replacing	02/21/93	03/10/93
FSB109D	Discharge hose sprayed and needed replacing	02/25/93	05/04/93
FSB111C	Surface plumbing broken by fallen tree	04/09/93	06/21/93
FSL Series, F-Area Inactive Process Sewer Line Wells for Groundwater Assessment			
FSL 4D	Bottom of flowmeter leaked	09/05/93	12/02/93
	Flowmeter leaked (bottom plug missing) and needed replacing	12/06/93	
FSL 7D	Pipe connection at flowmeter exit leaked; flowmeter did not work and needed replacing	03/14/93	06/21/93
	Flowmeter needed replacing	06/08/93	07/22/93
FSL 9D	Hose clamp missing	03/14/93	02/16/94
	Sample cock leaked and needed replacing	03/14/93	06/21/93
	Hose clamp missing	12/06/93	02/16/94
FSS Series, F-Area Sludge Land Application Site			
FSS 4D	Discharge hose leaked	05/13/93	06/22/93
HAP Series, H-Area Auxiliary Pump Pit			
HAP 2	Sample cock needed replacing	12/09/93	
HCB Series, H-Area Coal Pile Runoff Containment Basin			
HCB 3	Liquid-level pipe cap missing	03/02/93	07/26/93
HET Series, H-Area Effluent Treatment Cooling Water Basin			
HET 3D	Pipe connection at sampling tee to sample cock leaked	01/31/93	03/24/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
HR3 Series, Old H-Area Retention Basin			
HR3 13	Discharge hose needed replacing	01/31/93	06/23/93
	Discharge hose needed replacing	12/05/93	
HR8 Series, H-Area Retention Basin			
HR8 11	Discharge hose sprayed and needed replacing	01/30/93	06/22/93
HSB Series, H-Area Seepage Basins			
HSB 1TB	Pump would not start	07/28/93	
HSB 65A	Sample-nipple cap missing; sample cock needed replacing	07/01/93	07/21/93
HSB 66	Pipe connection at riser pipe elbow intake needed replacing	03/21/93	06/22/93
HSB 68B	Pump would not start	10/18/93	12/07/93
HSB 69	Pipe connection at discharge hose intake leaked	05/03/93	06/22/93
HSB 70C	Pipe connection at discharge hose intake leaked	10/18/93	12/01/93
HSB 83C	Pipe connection at discharge hose intake leaked	10/07/93	12/01/93
HSB 84B	Pipe connection at discharge hose intake leaked	07/12/93	09/03/93
HSB 85A	Pipe connections at discharge hose intake, at flowmeter exit, at flowmeter intake, at gate valve exit, at gate valve intake, at sampling tee exit, at sampling tee intake, at riser pipe elbow exit, at riser pipe elbow intake, at sampling tee to sample cock, and at sample-cock intake leaked; gate valve stem leaked; hose clamp (not repaired) and bushing leaked; bushing needed replacing	01/15/93	02/18/93
	Sampling tee leaked and needed replacing	06/10/93	06/23/93
HSB100C	Gate valve stem leaked; pipe connections at gate valve intake and at sampling tee intake leaked; bushing and sample cock needed replacing	01/06/93	02/18/93
HSB101D	Pipe connections at sampling tee to sampling cock and at sample-cock intake leaked	10/05/93	12/01/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
HSB102C	Pipe connections at gate valve intake and at sampling tee exit leaked	01/14/93	02/18/93
HSB102D	Gate valve stem leaked; pipe connections at gate valve intake, at sampling tee exit, at sampling tee intake, at riser pipe elbow exit, at riser pipe elbow intake, and at sampling tee to sample cock leaked	01/14/93	02/18/93
HSB103C	Pipe connections at discharge hose intake and at flowmeter exit leaked	01/06/93	05/04/93
HSB106D	Pump would not start	01/14/93	02/18/93
	Pump would not start	07/15/93	09/17/93
HSB107C	Pipe connections at discharge hose intake, at flowmeter exit, at flowmeter intake, and at gate valve exit leaked; gate valve stem leaked; hose not repaired	01/11/93	02/18/93
	Pipe connections at discharge hose intake, at flowmeter exit, at flowmeter intake, at gate valve exit, at gate valve stem, at gate valve intake, and at sampling tee exit leaked	04/05/93	06/22/93
	Pipe connections at sampling tee to sample cock and at sample-cock intake leaked; bushing needed replacing	10/06/93	12/01/93
HSB109D	Discharge hose leaked	04/05/93	06/22/93
HSB110C	Gate valve stem leaked; pipe connections at gate valve intake, at sampling tee exit, and at sampling tee to sample cock leaked	01/15/93	02/18/93
	Sample cock leaked	07/05/93	07/21/93
HSB110D	Casing lid would not close and lock	01/15/93	02/18/93
HSB111E	Pipe connection at discharge hose intake leaked	01/14/93	05/04/93
HSB113C	Pipe connections at gate valve intake, at sampling tee exit, and at sampling tee to sample cock leaked	01/14/93	02/18/93
HSB114D	Sampling tee leaked and needed replacing	01/17/93	02/18/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
HSB115C	Sample cock did not shut off water flow	04/12/93	06/22/93
HSB115D	Bushing leaked and needed replacing	01/18/93	02/93
	Sample cock leaked	07/20/93	09/16/93
	Sample cock leaked and needed replacing	10/12/93	12/01/93
HSB120A	Pipe connection at discharge hose intake leaked	01/15/93	05/04/93
HSB123A	Meter and entire discharge and sampling assemblage missing	01/23/93	03/08/93
	Pipe connection at discharge hose intake leaked	10/08/93	12/01/93
HSB127D	Sample-nipple cap missing	10/14/93	12/01/93
HSB130C	Pipe connections at gate valve intake, at sampling tee exit, and at sampling tee to sample cock leaked	01/19/93	02/19/93
	Riser pipe elbow leaked	07/05/93	07/21/93
	Sample cock leaked and would not shut off water flow	10/21/93	12/01/93
HSB131D	Everything except discharge hose and flowmeter missing	01/19/93	02/24/93
HSB133D	Liquid-level pipe cap missing	07/07/93	07/21/93
HSB135D	Sampling tee leaked and needed replacing	07/21/93	09/16/93
HSB136C	Pipe connections at sampling tee intake, at riser pipe elbow exit and intake, and at sampling tee to sample cock leaked	04/21/93	05/04/93
HSB136D	Pipe connection at discharge hose intake leaked; discharge hose needed replacing	01/25/93	05/04/93
	Discharge hose needed replacing	04/21/93	05/04/93
HSB137C	Pipe connection at discharge hose intake leaked; discharge hose needed replacing	01/25/93	05/04/93
	Discharge hose leaked and needed replacing	04/20/93	05/04/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Bushing leaked and needed replacing	07/22/93	09/16/93
HSB137D	Pipe connection at discharge hose intake leaked; discharge hose needed replacing	01/25/93	05/04/93
	Discharge hose leaked and needed replacing	04/20/93	05/04/93
HSB139C	Pipe connection at sampling tee exit leaked	07/27/93	09/21/93
HSB141D	Flowmeter needed replacing	01/29/93	02/22/93
HSB145C	Sample cock needed replacing	01/28/93	02/19/93
HSB145D	Sample cock needed replacing	01/28/93	02/19/93
HSL Series, H-Area Inactive Process Sewer Line Wells for Groundwater Assessment			
HSL 2D	Discharge hose needed replacing	01/31/93	
	Flowmeter did not work and needed replacing	09/06/93	12/01/93
HSL 3D	Flowmeter leaked from bottom	12/06/92	
HWS Series, Hazardous Waste Storage Facility			
HWS 1A	Gate valve stem leaked	07/31/93	12/01/93
HXB Series, Ford Building Seepage Basin			
HXB 2	Gate valve stem leaked	12/10/92	02/11/93
HXB 3	Pipe connections at flowmeter intake, at gate valve exit, at sampling tee intake, and at sampling tee to sample cock leaked	12/11/92	02/11/93
HXB 5D	Pipe connection at flowmeter intake leaked	12/11/92	02/11/93
IDB Series, Interim Waste Technology Site Characterization Wells, Site B			
IDB 1C	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	12/20/92	09/09/93
	Flowmeter missing	03/14/93	09/09/93
	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	05/16/93	09/09/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	08/23/93	09/09/93
IDB 2B	Pipe connection at riser pipe elbow exit leaked; discharge hose needed replacing	03/15/93	07/30/93
	Flowmeter missing	05/16/93	09/08/93
	Flowmeter needed replacing	09/08/93	
IDB 2C	Discharge hose leaked, sprayed, and needed replacing	11/29/93	01/27/94
IDB 3	Discharge hose needed replacing	03/15/93	09/08/93
	Flowmeter missing	05/16/93	09/08/93
	Discharge hose missing	08/24/93	09/09/93
IDB 5	Discharge hose missing and needed replacing	03/15/93	07/30/93
	Flowmeter missing	05/16/93	09/08/93
IDB 6	Pipe connection at sampling tee to sample cock leaked	12/20/92	03/08/93
	Pipe connection at sampling tee to sample cock leaked; liquid-level pipe cap missing and needed replacing	03/15/93	09/07/93
	Pipe connection at flowmeter exit leaked	08/23/93	09/07/93
IDP Series, Interim Waste Technology Site Characterization Wells, Site P			
IDP 1	Flowmeter connector leaked	02/27/93	07/20/93
	Pipe connection at flowmeter intake leaked	04/27/93	07/20/93
	Pipe connection at flowmeter intake leaked; discharge hose needed replacing	10/16/93	
IDP 3B	Liquid-level pipe cap missing	02/28/93	07/20/93
IDP 3C	Gate valve and nipple leaked	02/28/93	07/21/93
IDP 4	Uppermost portion of casing loose	03/07/93	07/21/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
IDP 5	Nipple leaked	02/27/93	07/21/93
IDP 6	Nipple leaked	02/27/93	07/20/93
IDP 9	Discharge hose needed replacing	02/27/93	07/20/93
	Discharge hose needed replacing	04/28/93	07/20/93
IDQ Series, Interim Waste Technology Site Characterization Wells, Site Q			
IDQ 2	Pipe connection at sampling tee exit leaked	03/07/93	07/21/93
IDQ 3B	Pipe connections at discharge hose intake and at flowmeter exit leaked	04/28/93	07/21/93
IDQ 3C	Pipe connection at sampling tee to sample cock or at sample-cock intake leaked	03/07/93	07/21/93
IDQ 7	Flowmeter not turning and needed replacing	03/07/93	
K Series, K-Area Wind Tower Piezometers at Road B			
K 301P	Concrete pad missing	08/14/93	
KAB Series, K-Area Ash Basin			
KAB 1	Discharge hose sprayed and needed replacing	12/06/92	02/17/93
KAC Series, K-Area Acid/Caustic Basin			
KAC 1	Hose clamp leaked and sprayed	10/23/93	01/27/94
KAC 2	Pipe connection at riser pipe elbow exit leaked	07/17/93	09/16/93
	Pipe connection at sampling tee to sample cock leaked	10/24/93	01/27/94
KAC 4	Gate valve stem and pipe connection at sampling tee exit leaked	10/23/93	01/27/94
KAC 6	Pipe connection at sampling tee intake leaked	07/18/93	09/16/93
	Pipe connections at sampling tee exit and at riser pipe elbow exit leaked	10/24/93	01/27/94
KAC 7	Pipe connection at sampling tee to sample cock leaked	07/18/93	09/16/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Discharge hose and hose clamp leaked; pipe connections at sampling tee intake and exit leaked	10/24/93	01/27/94
KAC 8	Pipe connections at sampling tee to sample cock and at sample-cock intake leaked	02/04/93	03/24/93
	Pipe connection at sampling tee exit leaked	04/25/93	05/11/93
	Pipe connection at sampling tee exit leaked	07/18/93	09/16/93
	Pipe connections at sampling tee intake and exit leaked	10/23/93	01/27/94
KAC 9	Pipe connection at sampling tee to sample cock or at sample-cock intake leaked	04/24/93	05/11/93
KCB Series, K-Area Coal Pile Runoff Containment Basin			
KCB 1	Pipe connection at sampling tee to sample cock leaked	08/15/93	09/09/93
KCB 2	Pump would not start—tripped breaker on generator	08/21/93	09/17/93
KCB 3	Discharge hose too short and needed replacing	03/06/93	07/26/93
	Discharge water puddles on top of pad; pad needed to be raised	11/30/93	
KDB Series, K-Area Disassembly Basin			
KDB 1	Discharge hose, hose clamp, and flowmeter connector missing	03/18/93	
	Hose clamp missing; flowmeter connector needed washer	09/07/93	
	Discharge hose, hose clamp, and flowmeter connector missing (also noted on 12/13/93)	12/10/93	
KDB 2	Discharge hose and hose clamp missing	12/10/92	
	Pipe connection at sampling tee intake leaked	03/18/93	06/23/93
	Discharge hose and hose clamp missing	06/09/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Pipe connection at gate valve intake leaked; discharge hose and hose clamp missing	09/07/93	
	Pipe connection at sampling tee intake leaked and sprayed badly; discharge hose and hose clamp missing	12/13/93	
KDB 3	Pipe connection at sampling tee intake leaked; discharge hose split and needed replacing	03/18/93	
	Pipe connection at gate valve intake leaked; hose clamp and flowmeter connector missing	09/07/93	
	Discharge hose, hose clamp, and flowmeter connector missing	12/13/93	
KDT Series, K-Area Diesel Tank			
KDT 1D	Discharge hose and hose clamp missing	03/18/93	
	Discharge hose and hose clamp missing	06/09/93	
	Discharge hose and hose clamp missing (also noted on 12/13/93)	12/10/93	
KRB Series, K-Area Retention Basin			
KRB 19D	Pipe connections at flowmeter intake and exit leaked	11/30/93	01/27/94
KRP Series, K-Area Burning/Rubble Pit			
KRP 1	Pipe connections at sampling tee intake and at riser pipe elbow exit leaked	08/15/93	09/09/93
KRP 3	Pipe connections at gate valve intake, at sampling tee exit, at riser pipe elbow exit, and at sampling tee to sample cock leaked	08/15/93	09/09/93
KRP 4	Sample cock leaked, would not close, and needed replacing	03/05/93	07/26/93
	Pipe connections at riser pipe elbow exit and at sampling tee to sample cock leaked	08/15/93	09/08/93
	Cracked riser pipe elbow—leaked and sprayed; flowmeter needed replacing	10/21/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
KSS Series, K-Area Sludge Land Application Site			
KSS 2D	Flowmeter registered faster than actual rate and needed replacing	07/17/93	02/01/94
KSS 3D	Discharge hose leaked, sprayed, and needed replacing	10/21/93	02/01/94
LAC Series, L-Area Acid/Caustic Basin			
LAC 1	Pipe connections at sampling tee exit and at sampling tee to sample cock leaked	08/21/93	09/09/93
LAC 2	Discharge hose leaked	03/09/93	06/22/93
	Sample-nipple cap missing and needed replacing	05/01/93	06/22/93
	Pipe connections at gate valve stem and at riser pipe elbow exit leaked	11/13/93	01/27/94
LAC 4	Discharge hose sprayed and needed replacing	12/06/92	02/17/93
	Sample cock stuck in on position and needed replacing	11/13/93	01/27/94
LAW Series, L-Area Research Wells			
LAW 1F	Pipe connections at sampling tee exit, at sampling tee intake, at riser pipe elbow exit, at sampling tee to sample cock, and at sample cock intake leaked	03/10/93	06/22/93
	Pipe connections at riser pipe elbow exit and at sampling tee intake leaked; flowmeter needed replacing	06/01/93	06/23/93
LAW 2C	Pipe connections at gate valve exit, at sampling tee intake and exit, and at sampling tee to sample cock leaked	12/05/93	
LAW 3C	Sample nipple and sample-nipple cap missing	12/07/92	02/17/93
	Pipe connections at sampling tee exit, at sampling tee intake, and at sampling tee to sample cock leaked	03/10/93	06/22/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Pipe connections at gate valve intake, at sampling tee exit, and at sampling tee intake leaked	06/01/93	06/23/93
LCO Series, L-Area Oil and Chemical Basin			
LCO 1	Discharge hose needed replacing	12/10/92	02/08/93
LCO 2	Gate valve stem leaked; discharge hose needed replacing	12/10/92	02/08/93
	Sample cock leaked in off position	03/08/93	06/22/93
LCO 3	Gate valve stem leaked	12/10/92	02/08/93
	Well pad lower than surrounding dirt and gravel	10/24/93	
LCO 4	Discharge hose split, sprayed, and needed replacing	12/16/92	02/08/93
	Gate valve, hose clamp, nipple, and sample cock leaked	03/08/93	06/22/93
	Gate valve, nipple, and riser pipe elbow leaked	05/02/93	06/22/93
	Pipe connections at flowmeter intake and at riser pipe elbow exit leaked	09/11/93	
	Pipe connections at flowmeter intake, at sampling tee intake, and at riser pipe elbow exit leaked	11/05/93	
LDB Series, L-Area Disassembly Basin			
LDB 1	Plumbing leaked; flowmeter needed replacing	12/10/92	02/23/93
LDB 2	Plumbing leaked	12/10/92	02/23/93
	Sampling tee sprayed and needed replacing	03/18/93	
	Riser pipe elbow cracked, leaked, and needed replacing; pipe connection at sampling tee intake leaked; sampling tee needed replacing	06/01/93	
	Sampling tee and riser pipe elbow leaked, sprayed, and needed replacing	08/31/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Sampling tee and riser pipe elbow leaked, sprayed badly, and needed replacing	12/13/93	
LFW Series, Sanitary Landfill			
LFW 10A	Sample cock needed replacing because flow not stopped in off position	06/15/93	08/02/93
	Discharge hose leaked	12/28/93	01/30/94
LFW 17	Discharge hose leaked	12/13/93	01/30/94
LFW 20	Nipple snapped and needed replacing	01/03/93	01/29/93
LFW 21	Discharge hose sprayed and needed replacing	01/05/93	01/29/93
LFW 22	Discharge hose sprayed and needed replacing	01/04/93	01/29/93
LFW 24	Sample cock needed replacing	01/04/93	01/29/93
LFW 25	Flowmeter needed replacing	03/21/93	09/17/93
	Pipe connection at discharge hose intake leaked; flowmeter needed replacing	06/10/93	
	Flowmeter did not work and needed replacing	09/12/93	02/03/94
LFW 26	Pipe connections at discharge hose intake, at flowmeter exit, and at flowmeter intake leaked; gate valve stem leaked	03/21/93	06/23/93
LFW 28	Discharge hose and pipe connection at discharge hose intake leaked	12/17/93	01/30/94
LFW 30	Nipple leaked and needed replacing	01/05/93	01/29/93
	Pipe connection at gate valve intake leaked and sprayed	03/22/93	06/23/93
	Flowmeter connector, gate valve, nipples, and sampling tee leaked	06/05/93	06/23/93
LFW 31	Discharge hose sprayed and needed replacing	03/23/93	06/22/93
	Discharge hose leaked and needed replacing	06/05/93	06/23/93
LFW 32	Gate valve leaked	06/05/93	06/23/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
LFW 33	Discharge hose sprayed and needed replacing; well pad cracked	03/23/93	06/23/93
	Discharge hose leaked, sprayed, and needed replacing	06/06/93	06/23/93
LFW 38	Pipe connection at gate valve exit leaked; discharge hose leaked, sprayed, and needed replacing	01/10/93	01/29/93
	Pipe connections at sampling tee intake and at riser pipe elbow exit leaked	06/10/93	06/23/93
LFW 39	Discharge hose leaked and needed replacing	01/11/93	01/29/93
LFW 40	Discharge hose leaked and needed replacing	01/14/93	01/29/93
LFW 41	Pipe connection at flowmeter intake leaked	01/14/93	01/29/93
LFW 43B	Flowmeter needed replacing	03/21/93	06/23/93
	Flowmeter needed replacing	06/06/93	06/23/93
	Pipe connection at sampling tee to sample cock leaked	12/12/93	01/30/94
LFW 43D	Hose clamp missing; hose clamp and flowmeter needed replacing	03/21/93	09/17/93
	Discharge hose missing and needed replacing; flowmeter needed replacing	06/06/93	06/23/93
	Pipe connection at sampling tee to sample cock leaked	12/12/93	01/31/94
LRP Series, L-Area Burning/Rubble Pit			
LRP 1	Sample cock leaked in closed position and needed replacing	03/09/93	06/22/93
LRP 2	Discharge hose and sample cock needed replacing	12/08/92	02/17/93
LSB Series, L-Area Reactor Seepage Basin			
LSB 1	Discharge hose sprayed and needed replacing	12/06/92	02/17/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
LSB 3	Flowmeter was spinning but did not turn at low flow rates	09/11/93	02/03/94
LSB 4	Sample cock stuck in on position	09/11/93	02/03/94
	Sample cock leaked and would not shut off water flow	11/05/93	02/03/94
MCB Series, Miscellaneous Chemical Basin			
MCB 2	Plumbing lying on the ground	01/28/93	03/93
	Discharge hose sprayed, leaked, and needed replacing	07/30/93	09/13/93
MCB 4	Pump missing and needed replacing	01/28/93	03/93
	Pipe connections at flowmeter intake and at sampling tee to sample cock leaked	05/01/93	07/20/93
	Discharge hose leaked, sprayed, and needed replacing	10/22/93	12/02/93
MCB 5	Pump missing and needed replacing	01/28/93	03/93
MCB 6	Pump missing and needed replacing	01/28/93	03/93
	Discharge hose leaked, sprayed, and needed replacing	10/22/93	12/02/93
MSB Series, M-Area HWMF and Plume Definition Wells			
MSB 3A	2 tubes and cable were down well	11/23/93	
MSB 3D	Gate valve stem leaked; sample cock leaked in closed position and needed replacing	04/23/93	
	Pump would not start	07/19/93	07/20/93
	Flowmeter needed replacing	08/26/93	12/01/93
MSB 5C	Discharge hose split, sprayed, and needed replacing	01/02/93	05/05/93
MSB 10C	Pipe connections at sample-tee intake and exit leaked	11/21/93	01/26/94

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
MSB 11A	Discharge hose and hose clamp missing	01/03/93	01/05/93
MSB 11B	Discharge hose, hose clamp, and flowmeter connector missing	01/03/93	05/05/93
	Pipe connection at flowmeter intake leaked; bottom of flowmeter leaked	07/12/93	09/13/93
	Flowmeter leaked and needed replacing	10/11/93	10/12/93
MSB 11C	Pipe connection at flowmeter intake leaked	07/12/93	09/21/93
MSB 11E	Metal box ~ 1 ft above well with a line down the well prevented bailing	01/03/93	
	Object prevented bailer from entering ~ 1 ft of water in well	11/23/93	
MSB 12A	Flowmeter did not work and needed replacing	04/12/93	05/05/93
MSB 15AA	Flowmeter needed replacing	04/03/93	05/05/93
MSB 16A	Pipe connection at flowmeter intake leaked; pump rate started at 1.9 gpm and should have been much higher; sample-nipple cap needed replacing	04/16/93	05/05/93
	Pipe connection at flowmeter intake leaked	07/13/93	09/13/93
MSB 17BB	Sample cock leaked, sprayed, and needed replacing; pipe connections at discharge hose intake and at gate valve exit leaked	04/12/93	05/05/93
MSB 19A	Discharge hose sprayed, leaked, and needed replacing	10/06/93	12/02/93
MSB 21A	Discharge hose leaked and needed replacing	10/05/93	12/02/93
MSB 21C	Discharge hose split, sprayed, and needed replacing	01/03/93	05/28/93
MSB 21TA	Sample-nipple cap missing	04/04/93	07/20/93
MSB 23TR	Discharge hose and hose clamp missing; pump rate started at ~ 1 1/2 gpm (should be greater) and pump leaked	11/10/93	12/07/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
MSB 24A	Entire assemblage and pump missing, except for discharge hose and flowmeter	01/25/93	
	Pump rate started at ~ 1 gpm	11/22/93	
MSB 26	Pipe connection at flowmeter intake leaked	07/13/93	09/13/93
MSB 26B	Flowmeter needed replacing	04/04/93	05/05/93
MSB 27A	Entire assemblage and pump missing	01/25/93	
MSB 27B	Pipe connections at sampling tee exit, at sampling tee intake, and at sampling tee to sample cock leaked	04/13/93	09/07/93
	Pipe connection at sampling tee to sample cock leaked	07/21/93	09/15/93
MSB 28A	Discharge hose, hose clamp, and flowmeter connector missing	04/13/93	05/05/93
MSB 29C	Flowmeter needed replacing	04/11/93	07/22/93
MSB 31A	Discharge hose leaked and needed replacing	04/04/93	06/24/93
	Discharge hose leaked, sprayed, and needed replacing	07/06/93	07/21/93
MSB 31B	Pipe connections at discharge hose intake and at flowmeter intake leaked	04/14/93	06/24/93
MSB 31C	Pipe connection at flowmeter intake leaked	04/13/93	06/23/93
	Pipe connections at flowmeter intake, at gate valve intake and exit, and at sampling tee exit leaked	11/22/93	01/26/94
MSB 32	Discharge hose split and sprayed	01/01/93	01/06/93
MSB 32B	Pump would not start	10/06/93	12/01/93
MSB 33A	Discharge hose sprayed, leaked, and needed replacing	10/09/93	12/02/93
MSB 33B	Discharge hose leaked and needed replacing	01/09/93	06/02/93
MSB 33TA	Discharge hose missing	01/09/93	06/02/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Flowmeter stuck, stopped registering, and needed replacing	10/09/93	12/02/93
MSB 34B	Pipe connections at flowmeter intake and at gate valve exit leaked	01/22/93	03/11/93
	Discharge hose missing and needed replacing	04/18/93	07/20/93
MSB 34TB	Discharge hose leaked, sprayed, and needed replacing	08/07/93	09/13/93
MSB 35TA	Discharge hose needed replacing	01/16/93	06/02/93
MSB 37A	Discharge hose and flowmeter leaked	01/19/93	03/11/93
	Flowmeter and support post needed replacing	04/10/93	06/23/93
MSB 39A	Discharge hose needed replacing	01/09/93	06/02/93
MSB 39D	Discharge hose missing and needed replacing	01/17/93	06/02/93
MSB 40D	Entire assemblage and pump needed replacing	01/10/93	
MSB 41D	Flowmeter did not work and needed replacing (also noted 11/21/93)	10/08/93	12/02/93
MSB 42B	Flowmeter did not work and needed replacing	02/08/93	06/03/93
	Flowmeter did not work and needed replacing	04/21/93	09/03/93
MSB 42C	Discharge hose sprayed and needed replacing	02/08/93	06/02/93
	Discharge hose leaked, sprayed, and needed replacing	04/21/93	09/03/93
MSB 46A	Pipe connection at sampling tee to sample cock leaked and sprayed	08/01/93	09/13/93
MSB 49A	Discharge hose sprayed and needed replacing	01/19/93	05/05/93
	Discharge hose leaked, sprayed, and needed replacing	04/09/93	07/20/93
MSB 49B	Flowmeter did not work and needed replacing	04/09/93	07/20/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
MSB 50B	Flowmeter needed replacing	04/11/93	07/23/93
	Discharge hose sprayed, leaked, and needed replacing	10/09/93	12/02/93
MSB 53D	Flowmeter needed replacing	10/09/93	12/02/93
MSB 54TA	Flowmeter needed replacing	04/20/93	06/24/93
MSB 60D	Flowmeter did not work and needed replacing	04/20/93	05/05/93
MSB 61D	Flowmeter needed replacing; 10-gal column did not advance	07/06/93	07/23/93
	Discharge hose sprayed, leaked, and needed replacing	10/10/93	12/01/93
MSB 63B	Gate valve leaked and needed replacing	04/15/93	05/05/93
MSB 64B	Flowmeter needed replacing	03/17/93	05/05/93
	Flowmeter needed replacing	11/21/93	
MSB 66D	Pump would not start	02/07/93	Not repaired†
MSB 68D	Pipe connection at sampling tee to sample cock leaked	04/22/93	09/07/93
MSB 70C	Discharge hose needed replacing	02/06/93	05/05/93
	Discharge hose needed replacing	04/09/93	05/05/93
MSB 72B	Pipe connection at discharge hose intake leaked	01/10/93	06/02/93
MSB 75B	Discharge hose, hose clamp, and flowmeter connector missing	04/16/93	06/24/93
MSB 76C	Pipe connection at sampling tee to sample cock leaked directly into sample	11/21/93	01/26/94
MSB 78D	Entire assemblage and pump missing, except for discharge hose and flowmeter, and needed replacing	02/06/93	03/93
	Pump would not start, so well could not be sampled	04/09/93	Not repaired†

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Gate valve, nipples, sampling tee, riser pipe elbow, liquid-level pipe cap, bushing, sample cock, coupling, sample nipple, sample-nipple cap, and pump missing	12/07/93	Not repaired†
MSB 82C	Pipe connection at sampling tee intake leaked	04/20/93	06/24/93
MSB 83C	Discharge hose sprayed, leaked, and needed replacing	10/15/93	12/07/93
MSB 86C	Flowmeter stopped at ~2 gpm rate and needed replacing	10/13/93	12/01/93
MSB 88B	Discharge hose and hose clamp missing; protective-casing lid will not close to lock	11/10/93	12/02/93
MSB 88C	Discharge hose and hose clamp missing	11/10/93	12/02/93
MSB 88D	Discharge hose and hose clamp missing	11/10/93	12/02/93
MSB 89B	Discharge hose and hose clamp missing	11/10/93	12/07/93
MSB 89C	Discharge hose and hose clamp missing	11/10/93	
NBG Series, Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility			
NBG 4	Gate valve stem leaked; pipe connections at sampling tee exit and at sampling tee intake leaked; discharge hose leaked and needed replacing; coupling and sample nipple needed replacing	03/18/93	10/06/93
	Discharge hose leaked and needed replacing; coupling, sample nipple, and sample-nipple cap needed replacing	06/08/93	10/06/93
	Discharge hose leaked and needed replacing; sample nipple and sample-nipple cap missing	09/10/93	10/06/93
NBG 5	Gate valve stem leaked; pipe connections at gate valve intake and at sampling tee exit leaked; bottom plug of flowmeter leaked	03/18/93	10/06/93
	Flowmeter leaked (bottom plug out)	06/08/93	10/06/93
	Flowmeter leaked (bottom plug out)	09/10/93	10/06/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
NPM Series, Potential New Production Reactor Site Characterization Wells			
NPM 1	Entire discharge and meter assemblage and pump missing	02/25/93	Not repaired†
NPM 1A	Entire discharge and meter assemblage and pump missing	02/25/93	Not repaired†
NPM 4DD	Pipe connection at sampling tee to sample cock leaked	02/26/93	03/10/93
P Series, North of H Area			
P 14C	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	12/20/92	
P 14TA	Pump would not start	12/21/92	
P 14TC	Pump would not start	12/21/92	
P Series, R-Area Bedrock Exploration Hydrology Wells			
P 20C	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	06/10/93	02/02/94
		09/09/93	02/02/94
		12/08/93	02/02/94
P 20D	Discharge hose, hose clamp, flowmeter connectors, flowmeter, bushing, sample cock, coupling, sample nipple, and sample-nipple cap missing	06/10/93	02/02/94
		09/09/93	02/02/94
		12/08/93	02/02/94
P Series, P-Area Microbiology Wells			
P 24A	Flowmeter did not work and needed replacing	12/08/93	02/02/94
P 24TA	Discharge hose, hose clamp, gate valve, nipples, sampling tee, riser pipe elbow, liquid-level pipe cap, bushing, sample cock, coupling, sample nipple, sample-nipple cap, and pump missing	12/08/93	
P 24TB	Discharge hose, hose clamp, flowmeter connectors, gate valve, nipples, sampling tee, riser pipe elbow, liquid-level pipe cap, bushing, sample cock, coupling, sample nipple, sample-nipple cap, and pump missing	12/08/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
P 24TD	Discharge hose, hose clamp, flowmeter connectors, flowmeter, gate valve, nipples, sampling tee, riser pipe elbow, liquid-level pipe cap, bushing, sample cock, coupling, sample nipple, sample-nipple cap, and pump missing	12/08/93	
P Series, TNX-Area Background Wells			
P 26A	Entire sampling and meter assemblage missing	12/18/92	
	Pump missing	12/02/93	
P 26B	Pipe connections at gate valve exit, at gate valve intake, and at sampling tee intake leaked; discharge hose, hose clamp, flowmeter connector, and flowmeter missing; leaks repaired 03/11/93 and missing parts will be replaced when they arrive	12/18/92	03/11/93
P 26D	Gate valve stem leaked; pipe connections at gate valve intake, at sampling tee exit, and at sampling tee intake leaked; discharge hose, hose clamp, flowmeter connector, and flowmeter missing	12/18/92	03/11/93
P Series, H-Area Groundwater Assessment Wells			
P 27B	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	03/17/93 06/13/93 09/12/93	09/14/93 09/14/93 09/14/93
P 27C	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	03/17/93 06/13/93 09/12/93	09/14/93 09/14/93 09/14/93
P 27D	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	03/17/93 06/13/93 09/12/93	09/14/93 09/14/93 09/14/93
P 27TA	Pump would not start	03/19/93	
	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	06/13/93	
P 27TB	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	06/13/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
P 27TC	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	06/13/93	
P 27TD	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	06/13/93	
	Electrical-box plug loose	12/13/93	
P 27TE	Discharge hose, hose clamp, flowmeter connectors, and flowmeter missing	06/13/93	
P Series, F-Area Microbiology Wells for Bedrock Exploration			
P 28TC	Liquid-level pipe cap missing	03/17/93	
	Flowmeter and liquid-level pipe cap missing	08/30/93	
P Series, B-Area Microbiology Wells			
P 29C	Pipe connections at flowmeter exit and at flowmeter intake leaked	12/13/92	03/11/93
	Gate valve stem leaked	03/20/93	
P 29TA	Discharge hose missing and needed replacing	03/21/93	
	Discharge hose missing and needed replacing	05/30/93	
	Pump missing	09/03/93	
P 29TC	Pump missing	09/03/93	
PAC Series, P-Area Acid/Caustic Basin			
PAC 2	Discharge hose leaked, sprayed, and needed replacing	05/17/93	07/27/93
	Pipe connection at discharge hose intake leaked	07/16/93	09/07/93
PAC 4	Discharge hose leaked, spray d, and needed replacing	05/17/93	07/27/93
	Pipe connection at discharge hose intake leaked	07/16/93	09/07/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
PCB Series, P-Area Coal Pile Runoff Containment Basin			
PCB 3A	Pipe connections at sampling tee exit, at sampling tee intake, and at sampling tee to sample cock leaked	03/17/93	07/26/93
	Pipe connection at sampling tee intake leaked	05/25/93	07/23/93
PCB 4A	Sample cock leaked	03/17/93	07/26/93
	Sample cock leaked and would not shut off water flow	11/24/93	01/26/94
PDB Series, P-Area Disassembly Basin			
PDB 2	Gate valve stem leaked; pipe connections at flowmeter exit, at gate valve intake, at sampling tee exit, at sampling tee intake, at riser pipe elbow exit, and at sampling tee to sample cock leaked	03/15/93	07/26/93
	Pipe connections at sampling tee to sample cock and at flowmeter intake leaked	05/30/93	07/26/93
	Sampling tee leaked, sprayed, and needed replacing; lock missing	08/26/93	
	Discharge hose missing; pipe connections at discharge hose intake, at sampling tee intake and exit, and at sampling tee to sample cock leaked badly	11/24/93	
PDB 3	Pipe connections at gate valve intake, at sampling tee exit, at sampling tee intake, and at riser pipe elbow exit leaked; discharge hose missing	03/15/93	07/26/93
	Discharge hose and hose clamp missing	05/30/93	07/26/93
	Hose clamp, flowmeter connector, gate valve, nipples, sampling tee, and lock missing	08/26/93	
PRP Series, P-Area Burning/Rubble Pit			
PRP 3	Discharge hose and flowmeter needed replacing	08/29/93	09/14/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Sample cock leaked and would not shut off water flow	11/24/93	01/29/94
PRP 4	Pipe connections at discharge hose intake, at flowmeter exit, and at flowmeter intake leaked	03/17/93	07/27/93
PSB Series, P-Area Reactor Seepage Basins			
PSB 1A	Well pad cracked	05/25/93	
	Sampling tee leaked, sprayed, and needed replacing	08/29/93	09/14/93
PSB 3A	Flowmeter needed replacing	03/14/93	09/09/93
PSB 4A	Pipe connections at sampling tee exit and at sampling tee intake leaked	05/25/93	07/26/93
	Pipe connections at gate valve intake and exit leaked	12/07/93	01/27/94
PSB 6A	Well pad cracked	05/25/93	
RAC Series, R-Area Acid/Caustic Basin			
RAC 2	Pipe connection at sample cock intake leaked and needed replacing	03/21/93	07/27/93
	Sample cock needed replacing	06/10/93	07/27/93
RCP Series, R-Area Coal Pile			
RCP 1A	Discharge hose and hose clamp missing; pumping rate too slow	03/19/93	05/04/93
RCP 1D	Discharge hose and hose clamp missing	03/19/93	05/04/93
	Discharge hose and hose clamp missing	06/10/93	07/27/93
RDB Series, R-Area Disassembly Basin			
RDB 1D	Bushing and sample cock needed replacing	12/15/92	05/04/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Pipe connections at gate valve intake and at sampling tee exit leaked	03/19/93	05/04/93
RSE Series, Series E, R-Area Reactor Seepage Basins			
RSE 24	Discharge hose split, sprayed, and needed replacing	03/19/93	05/04/93
RSE 25	Discharge hose split, sprayed, and needed replacing	12/15/92	05/04/93
	Pipe connections at gate valve intake, at sampling tee exit, and at sampling tee intake leaked	03/19/93	05/04/93
RSF Series, Series F, R-Area Reactor Seepage Basins			
RSF 1	Pipe connection at discharge hose intake leaked; discharge hose needed replacing; sampling assemblage too close to well casing	12/16/92	
	Discharge hose needed replacing; pipe connections at discharge hose intake, at flowmeter exit, at flowmeter intake, at gate valve exit, at gate valve intake, and at sampling tee exit leaked; gate valve stem leaked	09/14/93	
	Pipe connection at discharge hose intake leaked	12/17/93	
RSF 2	Pipe connections at sampling tee intake, at riser pipe elbow exit and intake, at sampling tee to sample cock, and at sample-cock intake leaked	12/16/92	
	Hose clamp, nipple, and gate valve stem leaked; pipe connections at discharge hose intake, at flowmeter exit and intake, at gate valve exit and intake, and at sampling tee exit and intake leaked	03/22/93	
	Discharge hose needed replacing; pipe connection at discharge hose intake leaked	09/14/93	
	Pipe connections at discharge hose intake, at sampling tee intake, and at riser pipe elbow exit leaked	12/17/93	
RSF 3	Discharge hose needed replacing	12/16/92	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Discharge hose needed replacing; pipe connection at discharge hose intake leaked	09/14/93	
	Pipe connection at discharge hose intake leaked	12/17/93	
RWM Series, M-Area Recovery Wells			
RWM 3	Liquid-level pipe stuck in standpipe	10/14/93	11/21/93
	Could not remove cap from liquid-level pipe	11/17/93	12/17/93
RWM 9	Pump was off	11/14/93	11/16/93
RWM 10	Pump was off	11/14/93	
RWM 11	Pump was off	11/14/93	11/16/93
RWM 16	Pump would not start	08/08/93	
SBG Series, S-Area Defense Waste Processing Facility (DWPF) Background Wells			
SBG 1	Pipe connections at gate valve exit, at gate valve intake, at sampling tee exit, at sampling tee intake, and at sampling tee to sample cock leaked	12/15/92	03/09/93
SBG 2	Pipe connections at discharge hose intake, at gate valve exit, at gate valve intake, at sampling tee exit, and at sampling tee intake leaked; gate valve stem leaked	12/17/92	03/09/93
	Sampling tee leaked and needed replacing	06/01/93	09/15/93
	Gate valve, nipple, and sampling tee leaked and sprayed	08/25/93	09/21/93
SBG 3	Discharge hose missing	12/17/92	02/22/93
SBG 4	Pipe connection at discharge hose intake leaked	03/10/93	07/26/93
	Pipe connections at discharge hose intake, at flowmeter exit, at flowmeter intake, at gate valve exit, at gate valve stem, at gate valve intake, at sampling tee exit, and at sampling tee intake leaked	05/31/93	09/15/93
SBG 5	Hose clamp, flowmeter connector, and liquid-level pipe cap missing	12/16/92	03/09/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
SCA Series, S-Area Vitrification Building			
SCA 3	Discharge hose and hose clamp missing	12/21/92	02/22/93
	No key to lock	03/11/93	
	No key for master lock; lock needed replacing	12/10/93	
SCA 3A	Could not unlock well casing lid	06/02/93	
SCA 4	Discharge hose and hose clamp missing	12/21/92	02/22/93
SCA 5	Discharge hose, hose clamp, and sample-nipple cap missing	12/20/92	02/22/93
SCA 6	Discharge hose and hose clamp missing	12/21/92	02/22/93
SLP Series, S-Area Low-Point Pump Pit			
SLP 1	Discharge hose missing	12/17/92	02/22/93
SLP 2	Discharge hose missing	12/17/92	02/22/93
SLW Series, New Sanitary Landfill Piezometer Wells			
SLW 2	Liquid-level pipe cap missing	12/21/92	02/22/93
SLW 3	Casing broken; locking cap installed	12/21/92	02/22/93
SLW 4	Casing broken; well abandoned	12/21/92	02/22/93
SLW 5	Liquid-level pipe cap missing	12/21/92	02/22/93
SLW 6	Liquid-level pipe cap missing	12/21/92	02/22/93
SLW 7	Liquid-level pipe cap missing	12/21/92	02/22/93
SLW 8	Liquid-level pipe cap missing	12/21/92	02/22/93
SRW Series, Silverton Road Waste Site			
SRW 1	Entire sampling assemblage and pump missing, except discharge hose and flowmeter	01/23/93	
	Discharge hose leaked and needed replacing (also reported 12/16/93)	11/17/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
SRW 3BB	Pump would not start (also reported 12/15/93)	11/17/93	01/25/94
SRW 6	Discharge hose sprayed and needed replacing	01/27/93	02/09/93
	Flowmeter did not register properly and needed replacing	04/02/93	06/23/93
SRW 7	Discharge hose leaked and needed replacing	01/24/93	02/09/93
SRW 8	Pipe connection at sampling tee exit leaked	01/24/93	02/09/93
SRW 10	Sample-nipple cap missing	11/18/93	
SRW 12C	Gate valve stem and pipe connections at riser pipe elbow intake, at sampling tee to sample cock, and at sample-cock intake leaked	12/16/93	01/26/94
SRW 14A	Flowmeter leaked from bottom	01/24/93	02/09/93
	Unable to lock padlock; lock needed replacing (also noted on 12/18/93)	11/14/93	01/26/94
SRW 14C	Unable to lock padlock; lock needed replacing (also noted on 12/18/93)	11/14/93	01/26/94
SRW 15A	Discharge hose missing and needed replacing; sampling tee cracked, sprayed, and needed replacing	01/24/93	02/09/93
SRW 15B	Discharge hose missing and needed replacing	01/24/93	02/09/93
SRW 15C	Discharge hose missing and needed replacing	01/24/93	02/09/93
SSS Series, Sewage Sludge Application Sites (Sandy [Lucy] Site)			
SSS 11	Casing bent just below the surface; had to use a stick to push bailer beyond first 5 ft	08/18/93	
	Bailer would not go beyond 2.35 ft below top of casing	11/21/93	
TBG Series, TNX Burying Ground			
TBG 1	Pipe connection at sampling tee intake leaked	12/14/92	02/12/93

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
XSB 4D	Pipe connections at discharge hose intake and at flowmeter exit leaked	12/15/92	02/12/93
XSB 5A	Pipe connections at gate valve intake, at sampling tee exit, and at sampling tee to sample cock leaked; liquid-level pipe cap missing	03/05/93	03/24/93
YSC Series, Y-Area Waste Solidification and Disposal Facility			
YSC 1A	Everything except discharge hose and flowmeter missing	03/11/93	Not repaired*
YSC 1C	Gate valve stem leaked; pipe connections at sampling tee exit and at sampling tee intake leaked; gate valve, sampling tee, and nipple leaked	12/21/92	03/24/93
	Pipe connection at sampling tee to sample cock leaked	03/12/93	
YSC 2A	Gate valve stem leaked; pipe connections at gate valve exit, at gate valve intake, and at riser pipe elbow exit leaked	12/20/92	03/24/93
YSC 4C	Gate valve stem leaked; pipe connections at sampling tee exit and at sampling tee intake leaked	12/20/92	03/24/93
Z Series, F Area and H Area			
Z 3	Obstruction at ~33 ft	09/11/93	
	Obstruction at ~20.24 ft prevented depth to water measurement	12/12/93	
Z 8	Sample-nipple cap missing	03/13/93	
	Concrete pad missing; protective post needed replacing	09/11/93	
Z 9	No well pad	03/15/93	
Z 15	Obstruction at ~31 ft; concrete pad missing	09/11/93	
	Obstruction at ~31.12 ft prevented depth to water measurement	12/12/93	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
Z 17	Sample-nipple cap missing	03/13/93	
	Concrete pad missing	09/11/93	
Z 18	Concrete pad missing	09/11/93	
Z 19	Concrete pad missing	09/11/93	
Z 20	Concrete pad missing	09/11/93	
ZW Series, F Area and H Area			
ZW 1A	Entire sampling assemblage and pump missing	12/23/92	
	Concrete pad missing	09/04/93	
ZW 2	No well pad	03/16/92	
	Concrete pad missing	09/11/93	
ZW 3	No well pad	03/16/92	
	Concrete pad missing	09/11/93	
ZW 4	Well casing too high for bailing	12/23/92	
	Concrete pad missing	09/11/93	
	Concrete pad missing; top of casing 4.52 ft above ground surface	12/28/93	
ZW 5	Well casing too high for bailing	12/23/92	
	No well pad	03/16/93	
	Concrete pad missing; top of casing needed to be lowered to no more than 2.5 ft above ground surface	09/11/93	
	Concrete pad missing; top of casing 4.49 ft above ground surface	12/28/93	
ZW 6	No well pad	03/16/92	
	Concrete pad missing	09/11/93	
ZW 7	No well pad	03/15/92	

WELL MAINTENANCE

Table 2. Well Maintenance Problems During 1993 (cont.)

<u>Well Name</u>	<u>Maintenance Problem</u>	<u>Date Requested</u>	<u>Date Corrected</u>
	Concrete pad missing	09/11/93	
ZW 8	No cap on well	03/13/92	
	No well pad	03/20/93	
	Concrete pad missing	09/11/93	
ZW 10	No well pad	03/16/92	

4. WELL CONSTRUCTION

The primary source of data for this section is the SRS Monitoring Well Installation Report. Secondary sources include the following:

- SCDHEC Water Well Record
- Monitoring Well Construction Diagram (see figure 2)
- Field Geologic Log
- Daily Activities Report
- Well Development Report
- Sirrine Design Sheet
- Soil Boring Log
- Sirrine Casing Tally

Rust, Environment, & Infrastructure, Inc. (REI), of Aiken, SC; WSRC; Atlanta Testing & Engineering (AT&E) of Columbia, SC; and Metcalf & Eddy, Inc., of Aiken (the oversight groups) maintained these reports. Environmental Monitoring and Testing Corporation (EMTC) of New Ellenton, SC; Graves Environmental & Geotechnical Services (GEGS) of Jackson, SC; and Environmental Drilling & Services, Inc. (ED&S), of New Ellenton, conducted drilling activities.

Although the **Well Construction** section gathers data from these sources, it does not attempt to replace the original records, which include more detailed information. The original records can be found in the EPD/EMS Groundwater Monitoring Library.

Geologic characteristics were logged as noted for each well. Some wells do not have information about geologic characteristics because logging usually is done only for the deepest well in a cluster. Wireline coring is the method most often used to determine lithologic and hydrologic characteristics of subsurface sediments. For most boreholes logged this way, the drillers set a temporary surface casing as a guide for the core barrel used in wireline coring. The drillers use the mud-rotary method

Figure 2. Well Construction Diagram

WELL CONSTRUCTION

to drill the first stage of the borehole, then set the temporary casing and begin wireline coring. Consequently, wireline coring begins below ground surface for these wells.

All depths and measurements given under Placement in this section are from ground level. Most casings were cut off at 2.5 ft above ground level after installation. However, because of construction activities, the final distances between top of casing and ground level vary. The actual distances between top of casing and ground level will be reported in the **Surveying** section as surveying data are received. The length of the sump includes the sump cap. All pump placements are measured from ground level to the top of the pump. The well installation date for the quarterly report usually is determined by the pump installation date. CS stands for carbon steel, SS stands for stainless steel, and PVC stands for polyvinyl chloride.

ASB WELL SERIES

Savannah River Laboratory (SRL) Seepage Basins

Six replacement wells and one new monitoring well were installed in the **ASB Series** (Figure A-16). Wells ASB 2AR, 2CR, 3AR, 3CR, 5AR, and 10CR were installed as replacement wells. Well ASB 5C was installed as an additional monitoring well. Geophysical and lithological logs are available for wells ASB 2CR and 5C. Geophysical logs are available for wells ASB 3CR and 10CR. The acceptance date for all ASB Series wells was 8/4/93.

ASB 2AR

The borehole was drilled by the mud-rotary method from 0 to 140.0 ft. The first replacement well was abandoned 2/12/93 because of a broken screen. Drilling for the second replacement well began 2/10/93; grouting was completed 2/12/93; the pump was installed 3/16/93. The total depth of the borehole is 140.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	115.5	0-113.0
Screen	4" 0.015"-slot PVC	19.9	113.0-132.9
Sump	4" PVC	5.5	132.9-138.4
Pump	4" Grundfos 10S05-9	-	127.5

ASB 2CR

The borehole was drilled with a wing bit from 0 to 10.0 ft and wireline cored from 10.0 to 378.0 ft. The well was reamed with a wing bit from 0 to 190.0 ft and sampled by the pitcher barrel method from 208.0 ft to 211.0 ft and from 225.0 ft to 228.0 ft. It was backfilled from 378.0 to 188.0 ft. Drilling began 12/9/92; grouting was completed 1/4/93; the pump was installed 3/16/93. The total depth of the borehole is 378.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	172.5	0-170.0
Screen	4" 0.015"-slot PVC	10.0	170.0-180.0
Sump	4" PVC	6.7	180.0-186.7
Pump	4" Grundfos 10S05-9	-	177.5

WELL CONSTRUCTION

ASB 3AR

The borehole was drilled by the mud-rotary method from 0 to 130.0 ft. Drilling began 1/19/93; grouting was completed 1/22/93; the pump was installed 3/15/93. The total depth of the borehole is 130.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	98.5	0-96.0
Screen	4" 0.015"-slot PVC	20.0	96.0-116.0
Sump	4" PVC	5.5	116.0-121.5
Pump	4" Grundfos 10S05-9	-	113.5

ASB 3CR

The borehole was drilled by the mud-rotary method from 0 to 200.0 ft. Drilling began 1/14/93; grouting was completed 1/22/93; the pump was installed 3/15/93. The total depth of the borehole is 200.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	157.5	0-155.0
Screen	4" 0.015"-slot PVC	10.0	155.0-165.0
Sump	4" PVC	6.0	165.0-171.0
Pump	4" Grundfos 10S05-9	-	160.5

ASB 5AR

The borehole was drilled by the mud-rotary method from 0 to 130.0 ft. Drilling began 1/28/93; grouting was completed 2/1/93; the pump was installed 3/16/93. The total depth of the borehole is 130.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	103.2	0-100.7
Screen	4" 0.015"-slot PVC	20.0	100.7-120.7
Sump	4" PVC	5.5	120.7-126.2
Pump	4" Grundfos 10S05-9	-	117.5

ASB 5C

The borehole was drilled with a wing bit from 0 to 10.0 ft and wireline cored from 10.0 to 375.0 ft. Shelby tubes were pushed at 282.0 to 284.0 ft. The hole was backfilled from 375.0 to 200.0 ft. Drilling began 12/28/92; grouting was completed 1/19/93; the pump was installed 3/16/93. The total depth of the borehole is 375.0 ft from ground level.

WELL CONSTRUCTION

ASB 5C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	172.2	0-169.7
Screen	4" 0.015"-slot PVC	10.0	169.7-179.7
Sump	4" PVC	6.0	179.7-185.7
Pump	4" Grundfos 10S05-9	-	174.5

ASB 10CR

The borehole was drilled by the mud-rotary method from 0 to 200.0 ft. Drilling began 1/22/93; grouting was completed 2/1/93; the pump was installed 3/16/93. The total depth of the borehole is 200.0 ft.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	167.5	0-165.0
Screen	4" 00.015"-slot PVC	10.0	165.0-175.0
Sump	4" PVC	5.5	175.0-180.5
Pump	4" Grundfos 10S05-9	-	170.5

DBP WELL SERIES

D-Area Burning/Rubble Pits

One new monitoring well was installed in the **DBP Series** (figure A-33) in support of the RFI/RI Phase II Characterization. The acceptance date for this well is not available.

DBP 5

The borehole was drilled from 0 to 42.5 ft. Drilling began 6/25/93; grouting was completed 6/28/93; the pump was installed 11/19/93. The total depth of the borehole is 42.5 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	19.8	0-16.5
Screen	2" 0.015"-slot PVC	20.0	16.5-36.5
Sump	2" PVC	5.3	36.5-41.8
Pump	2" Grundfos Rediflo 2	-	33.5

FBP WELL SERIES

F-Area Burning/Rubble Pits

Nine new monitoring wells were installed in the **FBP Series** (figure A-4) to support the RFI/RI Phase II Characterization. Drilling and sampling methods are noted under each well. The acceptance date for the FBP Series wells was 11/18/93.

WELL CONSTRUCTION

FBP 5D

The borehole was drilled by the hollow-stem auger method from 0 to 103.0 ft. Sampling was by split spoon from 75.0 to 97.0 ft. Drilling began 5/28/93; grouting was completed 6/15/93; the pump was installed 7/29/93. The total depth of the borehole is 103.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	80.0	0-77.5
Screen	2" 0.016"-slot PVC	20.0	77.5-97.5
Sump	2" PVC	5.4	97.5-102.9
Pump	2" Grundfos Rediflo 2	-	94.8

FBP 6D

The borehole was drilled by the mud-rotary method from 0 to 116.0 ft. Sampling was by split spoon from 78.0 to 80.0 ft. Drilling began 5/25/93; grouting was completed 6/1/93; the pump was installed 9/29/93. The total depth of the borehole is 116.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	91.5	0-89.0
Screen	2" 0.016"-slot PVC	20.0	89.0-109.0
Sump	2" PVC	5.4	109.0-114.4
Pump	2" Grundfos Rediflo 2	-	106.9

FBP 7D

The borehole was drilled by the hollow-stem auger method from 0 to 82.0 ft and by the mud-rotary method from 82.0 to 116.0 ft. Sampling was by split spoon from 66.0 to 84.0 ft and by wireline coring from 82.0 to 90.0 ft. Drilling began 6/8/93; grouting was completed 6/17/93. The total depth of the borehole is 116.0 ft from ground level. No pump was installed.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	91.5	0-89.0
Screen	2" 0.016"-slot PVC	20.0	89.0-109.0
Sump	2" PVC	5.4	109.0-114.4

FBP 8D

The borehole was drilled by the hollow-stem auger method from 0 to 82.0 ft and by the mud-rotary method from 82.0 to 121.0 ft. Sampling was by split spoon from 80.0 to 84.0 ft and by wireline coring from 82.0 to 95.0 ft. Drilling began 6/11/93; grouting was completed 6/18/93; the pump was installed 7/28/93. The total depth of the borehole is 121.0 ft from ground level.

WELL CONSTRUCTION

FBP 8D (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	95.5	0-93.0
Screen	2" 0.016"-slot PVC	20.0	93.0-113.0
Sump	2" PVC	5.4	113.0-118.4
Pump	2" Grundfos Rediflo 2	-	110.8

FBP 9D

The borehole was drilled by the hollow-stem auger method from 0 to 72.0 ft and by the mud-rotary method from 72.0 to 112.0 ft. Sampling was by split spoon from 65.0 to 74.0 ft and by wireline coring from 72.0 to 84.0 ft. Drilling began 6/1/93; grouting was completed 6/15/93; the pump was installed 7/29/93. The total depth of the borehole is 112.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	86.5	0-84.0
Screen	2" 0.016"-slot PVC	20.0	84.0-104.0
Sump	2" PVC	5.4	104.0-109.4
Pump	2" Grundfos Rediflo 2	-	101.9

FBP 10D

The borehole was drilled by the hollow-stem auger method from 0 to 108.5 ft. Sampling was by split spoon from 65.0 to 87.0 ft. Drilling began 5/27/93; grouting was completed 6/7/93. The total depth of the borehole is 108.5 ft from ground level. No pump was installed.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	85.5	0-83.0
Screen	2" 0.016"-slot PVC	20.0	83.0-103.0
Sump	2" PVC	5.4	103.0-108.4

FBP 11D

The borehole was drilled by the hollow-stem auger method from 0 to 67.0 ft and by the mud-rotary method from 67.0 to 101.0 ft. Sampling was by split spoon from 63.0 to 67.0 ft and by wireline coring from 66.0 to 78.0 ft. Drilling began 5/27/93; grouting was completed 6/8/93. The total depth of the borehole is 101.0 ft from ground level. No pump was installed.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	77.7	0-75.2
Screen	2" 0.016"-slot PVC	20.1	75.2-95.3
Sump	2" PVC	5.3	95.3-100.6

WELL CONSTRUCTION

FBP 12D

The borehole was drilled by the mud-rotary method from 0 to 114.0 ft. Sampling was by split spoon from 73.0 to 79.0 ft and by wireline coring from 77.0 to 87.0 ft. Drilling began 6/30/93; grouting was completed 7/6/93; the pump was installed 7/28/93. The total depth of the borehole is 114.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	88.5	0-86.0
Screen	2" 0.016"-slot PVC	20.0	86.0-106.0
Sump	2" PVC	5.4	106.0-111.4
Pump	2" Grundfos Rediflo 2	-	102.7

FBP 13D

The borehole was drilled by the hollow-stem auger method from 0 to 91.0 ft and by the mud-rotary method from 91.0 to 130.0 ft. Sampling was by split spoon from 79.0 to 91.0 ft. Drilling began 7/6/93; grouting was completed 7/12/93. The total depth of the borehole is 130.0 ft from ground level. No pump was installed.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	105.5	0-103.0
Screen	2" 0.016"-slot PVC	20.0	103.0-123.0
Sump	2" PVC	5.5	123.0-128.5

MHM WELL SERIES

Geophysical Test Holes for the Horizontal Well Characterization Study in M Area

Three additional piezometers with flow sensors were installed at the M-Area Integrated Demonstration Site (figure A-18). All new wells were drilled by the hollow-stem auger method. Since these are piezometers, no pumps were required. No geophysical or lithological logging was performed. The acceptance date for these wells was 3/29/93.

MHM 22

The borehole was drilled from 0 to 165.0 ft. Drilling began 3/26/93; grouting was completed 3/29/93. The total depth of the borehole is 165.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1¼" PVC	166.0	0-166.0
Screen	N/A	N/A	N/A
Sump	N/A	N/A	N/A

WELL CONSTRUCTION

MHM 23

The borehole was drilled from 0 to 163.8 ft. Drilling began 3/23/93; grouting was completed 3/29/93. The total depth of the borehole is 163.8 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	165.0	0-164.0
Screen	N/A	N/A	N/A
Sump	N/A	N/A	N/A

MHM 24

The borehole was drilled from 0 to 155.0 ft. Drilling began 3/25/93; grouting was completed 3/29/93. The total depth of the borehole is 155.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	156.0	0-155.0
Screen	N/A	N/A	N/A
Sump	N/A	N/A	N/A

MHV WELL SERIES

Vapor Probes Adjacent to the Horizontal Wells in M Area

Forty-one new special wells in the **MHV Series** were installed for the Horizontal Well Characterization Study for M Area (figure A-18). All new wells were drilled by the hollow-stem auger method. Because these are special wells, they do not require pumps. Most of the wells were installed as vapor probes. Wells MHV 20T, 21T, 22T, 23T, 24T, 25T, 26T, 27T, 28T, and 29T were installed with fiberoptic temperature sensors. Geophysical logging was conducted on well MHV 8 only. Lithologies were logged for MHV 20A, 20B, 20C, 21A, 21B, 21C, 22A, 22B, 22C, 23A, 23B, 23C, 24A, 24B, 24C, 25A, 25B, 25C, 26A, 26B, 26C, 27A, 27B, 27C, 28A, 28B, 28C, 29A, 29B, and 29C. Acceptance dates are not available for any of these wells.

MHV 8

The borehole was drilled from 0 to 145.0 ft. Drilling began 4/6/92; grouting was completed 4/10/92. The total depth of the borehole is 145.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	36.8	0-34.3
Screen	4" 0.010"-slot PVC	2.3	34.3-36.6
Casing	4" PVC	17.3	36.6-53.9
Screen	4" 0.010"-slot PVC	2.3	53.9-56.2

WELL CONSTRUCTION

MHV 8 (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	5.0	56.2-61.2
Screen	4" 0.010"-slot PVC	2.3	61.2-63.5
Casing	4" PVC	9.0	63.5-72.5
Screen	4" 0.010"-slot PVC	2.3	72.5-74.8
Screen	4" 0.010"-slot PVC	2.3	72.5-74.8
Casing	4" PVC	14.0	74.8-88.8
Screen	4" 0.010"-slot PVC	2.2	88.8-91.0
Casing	4" PVC	12.0	91.0-103.0
Screen	4" 0.010"-slot PVC	2.3	103.0-105.3
Casing	4" PVC	8.9	105.3-114.2
Screen	4" 0.010"-slot PVC	2.3	114.2-116.5
Bottom plug	4" PVC	0.5	116.5-117.0

MHV 20A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/16/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.4	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.02	52.9

MHV 20B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/16/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 20C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/16/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 20C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.8	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 20T

The borehole was drilled from 0 to 63.0 ft. Drilling began 1/19/93; grouting was completed 1/22/93. The total depth of the borehole is 63.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	60.1	0-55.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 21A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/11/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.5	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.02	52.9

MHV 21B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/11/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 21C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/11/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 21C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 21T

The borehole was drilled from 0 to 68.0 ft. Drilling began 1/15/93; grouting was completed 1/22/93. The total depth of the borehole is 68.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	65.1	0-62.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 22A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/18/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.5	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.02	52.9

MHV 22B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/18/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.7	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 22C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/18/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 22C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 22T

The borehole was drilled from 0 to 63.0 ft. Sampling was conducted by split spoon from 19.0 to 56.0 ft. Drilling began 1/18/93; grouting was completed 1/22/93. The total depth of the borehole is 63.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	60.1	0-55.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 23A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/19/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.5	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.03	52.9

MHV 23B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/19/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 23C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/19/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 23C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.6	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.04	32.9

MHV 23T

The borehole was drilled from 0 to 63.0 ft. Drilling began 1/19/93; grouting was completed 1/22/93. The total depth of the borehole is 63.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	60.1	0-55.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 24A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/17/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.4	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.03	52.9

MHV 24B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/17/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 24C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/17/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 24C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.04	32.9

MHV 24T

The borehole was drilled from 0 to 68.0 ft. Drilling began 1/15/93; grouting was completed 1/22/93. The total depth of the borehole is 68.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	65.2	0-62.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 25A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/9/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.5	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.04	52.9

MHV 25B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/9/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.03	42.9

MHV 25C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/9/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 25C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 25T

The borehole was drilled from 0 to 68.0 ft. Drilling began 1/14/93; grouting was completed 1/22/93. The total depth of the borehole is 68.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	65.2	0-62.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 26A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/10/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.6	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.02	52.9

MHV 26B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/10/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.04	42.9

MHV 26C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/10/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 26C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 26T

The borehole was drilled from 0 to 53.0 ft. Drilling began 1/13/93; grouting was completed 1/22/93. The total depth of the borehole is 53.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	52.7	0-50.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 27A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/25/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.6	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.04	52.9

MHV 27B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/25/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 27C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/25/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 27C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 27T

The borehole was drilled from 0 to 58.0 ft. Drilling began 1/12/93; grouting was completed 1/22/93. The total depth of the borehole is 58.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	52.6	0-50.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 28A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/30/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.5	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.02	52.9

MHV 28B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/30/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 28C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/30/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 28C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.7	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.02	32.9

MHV 28T

The borehole was drilled from 0 to 58.0 ft. Drilling began 1/11/93; grouting was completed 1/22/93. The total depth of the borehole is 58.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	52.6	0-50.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MHV 29A

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/23/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	49.5	0-48.0
Screen	1" 0.010"-slot PVC	4.9	48.0-52.9
Bottom plug	1" PVC	0.02	52.9

MHV 29B

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/23/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	39.6	0-38.0
Screen	1" 0.010"-slot PVC	4.9	38.0-42.9
Bottom plug	1" PVC	0.02	42.9

MHV 29C

The borehole was drilled from 0 to 60.0 ft. Sampling was conducted by split spoon from 0 to 60.0 ft. Drilling began 11/23/92; grouting was completed 12/4/92. The total depth of the borehole is 60.0 ft from ground level.

WELL CONSTRUCTION

MHV 29C (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1" PVC	29.8	0-28.0
Screen	1" 0.010"-slot PVC	4.9	28.0-32.9
Bottom plug	1" PVC	0.04	32.9

MHV 29T

The borehole was drilled from 0 to 57.0 ft. Drilling began 12/1/92; grouting was completed 12/2/92. The total depth of the borehole is 57.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	52.3	0-50.0
Screen	N/A	N/A	N/A
Bottom plug	N/A	N/A	N/A

MSB WELL SERIES

M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells

Eleven new monitoring wells were installed in the **MSB Series** (figures A-15, A-17, and A-20) to support the M-Area Phase V Drilling Program. Drilling/sampling methods are noted under each well. Geophysical and lithological logging is available for wells MSB 23TR, 32B, 84A, 87B, 88B, and 89B. The acceptance date for the new MSB Series wells was 11/30/93, with the exception of MSB 84A, for which there is not yet an acceptance date.

MSB 23TR

The borehole was drilled by the mud-rotary method from 0 to 285.0 ft and reamed from 285.0 to 340.5 ft. Sampling by wireline coring was from 285.0 to 345.0 ft. The borehole was backfilled from 345.0 to 340.5 ft. Drilling began 6/2/93; grouting was completed 6/25/93; the pump was installed 7/22/93. The total depth of the borehole is 345.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Surface Casing	10 $\frac{1}{4}$ " CS	280.2	0-280.2
Casing	4" PVC	332.5	0-330.0
Screen	4" 0.015"-slot PVC	4.9	330.0-334.9
Sump	4" PVC	5.3	334.9-340.2
Pump	4" Grundfos 10S05-9	-	217.5

MSB 32B

The borehole was drilled by wireline coring from 0 to 179.0 ft and reamed by the mud-rotary method from 0 to 180.0 ft. Sampling by wireline coring was from 0 to 179.0 ft and by Shelby tube from 179.0 to 179.9 ft. The borehole was backfilled from 180.0 to 131.0 ft. Drilling began 5/12/93; grouting was completed 5/25/93; the pump was installed 9/14/93. The total depth of the borehole is 180.0 ft from ground level.

WELL CONSTRUCTION

MSB 32B (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	123.5	0-121.0
Screen	2" 0.015"-slot PVC	5.0	121.0-126.0
Sump	2" PVC	5.4	126.0-131.4
Pump	2" Grundfos Rediflo 2	-	122.5

MSB 32C

The borehole was drilled using the mud-rotary method. Sampling was by Shelby tube pushed from 88.0 to 89.1 ft. The borehole was backfilled from 89.1 to 76.2 ft. Drilling began 5/18/93; grouting was completed 6/2/93; the pump was installed 9/13/93. The total depth of the borehole is 89.1 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	67.5	0-65.0
Screen	2" 0.015"-slot PVC	4.9	65.0-69.9
Sump	2" PVC	5.4	69.9-75.3
Pump	2" Grundfos Rediflo 2	-	67.5

MSB 84A

The borehole was drilled by the mud-rotary method from 0 to 170.0 ft, cored by wireline coring from 170.0 to 219.5 ft, and sampled by Shelby tube from 219.5 to 220.2 ft. It was drilled again by the mud-rotary method from 220.2 to 222.0 ft, cored and sampled by continuous wireline coring, and reamed from 222.0 to 270.0 ft, with sampling by Shelby tube from 245.0 to 245.6 ft. The borehole was backfilled from 270.0 to 243.5 ft. Drilling began 8/25/93; grouting was completed 6/2/93; the pump was installed 10/14/93. The total depth of the borehole is 270.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Surface Casing	10" CS	220.0	0-220.0
Casing	4" PVC	232.5	0-230.0
Screen	4" 0.015"-slot PVC	4.9	230.0-234.9
Sump	4" PVC	5.5	234.9-240.4
Pump	4" Grundfos 10S05-9	-	232.0

MSB 87B

The borehole was drilled by wireline coring from 0 to 233.5 ft and reamed by the mud-rotary method from 0 to 215.0 ft. Sampling was by wireline coring from 0 to 233.5 ft and by Shelby tube pushed from 75.0 to 77.2 ft and from 233.5 to 234.5 ft. The borehole was backfilled from 234.5 to 172.8 ft. Drilling began 5/20/93; grouting was completed 6/2/93; the pump was installed 9/13/93. The total depth of the borehole is 234.5 ft from ground level.

WELL CONSTRUCTION

MSB 87B (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	162.4	0-159.9
Screen	2" 0.015"-slot PVC	5.0	159.9-164.9
Sump	2" PVC	5.4	164.9-170.3
Pump	2" Grundfos Rediflo 2	-	162.5

MSB 87C

The borehole was drilled by the mud-rotary method from 0 to 133.0 ft. Sampling was by Shelby tube pushed from 133.0 to 134.5 ft. The borehole was backfilled from 134.5 to 101.0 ft. Drilling began 5/27/93; grouting was completed 6/2/93; the pump was installed 9/13/93. The total depth of the borehole is 134.5 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	90.5	0-88.0
Screen	2" 0.015"-slot PVC	5.0	88.0-93.0
Sump	2" PVC	5.3	93.0-98.3
Pump	2" Grundfos Rediflo 2	-	92.5

MSB 88B

The borehole was drilled by the mud-rotary method from 0 to 181.0 ft and by wireline coring from 10.0 to 180.0 ft. Sampling was by wireline coring from 10.0 to 180.0 ft and by Shelby tube pushed from 180.0 to 181.2 ft. The borehole was backfilled from 181.2 to 171.0 ft. Drilling began 5/18/93; grouting was completed 5/26/93; the pump was installed 10/5/93. The total depth of the borehole is 181.2 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	162.5	0-160.0
Screen	2" 0.015"-slot PVC	5.0	160.0-165.0
Sump	2" PVC	5.3	165.0-170.3
Pump	2" Grundfos Rediflo 2	-	167.0

MSB 88C

The borehole was drilled by the mud-rotary method from 0 to 119.5 ft. Sampling was by Shelby tube pushed from 118.5 to 119.4 ft. The borehole was backfilled from 119.5 to 117.0 ft. Drilling began 5/24/93; grouting was completed 5/26/93; the pump was installed 10/8/93. The total depth of the borehole is 119.5 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	110.5	0-108.0
Screen	2" 0.015"-slot PVC	5.0	108.0-113.0
Sump	2" PVC	5.3	113.0-118.3
Pump	2" Grundfos Rediflo 2	-	116.0

WELL CONSTRUCTION

MSB 88D

The borehole was drilled by the mud-rotary method from 0 to 73.0 ft and was backfilled from 73.0 to 50.5 ft. Drilling began 5/25/93; grouting was completed 5/26/93; the pump was installed 10/5/93. The total depth of the borehole is 73.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	25.2	0-22.7
Screen	2" 0.015"-slot PVC	20.1	22.7-42.8
Sump	2" PVC	5.3	42.8-48.1
Pump	2" Grundfos Rediflo 2	-	46.0

MSB 89B

The borehole was drilled by the mud-rotary method from 0 to 187.0 ft. Sampling was by wireline coring from 10.0 to 240.0 ft and by Shelby tube pushed from 240.0 to 241.7 ft. The borehole was backfilled from 241.7 to 187.0 ft. Drilling began 5/27/93; grouting was completed 6/8/93; the pump was installed 10/18/93. The total depth of the borehole is 241.7 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	177.5	0-175.3
Screen	2" 0.015"-slot PVC	5.0	175.3-180.3
Sump	2" PVC	5.3	180.3-185.6
Pump	2" Grundfos Rediflo 2	-	183.0

MSB 89C

The borehole was drilled by the mud-rotary method from 0 to 126.0 ft. Sampling was by Shelby tube pushed from 126.0 to 128.0 ft. The borehole was backfilled from 128.0 to 120.4 ft. Drilling began 6/3/93; grouting was completed 6/8/93; the pump was installed 10/18/93. The total depth of the borehole is 128.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	117.5	0-115.0
Screen	2" 0.015"-slot PVC	5.0	115.0-120.0
Sump	2" PVC	5.3	120.0-125.3
Pump	2" Grundfos Rediflo 2	-	123.0

MVE WELL SERIES

M-Area Vadose Zone Characterization Wells

Four new vapor extraction wells were installed (figure A-17). All were drilled by the hollow-stem auger method, and lithologies were logged for each well. Pumps were not required for these wells. The acceptance date for all MVE Series wells was 11/29/93.

WELL CONSTRUCTION

MVE 5

The borehole was drilled from 0 to 119.0 ft and reamed from 0 to 110.0 ft. Drilling began 8/20/93; grouting was completed 9/3/93. The total depth of the borehole is 119.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" Steel	46.4	0-43.9
Screen	5" 0.010"-slot SS	65.5	43.9-109.4
Sump	5" Steel	0.10	109.4-109.5

MVE 6

The borehole was drilled from 0 to 119.0 ft and reamed from 0 to 110.0 ft. Drilling began 8/27/93; grouting was completed 9/8/93. The total depth of the borehole is 119.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" Steel	44.5	0-43.6
Screen	5" 0.010"-slot SS	65.5	43.6-109.1
Sump	5" Steel	0.03	109.07-109.1

MVE 7

The borehole was drilled, with grab samples taken, from 0 to 106.2 ft. Drilling began 9/3/93; grouting was completed 9/9/93. The total depth of the borehole is 106.2 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" Steel	43.1	0-40.6
Screen	5" 0.010"-slot SS	65.6	40.6-106.2
Sump	4" Steel	0.03	106.17-106.2

MVE 8

The borehole was drilled, with grab samples taken, from 0 to 113.0 ft and reamed from 0 to 110.0 ft. Drilling began 8/18/93; grouting was completed 9/3/93. The total depth of the borehole is 113.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" Steel	48.1	0-45.6
Screen	5" 0.010"-slot SS	65.4	45.6-111.0
Sump	5" Steel	0.03	111.0-111.03

WELL CONSTRUCTION

P [26] WELL SERIES

TNX-Area Background Wells

Three additional wells were added to the P [26] Series (figure A-32) to support the TNX Oversight Project. All were drilled by the mud-rotary method. Geophysical logging was performed only for P 26AI. No pumps were installed in these wells. The acceptance dates for well P 26MA and for wells P 26AI and P 26MB were 12/1/93 and 12/2/93, respectively.

P 26AI

The borehole was drilled from 0 to 155.0 ft. Drilling began 12/30/92; grouting was completed 1/6/93. The total depth of the borehole is 155.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	6.5" PVC	100.0	0-92.9
Screen	6.5" 0.020"-slot PVC	51.6	92.9-144.5
Sump	6.5" PVC	5.5	144.5-150.0

P 26MA

The borehole was drilled from 0 to 158.0 ft. Drilling began 12/9/92; grouting was completed 12/21/92. The total depth of the borehole is 158.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Surface Casing	10" Steel	84.8	0-83.0
Casing	4 5/8" PVC	156.1	0-150.0
Screen	4 5/8" 0.020"-slot PVC	50.1	93.9-144.0
Sump	4 5/8" PVC	5.0	144.0-149.0

P 26MB

The borehole was drilled from 0 to 154.0 ft. Drilling began 12/18/92; grouting was completed 1/6/93. The total depth of the borehole is 154.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Surface Casing	10" Steel	85.8	0-84.0
Casing	4 5/8" PVC	156.0	0-150.0
Screen	4 5/8" 0.020"-slot PVC	50.0	94.0-144.0
Sump	4 5/8" PVC	5.0	144.0-149.0

RWM WELL SERIES

M-Area Recovery Wells

Four new recovery wells in the RWM Series (figure A-16) were installed in support of the A/M Area Northern Sector Project. Geophysical and lithological logging information is available for wells RWM 13B and 14B. The acceptance date for the new RWM Series wells was 11/23/93.

WELL CONSTRUCTION

RWM 13B

The borehole was drilled by the mud-rotary method from 0 to 10.0 ft and by wireline coring from 10.0 to 258.0 ft. It then was reamed from 10.0 to 258.0 ft. Sampling was by wireline coring from 10.0 to 258.0 ft. The borehole was backfilled from 258.0 to 227.5 ft. Drilling began 8/9/93; grouting was completed 8/19/93. The total depth of the borehole is 258.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	6" CS	197.5	0-195.0
Screen	6" 0.020"-slot SS	25.2	195.0-220.2
Sump	6" SS	5.2	220.2-225.4

RWM 13C

The borehole was drilled by the mud-rotary method from 0 to 185.5 ft. Drilling began 8/19/93; grouting was completed 8/26/93. The total depth of the borehole is 185.5 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	6" CS	162.5	0-160.0
Screen	6" 0.020"-slot SS	20.1	160.0-180.1
Sump	6" SS	5.2	180.1-185.3

RWM 14B

The borehole was drilled by the mud-rotary method from 0 to 10.0 ft and by wireline coring from 10.0 to 247.0 ft. It then was reamed from 0 to 247.0 ft. Sampling was by wireline coring from 10.0 to 247.0 ft. The borehole was backfilled from 247.0 to 231.9 ft. Drilling began 7/16/93; grouting was completed 8/3/93. The total depth of the borehole is 247.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	6" CS	202.5	0-200.0
Screen	6" 0.020"-slot SS	25.3	200.0-225.3
Sump	6" SS	5.2	225.3-230.5

RWM 14C

The borehole was drilled by the mud-rotary method from 0 to 180.5 ft. Drilling began 7/30/93; grouting was completed 8/6/93. The total depth of the borehole is 180.5 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	6" CS	157.5	0-155.0
Screen	6" 0.020"-slot SS	20.1	155.0-175.1
Sump	6" SS	5.3	175.1-180.4

WELL CONSTRUCTION

SRW WELL SERIES

Silverton Road Waste Site

Nine new monitoring wells were installed in the SRW Series (figure A-19). All were drilled by the mud-rotary method. Geophysical and lithological logging were obtained by wireline coring at holes approximately 15 ft from the boreholes for wells SRW 1BB, 3BB, 4BB, 8BB, 10BB, and 17C. Geophysical logging only is available for SRW 1BB and 11BB. Lithological logging only is available for SRW 17BB. No acceptance date for these SRW Series wells was available.

SRW 1BB

The borehole was drilled by the mud-rotary method from 0 to 201.0 ft. The depth of the sampling core hole is 201.0 ft. Drilling began 9/22/93; grouting was completed on 9/28/93; the pump was installed 10/29/93. The total depth of the borehole is 201.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	187.5	0-185.0
Screen	4" 0.015"-slot PVC	10.0	185.0-195.0
Sump	4" PVC	5.6	195.0-200.6
Pump	4" Grundfos 10S05-9	-	182.5

SRW 3BB

The borehole was drilled by the mud-rotary method from 0 to 217.0 ft. The depth of the sampling core hole is 340.0 ft. Drilling began 9/16/93; grouting was completed on 9/23/93; the pump was installed 10/29/93. The total depth of the borehole is 217.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	202.5	0-200.0
Screen	4" 0.015"-slot PVC	10.1	200.0-210.1
Sump	4" PVC	5.5	210.1-215.6
Pump	4" Grundfos 10S05-9	-	197.5

SRW 4BB

The borehole was drilled by the mud-rotary method from 0 to 203.0 ft and sampled by Shelby tube from 143.0 to 145.5 ft. The depth of the sampling core hole is 350.0 ft. Drilling began 8/4/93; grouting was completed on 8/20/93; the pump was installed 11/1/93. The total depth of the borehole is 203.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	187.0	0-184.5
Screen	4" 0.010"-slot PVC	10.1	184.5-194.6
Sump	4" PVC	5.4	194.6-200.0
Pump	4" Grundfos 10S05-9	-	181.5

WELL CONSTRUCTION

SRW 8BB

The borehole was drilled by the mud-rotary method from 0 to 173.0 ft and sampled by Shelby tube from 137.0 to 139.5 ft. The depth of the sampling core hole is 330.0 ft. Drilling began 9/9/93; grouting was completed on 9/15/93; the pump was installed 11/3/93. The total depth of the borehole is 173.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	159.5	0-157.0
Screen	4" 0.015"-slot PVC	10.1	157.0-167.1
Sump	4" PVC	5.5	167.1-172.6
Pump	4" Grundfos 10S05-9	-	153.5

SRW 10BB

The borehole was drilled by the mud-rotary method from 0 to 192.0 ft. The depth of the sampling core hole is 330.0 ft. Drilling began 9/14/93; grouting was completed on 9/16/93; the pump was installed 10/29/93. The total depth of the borehole is 192.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	176.5	0-174.0
Screen	4" 0.015"-slot PVC	10.1	174.0-184.1
Sump	4" PVC	5.5	184.1-189.6
Pump	4" Grundfos 10S05-9	-	171.5

SRW 11BB

The borehole was drilled by the mud-rotary method from 0 to 185.0 ft. Drilling began 9/27/93; grouting was completed on 9/30/93; the pump was installed 10/29/93. The total depth of the borehole is 185.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	167.5	0-165.0
Screen	4" 0.015"-slot PVC	10.0	165.0-175.0
Sump	4" PVC	5.5	175.0-180.5
Pump	4" Grundfos 10S05-9	-	162.5

SRW 17BB

The borehole was drilled by the mud-rotary method from 0 to 220.0 ft. The depth of the sampling core hole is 335.0 ft. Drilling began 8/25/93; grouting was completed 9/2/93; the pump was installed 11/1/93. The total depth of the borehole is 220.0 ft from ground level.

WELL CONSTRUCTION

SRW 17BB (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	4" PVC	201.5	0-199.0
Screen	4" 0.015"-slot PVC	10.1	199.0-209.1
Sump	4" PVC	5.3	209.1-214.4
Pump	4" Grundfos 10S05-9	-	196.5

SRW 17C

The borehole was drilled by the mud-rotary method from 0 to 187.0 ft and sampled by Shelby tube from 163.0 to 165.5 ft. Drilling began 9/2/93; grouting was completed 9/13/93; the pump was installed 11/3/93. The total depth of the borehole is 187.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	172.5	0-170.0
Screen	2" 0.015-slot PVC	10.1	170.0-180.1
Sump	2" PVC	5.4	180.1-185.5
Pump	2" Grundfos Rediflo 2	-	167.5

SRW 17D

The borehole was drilled by the mud-rotary method from 0 to 138.0 ft. Drilling began 8/30/93; grouting was completed 9/3/93. The total depth of the borehole is 138.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	2" PVC	113.5	0-111.0
Screen	2" 0.010-slot PVC	20.0	111.0-131.0
Sump	2" PVC	5.4	131.0-136.4

TMF WELL SERIES

Geophysical Test Holes for the Integrated Demonstration Site in TNX Area

Two additional test holes were installed in the **TMF Series** (figure A-32) as part of the TNX Oversight Project. Each contained a thermal sensor probe. Both were drilled by the hollow-stem auger method. Neither has a screen, sump, or pump. No geophysical or lithological logging was performed on either well. TMF 1B had an acceptance date of 11/30/93, while TMF 2B had an acceptance date of 12/1/93.

TMF 1B

The borehole was drilled by the hollow-stem auger method from 0 to 118.0 ft. Drilling began 12/3/92; grouting was completed 12/15/92. The total depth of the borehole is 118.0 ft from ground level.

WELL CONSTRUCTION

TMF 1B (cont.)

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1.25" PVC	116.8	0-112.0
Pipe	7/8" Aluminum	0.5	112.0-112.5
Probe	2" Thermal sensor	2.5	112.5-115.0

TMF 2B

The borehole was drilled by the hollow-stem auger method from 0 to 116.0 ft. Drilling began 11/30/92; grouting was completed 12/15/92. The total depth of the borehole is 116.0 ft from ground level.

<u>Item</u>	<u>Type</u>	<u>Length (ft)</u>	<u>Placement (ft)</u>
Casing	1.25" PVC	114.5	0-111.5
Pipe	7/8" Aluminum	0.5	111.5-112.0
Probe	2" Thermal sensor	2.5	112.0-114.5

Notes

5. WELL STABILIZATION

Because the water in a newly installed well may be influenced by the grout, pH and specific conductance tests were performed for the following wells in 1993. Measurements were made on the first water withdrawn from the well and at one-well-volume intervals until stabilization. Wells were pumped unless otherwise noted.

ASB 2AR

Date: 05/08/93

One well volume = 11.8 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.2	272	20.5	24.5	
1	5.7	68	19.5	31.4	
2	5.8	72	19.2	62.2	
3	5.8	81	19.1	46.9	
4	5.7	79	19.2	27.4	
5	5.7	78	19.3	16.0	
6	5.7	78	19.9	5.0	
7	5.7	78	19.4	4.6	
8	5.7	78	19.3	10.0	
9	5.7	77	19.3	6.4	
10	5.7	78	19.3	5.2	
11	5.7	78	19.4	4.7	
12	5.7	77	19.4	3.7	
13	5.7	77	19.4	3.2	
14	5.7	77	19.3	2.9	

ASB 2CR

Date: 05/08/93

One well volume = 32.6 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.5	269	19.5	11.2	
1	6.9	230	19.5	17.9	
2	6.8	196	19.7	29.1	
3	6.7	188	19.6	24.9	
4	6.7	184	19.7	22.0	
5	6.6	174	19.7	19.4	
6	6.5	160	20.3	12.8	

WELL STABILIZATION

ASB 2CR (cont.)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Turbidity</u>	<u>Comments</u>
7	6.5	158	19.9	12.0	
8	6.5	154	19.8	10.7	
9	6.4	140	21.5	6.9	
10	6.4	139	20.3	7.4	
11	6.4	137	20.1	6.7	

ASB 3AR

Date: 05/08/93

One well volume = 10.4 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.1	296	19.8	5.5	
1	5.9	80	19.6	50.9	
2	5.8	77	19.7	172.0	
3	5.7	68	20.4	1.1	
4	5.6	66	20.2	0.9	
5	5.6	65	20.3	1.0	

ASB 3CR

Date: 05/08/93

One well volume = 31.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.1	273	23.8	8.2	
1	6.1	102	20.5	6.9	
2	6.0	95	20.4	1.8	
3	5.9	89	20.0	10.7	
4	5.8	87	19.9	8.1	
5	5.8	85	19.6	1.9	
6	5.8	85	19.9	1.2	
7	5.8	84	19.9	1.2	

ASB 5C

Date: 05/08/93

One well volume = 37.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. ($\mu\text{S/cm}$)</u>	<u>Water Temp. ($^{\circ}\text{C}$)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.3	206	22.1	4.6	
1	6.6	110	20.2	457.0	

WELL STABILIZATION

ASB 5C (cont.)

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
2	6.6	100	20.7	184.0	
3	6.5	96	20.1	123.0	
4	6.4	89	20.0	46.8	
5	6.3	84	20.2	16.8	
6	6.1	82	20.6	13.9	
7	5.9	73	20.7	8.9	
8	5.9	72	20.0	7.5	
9	5.9	71	19.8	6.7	
10	5.8	70	19.8	6.2	
11	5.9	70	20.0	8.8	
12	5.8	68	19.6	8.4	
13	5.8	69	19.6	6.8	
14	5.8	68	19.5	6.5	
15	5.8	67	19.5	5.8	

ASB 10CR

Date: 05/08/93

One well volume = 33.5 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.1	301	24.3	1.9	
1	5.7	90	19.9	3.1	
2	5.5	82	19.8	2.1	
3	5.5	81	19.9	1.6	
4	5.5	80	19.9	1.2	

DBP 5

Date: 12/26/93

One well volume = 3.5 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	4.8	71	17.6	33.4	
1	4.6	39	18.7	4.3	
2	4.6	68	19.2	2.4	
3	4.6	69	19.4	1.0	
4	4.6	69	19.5	0.5	
5	4.6	69	19.6	0.3	

WELL STABILIZATION

FBP 5D

Date: 08/09/93

One well volume = 2.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	5.4	78	20.9	102.0	Orange brown
1	5.0	54	20.0	749.0	
2	5.2	55	19.3	>1,000	
3	5.2	57	19.4	>1,000	
4	5.1	53	19.7	>1,000	
5	5.1	53	20.3	>1,000	
6	5.2	54	20.6	>1,000	
7	5.2	55	20.9	>1,000	
8	5.2	55	21.0	>1,000	
9	5.2	55	21.3	>1,000	
10	5.2	55	21.5	>1,000	

FBP 6D

Date: 08/11/93

One well volume = 3.4 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	6.3	111	21.9	345.0	Brown
1	6.0	85	20.5	>1,000	
2	5.9	81	20.8	>1,000	
3	5.9	78	22.0	>1,000	
4	5.9	78	22.0	>1,000	
5	5.8	77	22.1	>1,000	
6	5.8	78	22.1	>1,000	

FBP 8D

Date: 08/19/93

One well volume = 6.1 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.6	267	22.0	41.0	
1	7.4	314	20.9	340.0	
2	7.3	321	21.2	89.1	
3	7.3	313	20.9	110.0	
4	7.3	301	20.9	110.0	
5	7.4	285	21.0	171.0	
6	7.3	283	20.9	156.0	
7	7.3	284	20.8	117.0	
8	7.3	283	20.8	87.8	

WELL STABILIZATION

FBP 8D (cont.)

Well Vol.	pH	Sp. Cond. (μ S/cm)	Water Temp. (°C)	Turbidity	Comments
9	7.3	283	21.5	20.7	
10	7.3	282	21.0	18.2	
11	7.3	282	20.9	15.6	
12	7.3	285	21.2	7.5	
13	7.3	284	21.0	6.6	
14	7.3	284	20.9	6.7	

FBP 9D

Date: 08/10/93 (10:43)

One well volume = 4.3 gal

Well Vol.	pH	Sp. Cond. (μ S/cm)	Water Temp. (°C)	Turbidity	Comments
0	6.5	129	21.9	111.0	Brown
1	6.4	125	19.9	>1,000	
2	6.4	129	22.3	>1,000	
3	6.3	130	22.6	>1,000	
4	6.4	129	23.2	>1,000	
5	6.4	129	23.7	>1,000	
6	6.4	128	24.0	>1,000	
7	6.4	124	24.1	179.0	
8	6.5	123	23.8	176.0	
9	6.5	123	24.0	382.0	
10	6.5	122	24.2	>1,000	
11	6.5	120	24.8	275.0	
12	6.5	119	24.3	205.0	
13	6.4	119	24.1	157.0	
14	6.5	119	24.2	98.0	
15	6.5	118	24.4	68.1	
16	6.5	118	24.4	43.9	
17	6.5	118	24.2	31.1	
18	6.5	116	24.9	7.6	
19	-	-	-	7.1	Dry after purging 23 gal

Date: 08/10/93 (15:50)

One well volume = 4.3 gal

Well Vol.	pH	Sp. Cond. (μ S/cm)	Water Temp. (°C)	Turbidity	Comments
0	6.6	123	23.1	397.0	

WELL STABILIZATION

FBP 12D

Date: 08/10/93

One well volume = 4.7 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	6.6	236	19.7	172.0	Light brown
1	6.1	155	19.2	364.0	
2	6.0	139	19.3	>1,000	
3	6.1	145	19.1	550.0	
4	5.8	131	19.6	>1,000	
5	5.9	123	20.0	641.0	
6	5.9	124	20.1	229.0	
7	5.9	124	20.2	284.0	
8	5.9	125	20.2	363.0	
9	5.9	129	20.8	223.0	
10	5.9	130	21.0	203.0	
11	6.0	130	21.0	172.0	
12	6.0	133	21.1	138.0	
13	6.0	132	21.1	128.0	
14	6.0	132	21.1	122.0	
15	6.0	132	21.2	117.0	

FBP 13D

Date: 08/10/93

One well volume = 4.4 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	6.1	127	24.0	125.0	
1	5.7	107	21.2	>1,000	
2	5.7	74	21.4	134.0	
3	5.7	73	21.3	264.0	
4	5.8	74	21.2	527.0	
5	6.2	72	22.0	219.0	
6	6.2	70	21.6	183.0	
7	6.1	69	21.6	109.0	
8	6.1	69	21.7	88.9	
9	6.2	68	21.7	70.5	
10	6.1	67	21.9	41.9	
11	6.1	67	21.5	22.0	
12	6.1	65	22.0	11.6	
13	6.1	65	21.6	10.0	
14	6.1	65	21.6	12.4	
15	6.1	65	21.5	13.6	
16	6.0	64	21.4	8.2	
17	6.0	64	21.5	7.8	
18	6.0	63	21.5	7.3	

WELL STABILIZATION

MSB 32B

Date: 11/11/93

One well volume = 13.8 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	6.5	41	16.4	530.0	
1	5.6	23	17.3	0.9	
2	5.4	23	17.7	0.4	
3	5.5	23	18.0	0.4	
4	5.5	23	18.4	0.4	
5	5.5	23	18.6	0.4	

MSB 32C

Date: 10/06/93

One well volume = 5.4 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.3	147	20.0	682.0	
1	5.7	39	19.5	2.9	
2	5.6	34	19.4	1.3	
3	5.6	34	19.3	0.9	
4	5.6	33	19.7	1.2	
5	5.7	33	19.8	0.7	

MSB 87B

Date: 11/10/93

One well volume = 8.1 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	11.8	995	17.7	>1,000	Light brown
1	10.4	209	17.8	58.8	
2	9.4	112	17.9	81.6	
3	8.9	103	17.9	70.5	
4	8.9	102	17.9	67.1	
5	9.6	119	18.0	52.2	
6	9.6	116	18.8	36.8	
7	9.6	116	19.4	20.0	
8	9.6	117	19.6	18.5	
9	9.6	117	19.7	18.1	

WELL STABILIZATION

MSB 87C

Date: 11/10/93 (11:49)

One well volume = 0.4 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	6.6	216	17.3	>1,000	Light brown; well went dry after purging 7 gal

MSB 88B

Date: 11/10/93

One well volume = 21.4 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	11.1	311	17.6	66.8	
1	6.2	52	18.3	378.0	
2	5.9	41	18.4	108.0	
3	6.1	52	18.5	38.2	
4	6.1	52	18.6	34.2	
5	6.1	52	18.6	30.7	
6	6.1	51	18.6	26.5	
7	6.0	49	18.6	14.8	
8	6.0	49	18.6	14.2	
9	6.1	48	18.7	13.1	
10	6.0	48	18.7	12.7	
11	6.1	48	18.7	12.2	

MSB 88C

Date: 11/10/93

One well volume = 13.5 gal

<u>Well</u> <u>Vol.</u>	<u>pH</u>	<u>Sp. Cond.</u> <u>(μS/cm)</u>	<u>Water</u> <u>Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.3	311	17.5	91.1	Brown
1	6.0	88	17.8	>1,000	
2	5.9	78	17.9	940.0	
3	5.9	77	17.9	912.0	
4	5.9	79	18.0	968.0	

WELL STABILIZATION

MSB 88D

Date: 11/10/93

One well volume = 2.2 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.3	250	17.2	63.2	
1	5.7	27	17.5	986.0	
2	5.4	22	17.4	298.0	
3	5.3	23	17.5	34.6	
4	5.3	22	17.7	8.5	
5	5.3	22	17.7	5.0	
6	5.3	22	17.8	4.9	
7	5.3	22	17.8	2.4	
8	5.3	22	17.9	2.2	
9	5.3	22	17.9	1.5	

MSB 89B

Date: 11/10/93

One well volume = 8.4 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	10.1	206	17.5	39.7	
1	5.9	47	18.3	170.0	
2	5.9	41	18.4	89.0	
3	5.9	44	19.1	15.7	
4	5.9	43	19.6	12.7	
5	5.9	42	19.8	11.1	
6	5.9	42	19.8	10.3	
7	5.9	43	19.8	9.0	
8	5.9	42	19.9	8.7	
9	5.9	42	20.0	7.5	
10	5.9	42	19.9	7.2	
11	5.9	42	19.9	6.7	

RCP 1A

Date: 12/27/93

One well volume = 93.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	11.8	1,558	18.0	9.1	
1	11.8	1,423	18.9	1.0	
2	11.6	946	19.2	0.7	
3	11.6	864	19.5	0.7	

WELL STABILIZATION

RCP 1A (cont.)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
4	11.6	842	19.6	0.7	
5	11.6	818	19.7	0.8	

SRW 1BB

Date: 11/17/93

One well volume = 58.9 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	10.9	333	20.4	3.2	
1	6.4	76	19.0	>1,000	
2	6.1	56	18.9	635.0	
3	6.0	50	18.9	370.0	
4	5.9	47	19.0	317.0	
5	5.8	37	19.5	170.0	
6	5.8	36	19.4	159.0	
7	5.8	36	19.3	163.0	

SRW 4BB

Date: 11/18/93

One well volume = 55.6 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.9	150	19.3	25.8	Brown
1	5.9	47	19.0	762.0	
2	5.8	38	18.8	121.0	
3	5.8	37	18.8	83.0	
4	5.7	36	18.8	71.5	
5	5.7	37	19.0	50.1	
6	5.7	34	18.9	49.6	
7	5.7	34	18.8	46.4	

SRW 8BB

Date: 11/17/93

One well volume could not be calculated because there was no water in standpipe.

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	12.2	2,680	20.0	1.5	Light brown
1	11.6	634	19.1	>1,000	

WELL STABILIZATION

SRW 8BB (cont.)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. (°C)</u>	<u>Turbidity</u>	<u>Comments</u>
2	10.8	186	19.1	>1,000	
3	10.6	135	19.2	198.0	
4	10.5	135	19.1	168.0	
5	10.4	129	19.0	163.0	
6	10.3	115	19.0	126.0	
7	9.9	95	19.4	44.2	
8	9.9	93	19.3	50.4	
9	9.8	88	19.2	43.6	
10	9.8	90	19.2	37.5	
11	9.6	84	19.1	29.1	
12	9.6	83	19.0	29.3	
13	9.5	81	19.0	29.5	

SRW 10BB

Date: 11/18/93

One well volume = 59.1 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. (°C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	12.2	1,938	17.0	2.9	Brown
1	9.4	108	18.3	>1,000	
2	7.5	69	18.5	>1,000	
3	6.5	53	19.0	>1,000	
4	6.6	54	19.0	934.0	
5	6.7	56	18.9	825.0	
6	6.5	46	19.1	371.0	
7	6.4	45	19.0	350.0	
8	6.4	45	18.9	331.0	
9	6.2	44	19.0	306.0	
10	6.3	43	19.0	294.0	
11	6.3	42	19.0	278.0	

SRW 11BB

Date: 11/18/93

One well volume = 57.5 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. (°C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	8.9	167	17.2	333.0	Brown
1	6.3	62	18.3	>1,000	
2	6.3	54	18.4	>1,000	
3	6.2	48	18.3	720.0	
4	6.2	47	18.3	573.0	

WELL STABILIZATION

SRW 11BB (cont.)

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
5	6.0	38	18.1	232.0	
6	6.0	37	18.4	222.0	
7	6.0	37	18.5	212.0	

SRW 17BB

Date: 11/18/93

One well volume = 60.2 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	9.2	135	18.4	10.1	
1	6.4	54	18.4	412.0	
2	6.2	46	18.6	123.0	
3	6.3	48	18.7	72.1	
4	6.1	43	18.5	55.4	
5	6.1	42	18.4	52.9	
6	6.1	42	18.4	49.0	
7	6.1	42	18.4	47.5	
8	6.0	41	18.4	47.0	

SRW 17C

Date: 11/18/93

One well volume = 10.3 gal

<u>Well Vol.</u>	<u>pH</u>	<u>Sp. Cond. (μS/cm)</u>	<u>Water Temp. ($^{\circ}$C)</u>	<u>Turbidity</u>	<u>Comments</u>
0	7.6	179	19.3	18.6	Brown
1	6.3	54	18.6	794.0	
2	6.3	49	18.5	562.0	
3	6.1	43	18.8	531.0	
4	6.1	43	19.2	504.0	
5	6.1	44	19.4	486.0	

6. ENVIRONMENTAL SOIL BORINGS

The sources of data for this section are the SRS Soil Boring Installation Report and the Daily Activities Report. The date given for each boring is the date drilling was completed, unless otherwise noted.

D-AREA BURNING/RUBBLE PITS

These core holes were bored for analytical sampling. The borings in table 3 were augered to their respective final depths for microbiological and chemical analyses and for geological description. Sampling was performed by split spoon for soil samples and hydropunch for water samples. After sampling, the boreholes were abandoned by grouting. Oversight was by REI. GECS performed the drilling.

Table 3. D-Area Burning/Rubble Pits Characterization Core Hole Borings

<u>Core ID</u>	<u>Date</u>	<u>Depth (ft)</u>
D 431 07	06/09/93	12.0
D 431 08	06/09/93	12.0
D 431 09	06/09/93	12.0
D 431 10	06/10/93	12.0
D 431 11	06/10/93	12.0
D 431 12	06/14/93	12.0
D 431 13	06/11/93	12.0
D 431 14	06/14/93	12.0
D 431 15	06/25/93	50.0
D 431 16	06/22/93	44.0
D 431 17	06/24/93	42.0
D 431 18	06/16/93	12.0

M-AREA BIOREMEDIATION CHARACTERIZATION

These bioremediation characterization core holes were for microbiological and chemical analyses and geological description. The borings in table 4 were augered to their respective final depths. Sampling was done by split spoon. After sampling, the boreholes were abandoned by grouting. Oversight was by REI. EMTC performed the drilling.

ENVIRONMENTAL SOIL BORINGS

Table 4. M-Area Bioremediation Characterization Core Hole Borings

<u>Core ID</u>	<u>Date</u>	<u>Depth (ft)</u>
MHC 4	01/15/93	140.0
MHC 5	01/15/93	140.0
MHC 6	01/12/93	26.0
MHC 6B	01/14/93	140.0
MHC 7	01/14/93	140.0
MHC 8	04/27/93	138.0
MHC 9	05/04/93	144.0
MHC 10	04/30/93	136.0
MHC 11	04/29/93	136.0
MHC 12	05/03/93	142.0
MHC 13	05/05/93	142.0
MHC 14	05/06/93	142.0
MHC 15	05/05/93	142.0

M-AREA CRETACEOUS AQUIFER

These core holes were bored for lithologic description and volatile organic sampling for the A/M Areas Cretaceous Aquifer Study. The borings in table 5 were wireline cored to their final depths; CB 5 and 7 were also partially drilled by the mud-rotary method. Sampling was done by continuous coring. After sampling, the boreholes were abandoned by grouting. GEGS performed the drilling; oversight was by Earth Management Systems.

Table 5. M-Area Cretaceous Aquifer Core Hole Borings

<u>Core ID</u>	<u>Date</u>	<u>Depth (ft)</u>
MBS CB 1	07/28/93	365.0
MBS CB 2	08/04/93	365.0
MBS CB 3	08/11/93	270.0
MBS CB 4	08/06/93	365.0
MBS CB 5	07/14/93	365.0
MBS CB 7	07/08/93	365.0

M-AREA INTEGRATED DEMONSTRATION SITE

This project was the Radio Frequency Heating Test for discrete sampling along these shallow wells. The borings in table 6 were augered to their respective final depths for microbiological and chemical analyses and for geological description. Sampling was done by split spoon. After sampling, the boreholes were abandoned by grouting. Oversight was by REI. EMTC performed the drilling.

ENVIRONMENTAL SOIL BORINGS

Table 6. M-Area Radio Frequency Heating Test Core Hole Borings

<u>Core ID</u>	<u>Date</u>	<u>Depth (ft)</u>
MHB 20	06/03/93	60.0
MHB 21	04/29/93	60.0
MHB 22	06/03/93	60.0
MHB 23	06/02/93	60.0
MHB 24	04/28/93	60.0
MHB 25	06/02/93	60.0
MHB 26	06/01/93	60.0
MHB 27	05/28/93	60.0
MHB 28	04/27/93	60.0
MHB 29	05/25/93	60.0

Core hole MHM 21 was bored for sonic logging. The hole, completed on 1/14/93, was bored by the mud-rotary method to 200 ft. Geologic sampling was conducted by wireline coring from 200 to 241 ft. After sampling, the borehole was abandoned by grouting. Oversight was by WSRC. EMTC performed the drilling.

PEN BRANCH FAULT CONFIRMATORY DRILLING

These core holes were bored for the Pen Branch Fault Confirmatory Drilling Project for lithologic study. The borings in table 7 were drilled to their respective final depths by a combination of the mud-rotary method and wireline coring. Sampling was done by wireline coring. After sampling, the boreholes were abandoned by grouting. GEGS performed the drilling, and oversight was by AT&E.

Table 7. Pen Branch Fault Confirmatory Drilling Core Hole Borings

<u>Core ID</u>	<u>Date</u>	<u>Depth (ft)</u>
CFD 1	06/30/92	1,040.0
CFD 2	09/09/92	300.0
CFD 3	06/11/92	300.0
CFD 4	05/27/92	300.0
CFD 5	05/22/92	300.0
CFD 6	06/03/92	300.0
CFD 7	06/16/92	300.0
CFD 8	08/17/92	302.0
CFD 9	09/11/92	300.0
CFD 10	08/29/92	300.0
CFD 11	09/03/92	300.0
CFD 12	05/29/92	300.0
CFD 13	06/04/92	300.0
CFD 14	09/02/92	300.0
CFD 15	07/10/92	300.0
CFD 16	08/05/92	301.5
CFD 17	08/11/92	301.5

Notes

7. SURVEYING

The source of data for table 8 is a database maintained by Surveying and Mapping Consultants (SMC) of Tigerville, SC. SMC conducted the following surveying in 1993. Elevations are in feet above mean sea level.

Table 8. Survey Information

<u>Well ID</u>	<u>SRS Coordinates</u>		<u>Top-of-</u>	<u>Top-of-</u>	<u>Ground</u>	<u>Final Height</u>	<u>Date of</u>
	<u>North</u>	<u>East</u>	<u>Standpipe</u>	<u>Casing</u>	<u>Elevation</u>	<u>of Casing</u>	
			<u>Elevation</u>	<u>Elevation</u>	<u>Elevation</u>	<u>Above Ground</u>	<u>Survey</u>
New Wells							
ASB 2AR	105,550.5	52,881.7	355.8	355.6	—	—	03/18/93
ASB 2CR	105,540.2	52,862.7	355.8	355.6	—	—	03/18/93
ASB 3AR	105,605.1	53,115.0	341.7	341.6	—	—	03/18/93
ASB 3CR	105,614.5	53,130.4	341.7	341.5	—	—	03/18/93
ASB 5AR	105,900.5	52,854.4	347.1	347.0	—	—	03/18/93
ASB 5C	105,884.8	52,837.8	347.5	347.3	—	—	03/18/93
ASB 10CR	105,655.4	52,969.7	349.4	349.2	—	—	03/18/93
DA 4C	62,284.2	18,932.8	—	128.9	126.5	2.4	09/08/93
DA 7C	62,283.6	18,549.2	—	128.4	125.9	2.5	09/08/93
DA 11C	62,285.9	17,650.7	—	129.8	127.1	2.6	09/08/93
DA 12C	62,529.1	17,653.5	—	128.8	126.1	2.7	09/08/93
DA 14C	63,361.2	17,653.7	—	129.0	126.3	2.7	09/08/93
DB 5C	62,203.8	18,929.3	—	113.7	111.2	2.5	09/08/93
DB 6C	62,194.8	18,553.0	—	115.6	113.1	2.5	09/08/93
DB 10C	62,186.6	17,637.7	—	112.0	109.4	2.6	09/08/93
DB 13C	62,530.4	17,602.7	—	111.9	109.8	2.1	09/08/93
DB 15C	63,372.1	17,573.3	—	115.4	112.9	2.5	09/08/93
DBP 5	66,485.6	18,605.2	—	134.6	132.6	2.0	10/19/93
ERT 1	102,475.4	48,718.5	—	358.3	357.2	1.1	11/10/93
ERT 2	102,446.3	48,718.0	—	359.2	357.5	1.7	11/10/93
ERT 3	102,432.5	48,700.7	—	359.5	358.4	1.1	11/10/93
ERT 4	102,458.7	48,696.0	—	358.7	357.4	1.3	11/10/93
FBP 5D	79,193.8	51,073.9	292.6	292.3	290.1	2.2	10/20/93
FBP 6D	79,672.9	50,547.1	289.9	289.6	287.3	2.3	10/20/93
FBP 7D	79,805.7	50,878.9	—	294.7	292.2	2.5	10/20/93
FBP 8D	79,291.8	51,386.4	288.3	288.0	285.8	2.2	10/20/93
FBP 9D	79,565.1	51,074.0	284.4	284.1	281.9	2.2	10/20/93
FBP 10D	79,329.7	50,535.8	—	286.3	283.8	2.5	10/20/93
FBP 11D	79,099.3	50,767.9	—	289.8	287.3	2.5	10/20/93
FBP 12D	78,932.3	51,165.7	290.6	290.3	288.1	2.2	10/20/93

SURVEYING

Table 8. Survey Information (cont.)

Well ID	SRS Coordinates		Top-of- Standpipe	Top-of- Casing	Ground	Final Height of Casing	Date of Survey
	North	East	Elevation	Elevation	Elevation	Above Ground	
New Wells							
FBP 13D	79,748.9	50,694.1	298.4	298.0	295.7	2.3	10/20/93
FCA 9DR	78,608.8	53,734.5	—	—	310.2	—	05/11/93
FSB OPC	74,090.2	50,140.0	—	232.7	230.8	1.9	11/10/93
FSB 25PC	74,084.6	50,115.9	—	233.8	231.8	2.0	11/10/93
FSB 50PC	74,040.2	50,140.1	—	231.2	229.2	2.0	11/10/93
FSB100PC	74,089.9	50,240.4	—	230.0	228.0	2.0	11/10/93
FSB150PC	74,090.0	49,990.1	—	236.8	234.8	2.0	11/10/93
HSB OPD	71,518.0	50,429.2	—	233.1	231.0	2.1	11/15/93
HSB 25PD	71,536.3	56,412.4	—	232.5	230.6	1.9	11/15/93
HSB 50PD	71,484.9	56,459.4	—	232.3	230.3	2.0	11/15/93
HSB100PD	71,445.3	56,379.5	—	226.0	224.0	2.0	11/15/93
HSB123A	72,189.8	58,124.8	265.8	265.7	263.6	2.1	01/26/88
MHM 22	102,745.9	48,831.9	—	366.3	364.5	1.8	10/20/93
MHM 23	102,728.5	48,843.8	—	364.9	363.6	1.3	10/20/93
MHM 24	102,719.7	48,851.0	—	363.9	363.2	0.7	10/20/93
MHV 20	102,418.4	48,658.3	—	361.8	359.6	2.2	01/25/93
MHV 21	102,433.6	48,661.5	—	362.0	359.7	2.3	01/25/93
MHV 22	102,443.5	48,663.8	—	362.0	359.7	2.3	01/25/93
MHV 23	102,458.0	48,666.9	—	361.9	359.7	2.2	01/25/93
MHV 24	102,439.8	48,636.9	—	362.7	360.5	2.2	01/25/93
MHV 25	102,428.9	48,681.0	—	361.5	359.1	2.4	01/25/93
MHV 26	102,404.2	48,655.3	—	362.1	359.8	2.3	01/25/93
MHV 27	102,374.3	48,654.5	—	362.1	359.9	2.2	01/25/93
MHV 28	102,366.3	48,647.6	—	362.2	359.9	2.3	01/25/93
MHV 29	102,362.2	48,661.8	—	361.8	359.6	2.2	01/25/93
MHV 30	102,460.3	48,703.2	—	362.8	358.2	4.6	11/10/93
MHV 31	102,456.1	48,718.0	—	—	357.3	—	11/10/93
MHV 32	102,445.5	48,706.6	—	—	357.7	—	11/10/93
MHV 33	102,450.1	48,693.1	—	—	358.3	—	11/10/93
MHV 34	102,464.6	48,689.0	—	—	358.6	—	11/10/93
MHV 35	102,475.1	48,669.8	—	—	358.2	—	11/10/93
MHV 36	102,470.5	48,713.8	—	—	357.6	—	11/10/93
MHV 37	102,453.3	48,701.0	—	359.0	357.8	1.2	11/10/93
MHV 38	102,448.1	48,699.6	—	358.8	358.1	0.7	11/10/93
MHV 39	102,438.6	48,696.5	—	359.2	357.9	1.3	11/10/93
MHV 40	102,466.8	48,699.5	—	—	358.2	—	11/10/93
MHV 41	102,462.6	48,710.4	—	—	357.6	—	11/10/93
MSB 23TR	104,278.5	49,036.0	—	372.7	370.8	1.9	10/05/93
MSB 32B	99,676.0	52,742.5	255.9	255.4	253.5	1.9	10/05/93
MSB 32C	99,684.9	52,746.9	256.1	255.7	253.6	2.1	10/05/93
MSB 84A	108,982.1	51,971.2	361.6	361.5	359.4	2.1	12/15/93
MSB 87B	101,276.0	51,607.0	336.5	336.0	334.0	2.0	10/05/93
MSB 87C	101,277.0	51,596.3	337.1	336.6	334.6	2.0	10/05/93
MSB 88B	97,013.0	50,774.2	238.5	238.1	235.8	2.3	10/05/93

Table 8. Survey Information (cont.)

<u>Well ID</u>	<u>SRS Coordinates</u>		<u>Top-of-</u>	<u>Top-of-</u>	<u>Ground</u>	<u>Final Height</u>	<u>Date of</u>
	<u>North</u>	<u>East</u>	<u>Standpipe</u>	<u>Casing</u>			
New Wells							
MSB 88C	97,012.7	50,784.0	237.6	237.2	235.2	2.0	10/05/93
MSB 88D	97,012.3	50,793.5	237.3	236.9	234.9	2.0	10/05/93
MSB 89B	98,374.1	47,889.9	339.8	339.4	337.3	2.1	10/05/93
MSB 89C	98,379.4	47,881.6	340.1	339.8	337.6	2.2	10/05/93
MVE 5	103,680.2	49,030.0	—	368.8	367.0	1.1	10/05/93
MVE 6	103,340.1	49,029.6	—	364.7	362.9	1.8	10/05/93
MVE 7	103,200.3	48,975.3	—	364.2	362.2	2.0	10/05/93
MVE 8	103,509.5	49,030.0	—	367.5	365.6	1.9	10/05/93
P 26AI	71,978.2	18,046.0	—	154.0	151.8	2.2	10/18/93
P 26MA	71,983.9	18,037.6	—	153.9	151.9	2.0	10/18/93
P 26MB	71,997.6	18,017.8	—	153.8	151.9	1.9	10/18/93
PFS 1	71,977.1	18,036.0	—	153.8	151.6	2.2	10/18/93
RAM 1	102,196.5	48,501.3	—	362.9	358.4	4.5	11/16/93
RAM 3	102,185.4	48,468.4	—	362.5	358.2	4.3	11/16/93
RAM 4	102,184.9	48,449.6	—	358.5	358.3	0.2	11/16/93
RAM 5	102,143.2	48,215.7	—	359.2	354.1	5.1	11/16/93
RAM 6	102,152.1	48,035.0	—	354.6	351.9	2.7	11/16/93
RAM 15	102,459.4	48,626.9	—	364.0	360.2	3.8	11/16/93
RAM 16	102,372.8	48,692.5	—	361.7	357.6	4.1	11/16/93
RAM 17	102,064.0	48,773.8	—	355.2	351.1	4.1	11/16/93
RWM 13B	105,803.3	53,516.3	—	336.2	333.2	3.0	10/06/93
RWM 13C	105,809.7	53,502.2	—	336.4	333.4	3.0	10/06/93
RWM 14B	106,362.1	53,044.7	—	351.2	348.5	2.7	10/06/93
RWM 14C	106,380.8	53,051.5	—	351.4	348.5	2.9	10/06/93
Wells With Changes							
BGO 6B	76,553.2	58,346.5	287.0	286.8	284.5	2.3	10/22/92
BGO 19D	75,350.0	56,997.3	290.2	290.1	287.8	2.3	10/12/87
BGO 43CR	77,031.2	56,237.2	315.5	315.3	313.4	1.9	09/24/91
BGX 8DR	77,589.6	58,942.5	278.4	278.2	276.1	2.1	07/31/91
FSB 0PD	74,549.2	49,849.8	254.9	254.7	252.6	2.1	12/19/91
FSB 98C	75,381.2	50,116.5	284.6	284.5	282.4	2.1	09/14/87
FSB 98D	75,371.9	50,111.6	284.6	284.5	282.3	2.2	09/14/87
HSB 0PC	72,119.3	55,650.0	—	—	227.8	—	12/16/91
HSB117A	72,733.6	55,170.1	237.5	237.3	234.8	2.5	05/17/88
HSB117C	72,740.7	55,162.9	237.6	237.4	235.1	2.3	05/17/88
HSB117D	72,747.6	55,155.6	237.8	237.6	235.3	2.3	05/17/88
KAC 8	53,136.0	42,641.9	262.4	262.2	260.2	2.0	03/26/92
KAC 9	53,197.8	42,588.1	267.3	267.1	265.0	2.1	03/26/92

Notes

8. SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site Description</u>
ABP	A-Area Metals Burning Pit
ABW	A-Area Background Well near Firing Range
AC	A-Area Cluster Perimeter Wells and M-Area Plume Definition Wells
ACB	A-Area Coal Pile Runoff Containment Basin
AMB	Metallurgical Laboratory Seepage Basin
AMH	A- and M-Areas Horizontal Wells
AOB	Motor Shop Oil Basin
ARP	A-Area Burning/Rubble Pits
ASB	Savannah River Laboratory (SRL) Seepage Basins
BG	Burial Grounds
BGO	Burial Grounds Perimeter Wells
BGX	E-Area Vaults near the Burial Grounds
BRD	Road A Chemical Basin (Baxley Road)
BRR	Burma Road Rubble Pit
CBR	N-Area (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
CFD	Pen Branch Fault Confirmatory Drilling Piezometers
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	N-Area (Central Shops) Diesel Spill Characterization and Remediation Wells
CSO	Fire Department Training Facility
CSR	N-Area (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	F-Area Seepage Basins

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site Description</u>
FSB 1TA Well	F-Area Seepage Basins Production Well
FSL	F-Area Inactive Process Sewer Line Wells for Groundwater Assessment
FSS	F-Area Sludge Land Application Site
FTF	F-Area Tank Farm
GBW	Background Well near Hawthorne Fire Tower
H	H-Area Seepage Basins
HAC	H-Area Acid/Caustic Basin
HAP	H-Area Auxiliary Pump Pit
HC	H-Area Hydrology Clusters
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	H-Area Seepage Basins
HSB 1TB Well	H-Area Seepage Basins Production Well
HSL	H-Area Inactive Process Sewer Line Wells for Groundwater Assessment
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 Characterization Wells, Site B
IDP	Interim Waste Technology Characterization Wells, Site P
IDQ	Interim Waste Technology Characterization Wells, Site Q
K	K-Area Wind Tower Piezometers at Road B
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 Well
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, Monitoring Grid Wells for Burial Grounds
MGC	Series C, Monitoring Grid Wells for Burial Grounds

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site Description</u>
MGE	Series E, Monitoring Grid Wells for Burial Grounds
MGG	Series G, Monitoring Grid Wells for Burial Grounds
MHM	Geophysical Test Holes for the Horizontal Well Characterization Study in M Area
MHT	Savannah River Technology Center (SRTC) Monitoring Wells for the Horizontal Well Characterization Study in M Area
MHV	Vapor Probes Adjacent to the Horizontal Wells in M Area
MSB	M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells
MVE	Vapor Extraction Wells in M Area
MWD	Potential Hazardous Waste/Mixed Waste Disposal Facility
NBG	Wells between the F-Area Canyon Building and the Naval Fuel Material Facility
NPM	Potential New Production Reactor Site Characterization Wells
P	Assessment Wells East of H-Area Perimeter Fence [P 27 cluster] B-Area Microbiology Wells [P 29 cluster] East of P Area, Outside P-Area Perimeter Fence [P 24 cluster] F-Area Microbiology Wells [P 28 cluster] North of H Area [P 14 cluster] R-Area Bedrock Exploration Hydrology Wells [P 20 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
PW	Production Wells—Scattered over SRS
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
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 Piezometer Wells
SRW	Silverton Road Waste Site
SSS	Sewage Sludge Application Sites 40-Acre Hardwood Site

SITE INDEX BY WELL SERIES

<u>Well Series</u>	<u>Site Description</u>
	Kato Road Site
	Lower Kato Road Site
	Orangeburg Site
	Road F Site
	Sandy (Lucy) Site
	Second Par Pond Borrow Pit
TBG	TNX Burying Ground
TMF	Geophysical Test Holes for Integrated Demonstration Site in TNX Area
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
ZW	F Area
	H Area
241-H	H-Area Tank Farm, between Tanks 9 and 11

9. GLOSSARY

AT&E. Atlanta Testing & Engineering of Columbia, SC.

auger method. Drilling in unconsolidated material accomplished by the rotary action of screw-type edges forced into the earth by downward pressure.

CMP. Chemicals, metals, and pesticides.

CS. Carbon steel, a material used for well casings.

DOE. U.S. Department of Energy.

DWPF. Defense Waste Processing Facility at SRS.

ED&S. Environmental Drilling & Services, Inc., of New Ellenton, SC.

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

EMTC. Environmental Monitoring and Testing Corporation of New Ellenton, SC.

EPA. U.S. Environmental Protection Agency.

EPD. Environmental Protection Department at SRS.

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

EPS. Environmental Protection Section of EPD.

extraction well. Vadose-zone recovery well that removes volatiles by pumping air.

gal. gallon.

GECS. Graves Environmental and Geotechnical Services, Inc., of Jackson, SC.

GE-HY. GE-HY Environmental Sampling of New Ellenton, SC.

geophysical logging. Process of acquiring the geophysical characteristics (naturally-occurring gamma radiation emissions, electrical resistance, seismic properties, etc.) of litho-stratigraphic units within wells for correlation and facies modeling.

GLOSSARY

gpm. Gallons per minute.

grout. Fluid mixture of cement and water or mixture of cement, sand, and water used to hold the well casing in place within a borehole and to prevent caving and fluid migration between strata; also used to plug abandoned wells.

hollow-stem augering. A drilling method in which augers with hollow stems are used to facilitate sample collection. This method, used to drill through unconsolidated materials to depths of less than 150 ft, prevents sloughing during soil sample collection.

HWMF. Hazardous Waste Management Facility.

lithology. Rock type, generally determined by studying its physical characteristics megascopically or with the aid of a low-power magnifier.

M&E. Metcalf & Eddy, Inc., of Aiken, SC.

msl. Mean sea level.

mud-rotary method. The drilling method in which drilling fluid (mud) is pumped down the drill rods and through the bit and circulated back to the surface, carrying drill cuttings through an annular space between the rods and the wall of the borehole. The mud stabilizes the borehole and allows cuttings to be brought to the surface.

MWMF. Mixed Waste Management Facility.

pellets (bentonite). Dried, compressed pellets of bentonite clay. The clay, which when hydrated expands to several times its dry volume, is used to form impermeable seals at the top of well screen zones, preventing the contamination of a well screened in a specific aquifer by water from overlying aquifers.

pH. pH units.

piezometer. Well used to measure the potentiometric surface of the groundwater.

pitcher barrel method. Geotechnical sampling method used in clays that are too hard for Shelby tube sampling to take relatively undisturbed soil samples.

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).

pump. To remove water from a well by using a stationary device to force water up a tube or pipe to the top of the well.

purge. To remove water from a well prior to sampling, generally by pumping or bailing.

PVC. Polyvinyl chloride, commonly used material for plumbing assemblies.

QA. Quality assurance.

RCRA. See Resource Conservation and Recovery Act.

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

ream. To widen a borehole after coring for the purpose of setting a new well.

recovery well. Well that pumps groundwater from below the water table to remove contaminants.

REI. Rust, Environment & Infrastructure, Inc., of Aiken, SC; formerly Sitrine Environmental Consultants of Greenville, SC, and Westinghouse Environmental and Geotechnical Services (WEGS).

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

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

RFI/RI Program. RCRA Facility Investigation/Remedial Investigation Program; at SRS, an expansion of the RFI Program to include CERCLA and hazardous-substance regulations.

SCDHEC. South Carolina Department of Health and Environmental Control.

SCHWMR. South Carolina Hazardous Waste Management Regulations.

screen zone. In well construction, the section of a well casing that contains the screen or perforated pipe that allows water to enter the well.

seepage basin. An excavation that receives wastewater. Insoluble materials settle out on the floor of the basin, and soluble materials seep with the water through the soil column, where they are removed partially by ion exchange with the soil. Designed to prevent overflow or surface runoff.

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

Shelby tube. A thin-walled soil sampler with a sharpened lower end for sampling soils that are particularly sensitive to disturbance.

site custodian. WSRC employee responsible for the site being monitored.

SMC. Surveying and Mapping Consultants of Tigerville, SC.

sonic logging. Downhole geophysical technique that measures sonic velocity and is used to calculate porosity.

Sp. Cond. Specific conductance.

split-spoon sampling. A sampling technique in which a two-piece hollow barrel is driven

GLOSSARY

into the bottom of the borehole in specified intervals by dropping a weight on the drill rods and retrieving the samples.

SRL. Savannah River Laboratory at SRS.

SRS. Savannah River Site.

SRTC. Savannah River Technology Center at SRS.

SS. Stainless steel, a material used for well casings.

sump. The lowermost section of casing in a well, designed to collect sediments.

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

temp. Temperature.

TOC. Top of casing, the elevation of the top of the well casing, used as a reference for water depth measurements.

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

(U). Unclassified.

μ S/cm. Microsiemens per centimeter.

vadose zone. Unsaturated zone, located above the water table.

VOC. Volatile organic compounds.

vol. Volume.

wash cuttings. Samples of geological material collected from the stream of drill fluid flowing out of a borehole during rotary drilling; see mud-rotary method.

well volume. Volume of water inside the well casing, between the static water level and the bottom of the screen zone.

wing bit method. Method using a particular type of drill bit (wing) for drilling in unconsolidated material.

wireline coring. A soil sampling procedure using the mud-rotary method, in which a double-tube assembly is used to advance the hole, with the sample-bearing inner tube being periodically withdrawn by wireline (a steel cable and latching mechanism).

WSRC. Westinghouse Savannah River Company.

10. REFERENCES

Christensen, E.J., and D.E. Gordon, eds. 1983. *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume I—Site Geohydrology and Solid and Hazardous Wastes*, DPST-83-829. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Laboratory.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the First Quarter 1989*, ESH-EMS-890043. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the Second Quarter 1989*, ESH-EMS-890044. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the Third Quarter 1989*, ESH-EMS-890045. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the Fourth Quarter 1989*, ESH-EMS-890046. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1990. *The Savannah River Site's Groundwater Monitoring Program, First Quarter 1990*, ESH-EMS-90-0131. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, Second Quarter 1990*, ESH-EMS-900132. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, Third Quarter 1990*, ESH-EMS-900133. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

REFERENCES

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1990*, ESH-EMS-900134. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, First Quarter 1991*, ESH-EMS-910087. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1992. *The Savannah River Site's Groundwater Monitoring Program, Second Quarter 1991*, ESH-EMS-910088. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1992. *The Savannah River Site's Groundwater Monitoring Program, Third Quarter 1991*, ESH-EMS-910089. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1992. *The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1991*, ESH-EMS-910090. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1992. *The Savannah River Site's Groundwater Monitoring Program, First Quarter 1992*, ESH-EMS-920035. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1992. *The Savannah River Site's Groundwater Monitoring Program, Second Quarter 1992*, ESH-EMS-920036. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1993. *The Savannah River Site's Groundwater Monitoring Program, Third Quarter 1992*, ESH-EMS-920037. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1993. *The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1992*, ESH-EMS-920038. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1993. *The Savannah River Site's Groundwater Monitoring Program, First Quarter 1993*, ESH-EMS-930096. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

REFERENCES

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1993. *The Savannah River Site's Groundwater Monitoring Program, Second Quarter 1993*, ESH-EMS-930097. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1993. *The Savannah River Site's Groundwater Monitoring Program, Third Quarter 1993*, ESH-EMS-930098. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1993. *The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1993*, ESH-EMS-930099. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1994. *Environmental Protection Department's Well Inventory* (through the fourth quarter of 1993), ESH-EMS-930262. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1994. *The Savannah River Site's Groundwater Monitoring Program 1993 Sampling Schedule*, ESH-EMS-920350. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Second Quarter 1987*, HPR-87-286. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Third Quarter 1987*, HPR-87-339. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Fourth Quarter 1987*, HPR-88-098. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the First Quarter 1988*, HPR-88-238. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Second Quarter 1988*, HPR-88-300. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

REFERENCES

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Third Quarter 1988*, HPR-88-489. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Health Protection Department for the Fourth Quarter 1988*, HPR-89-193. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Heath, E.M., L.B. Taus, C.M. Olson, and Exploration Software. 1986. *The Savannah River Plant's Waste-Site Groundwater Monitoring Program Conducted by the Health Protection Department for the Third Quarter 1986*, HPR-87-002. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Heath, E.M., L.B. Taus, C.M. Olson, and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Fourth Quarter 1986*, HPR-87-072. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Heath, E.M., L.B. Taus, C.M. Olson, and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the First Quarter 1987*, HPR-87-158. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Olson, C.M., and Exploration Software. 1986. *The Savannah River Plant's Waste-Site Groundwater Monitoring Program Conducted by the Health Protection Department for the First Quarter 1986*, HPR-86-158 (Revised). Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Olson, C.M., and Exploration Software. 1986. *The Savannah River Plant's Waste-Site Groundwater Monitoring Program Conducted by the Health Protection Department for the Second Quarter 1986*, HPR-86-226. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Plant.

Stone, J.A., and E.J. Christensen, eds. 1983. *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume II—Radioactive Waste*, DPST-83-829. Aiken, SC: E.I. du Pont de Nemours & Company, Savannah River Laboratory.

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

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

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

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

REFERENCES

- U.S. Department of Energy. 1988. *Savannah River Plant Environmental Report for 1987*, Volumes I and II, DPSPU-88-30-1. Aiken, SC.
- U.S. Department of Energy. 1989. *Savannah River Site Environmental Report for 1988*, Volumes I and II, WSRC-RP-89-59-1. Aiken, SC.
- U.S. Department of Energy. 1990. *Savannah River Site Environmental Report for 1989*, Volumes I and II, WSRC-IM-90-60. Aiken, SC.
- U.S. Department of Energy. 1991. *Savannah River Site Environmental Report for 1990*, Volumes I and II, WSRC-IM-91-28. Aiken, SC.
- U.S. Department of Energy. 1992. *Savannah River Site Environmental Report for 1991*, WSRC-TR-92-186. Aiken, SC.
- U.S. Department of Energy. 1993. *Savannah River Site Environmental Report for 1992*, WSRC-TR-93-075. Aiken, SC.
- U.S. Department of Energy. 1994. *Savannah River Site Environmental Report for 1993*, WSRC-TR-94-075. Aiken, SC.

Notes

INDEX OF WELL INFORMATION

INTRODUCTION

This section contains an index of well series cited in the EPD/EMS quarterly reports for 1986 through 1993. The index is arranged by well series, by the quarterly report section in which the series is cited, by the quarter, and by the page number for each reference. The quarterly reports are abbreviated as follows: 1Q86 = first quarter 1986; 2Q86 = second quarter 1986; and so forth. Note: The Sample Analysis section became Analytical-Data Review effective first quarter 1991. The Sample Collection section became Field Notes effective second quarter 1991.

EPD/EMS, which is responsible for monitoring for constituents in the groundwater at approximately 135 waste sites at SRS, has published a description of its groundwater monitoring program for each quarter since the beginning of 1986. A list of the quarterly reports included in this index follows.

<u>Report</u>	<u>Document Number</u>
Fourth Quarter 1993	ESH-EMS-930099
Third Quarter 1993	ESH-EMS-930098
Second Quarter 1993	ESH-EMS-930097
First Quarter 1993	ESH-EMS-930096
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
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-90-0131
Fourth Quarter 1989	ESH-EMS-890046
Third Quarter 1989	ESH-EMS-890045
Second Quarter 1989	ESH-EMS-890044
First Quarter 1989	ESH-EMS-890043
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

INDEX OF WELL INFORMATION

<u>Report</u>	<u>Document Number</u>
Fourth Quarter 1993	ESH-EMS-930099
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

SITE INDEX BY WELL SERIES

The following list includes all the well series listed in the index and a description of each.

<u>Well Series</u>	<u>Site Description</u>
ABG	Incorrectly reported; should be ABW
ABP	A-Area Metals Burning Pit
ABW	A-Area Background Well Near the Firing Range
AC	A-Area Cluster Perimeter Wells M-Area Plume Definition Wells
ACB	A-Area Coal Pile Runoff Containment Basin
ACP	Series renamed; should be MCB
AMB	Metallurgical Laboratory Seepage Basin
AMH	A- and M-Area Horizontal Wells
AOB	Motor Shop Oil Basin
ARP	A-Area Burning/Rubble Pits
ASB	Savannah River Laboratory (SRL) Seepage Basins
ASP	Z Area
BG	Burial Grounds Burial Grounds Grid Wells Just North of the Burial Grounds Just Outside the Fence Surrounding the Burial Grounds
BGO	Burial Grounds Perimeter Wells
BGW	Series renamed; should be BGO
BGX	E-Area Vaults Near the Burial Grounds
BH	S-Area Defense Waste Processing Facility (DWPF) Boreholes and Piezometers
BRD	Road A Chemical Basin (Baxley Road)
BRR	Burma Road Rubble Pit
BTH	Bentonite Test Pit Wells, Across From the Entrance to the Burial Grounds on Road E
CBR	N-Area (Central Shops) Burning/Rubble Pit South of the Ford Building Seepage Basin
CCB	C-Area Coal Pile Runoff Containment Basin
CCP	C-Area Coal Pile Study
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	N-Area (Central Shops) Diesel Spill Characterization and Remediation Wells
CSO	Fire Department Training Facility
CSR	N-Area (Central Shops) Burning/Rubble Pits

INDEX OF WELL INFORMATION

<u>Well Series</u>	<u>Site Description</u>
D	Proposed wells in D Area (1986)
DBP	D-Area Burning/Rubble Pits
DCB	D-Area Coal Pile Runoff Containment Basin and Ash Basins
DOB	D-Area Oil Disposal Basin
DPB	Incorrectly reported; should be DBP
DRB	Deep Rock Borings
F	F-Area Seepage Basins
FAC	F-Area Acid/Caustic Basin
FAL	F-Area A Line
FBP	F-Area Burning/Rubble Pits
FC	F-Area Hydrology Clusters
FCA	F-Area Canyon Building
FCB	F-Area Coal Pile Runoff Containment Basin
FET	F-Area Effluent Treatment Cooling Water Basin
FIW	F-Area Injection Wells
FMC	F-Area Seepage Basins Vertical Radionuclide Distribution Wells
FNB	Old F-Area Seepage Basin
FSB	F-Area Seepage Basins
FSL	F-Area Inactive Process Sewer Line Wells for Groundwater Assessment
FSS	F-Area Sludge Land Application Site
FTF	F-Area Tank Farm
GBW	Background Well Near Hawthorne Fire Tower
GCD	Burial Grounds
H	H-Area Seepage Basins
HAC	H-Area Acid/Caustic Basin
HAP	H-Area Auxiliary Pump Pit
HC	H-Area Hydrology Clusters
HCA	H-Area Canyon Building
HCB	H-Area Coal Pile Runoff Containment Basin
HCC	H-Area Canyon Building
HET	H-Area Effluent Treatment Cooling Water Basin
HIW	H-Area Injection Wells
HMD	Hazardous Waste/Mixed Waste Disposal Facility
HP	Upper Tank Farm
HPT	Aquifer Characterization Test Wells in H Area Between the Burial Grounds and Road 4
HR3	Old H-Area Retention Basin
HR8	H-Area Retention Basin
HSB	H-Area Seepage Basins
HSC	Incorrectly reported; should be HSB
HSL	H-Area Inactive Process Sewer Line Wells for Groundwater Assessment
HSS	H-Area Sludge Land Application Site
HTF	H-Area Tank Farm
HWB	Incorrectly reported; should be HWS
HWS	Hazardous Waste Storage Facility
HXB	Ford Building Seepage Basin
IDB	Interim Waste Technology Site Characterization Wells, Site B
IDP	Interim Waste Technology Site Characterization Wells, Site P
IDQ	Interim Waste Technology Site Characterization Wells, Site Q
K	K-Area Wind Tower Piezometers at Road B
KAB	K-Area Ash Basin
KAC	K-Area Acid/Caustic Basin

INDEX OF WELL INFORMATION

<u>Well Series</u>	<u>Site Description</u>
KCB	K-Area Coal Pile Runoff Containment Basin
KDB	K-Area Disassembly Basin
KDT	K-Area Diesel Tank
KRB	K-Area Retention Basin
KRD	Incorrectly reported; should be KRB
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
LWF	Incorrectly reported; should be LFW
M	Proposed well series (1986)
M12	Series renamed; should be NPM
MCB	Miscellaneous Chemical Basin
MGA	Series A, Monitoring Grid Wells for Burial Grounds
MGC	Series C, Monitoring Grid Wells for Burial Grounds
MGE	Series E, Monitoring Grid Wells for Burial Grounds
MGG	Series G, Monitoring Grid Wells for Burial Grounds
MHM	Geophysical Test Holes for the Horizontal Well Characterization Study in M Area
MHT	Savannah River Technology Center (SRTC) Monitoring Wells for the Horizontal Well Characterization Study in M Area
MHV	Vapor Probes Adjacent to the Horizontal Wells in M Area
MS	Incorrectly reported; should be MSB
MSB	M-Area Hazardous Waste Management Facility (HWMF) M-Area Plume Definition Wells
MVC	M-Area Vadose Zone Vapor Probes
MVE	M-Area Vadose Zone Extraction Wells
MWD	Potential Hazardous Waste/Mixed Waste Disposal Facility
N13	Series renamed; should be NPN
NBG	Wells between the F-Area Canyon Building and the Naval Fuel Material Facility
NMP	Incorrectly reported; should be NPM
NPM	Potential New Production Reactor Site Characterization Wells
NPN	Potential New Production Reactor Site Characterization Wells
NTN	Potential New Production Reactor Site Characterization Wells
NTS	Potential New Production Reactor Site Characterization Wells
NTW	Potential New Production Reactor Site Characterization Wells
OBS	Unofficial wells in Z Area
P	SRS Baseline Hydrogeologic Investigation Observation Well Clusters
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

INDEX OF WELL INFORMATION

<u>Well Series</u>	<u>Site Description</u>
PW	Production Wells—Scattered over SRS
PW	Unofficial wells in Z Area
PZ	Z-Area Piezometer Wells
R	Proposed Wells (1986); some were renamed RSE and RSF
RAC	R-Area Acid/Caustic Basin
RCP	R-Area Coal Pile
RDB	R-Area Dissassembly 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
RSS	S-Area Defense Waste Processing Facility (DWPF)
RSSF	Incorrectly reported; should be RSS
RWM	M-Area Recovery Wells
S	Wells predating the construction of SRS
SB	Special Burial Wells in the Burial Grounds
SBG	S-Area Defense Waste Processing Facility (DWPF) Background Wells
SCA	S-Area Vitrification Building
SDS	Z-Area Saltstone Disposal Site Facility
SLP	S-Area Low-Point Pump Pit
SLW	New Sanitary Landfill Piezometer Wells
SRW	Silverton Road Waste Site
SSS	Sewage Sludge Application Sites
T18N	Series renamed; should be NTN
T18S	Series renamed; should be NTS
TBG	TNX Burying Ground
TBNX	Incorrectly reported; should be TNX
TNX	TNX-Area Assessment Wells
WW	Burial Grounds Expansion 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
ZW	F Area
	H Area
241-H	H-Area Tank Farm, between Tanks 9 and 11
905	Domestic or production wells

INDEX OF WELL INFORMATION

INDEX OF WELL INFORMATION: 1986-1993 QUARTERLY REPORTS

ABG Series (Incorrectly reported; should be ABW)

Corrections: 1Q87, 9
Well Maintenance: 1Q86, 4

ABP Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 6; 4Q87, 4; 1Q88, 7; 3Q88, 5; 4Q88, 4; 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6; 4Q90, 5; 1Q91, 6; 2Q91, 4; 3Q91, 6; 4Q91, 4, B-5, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 5

Corrections: 1Q89, 19, 25; 1Q90, 15-17
Well Maintenance: 2Q87, 12; 3Q87, 12; 2Q88, 17; 1Q89, 31; 3Q90, 21
Well Construction: 2Q89, 18, 19; 3Q89, 22-23
Well Stabilization: 3Q89, 27
Surveying: 3Q89, 35; 4Q89, 31
Sample Scheduling: 3Q88, 36; 1Q89, 75; 3Q89, 40; 4Q90, 55
Sample Collection: 3Q86, 22; 4Q86, 31; 1Q87, 30; 2Q87, 27; 3Q87, 31; 4Q87, 30; 1Q88, 85; 2Q88, 53; 3Q88, 41; 4Q88, 51; 1Q89, 77; 3Q89, 43; 4Q89, 39; 1Q90, 65; 2Q90, 47; 3Q90, 55; 4Q90, 55; 1Q91, 21

Field Notes: 2Q91, 27; 3Q91, 34; 4Q91, 30; 1Q92, 30; 2Q92, 34; 3Q92, 30; 4Q92, 30; 1Q93, 38; 2Q93, 38; 3Q93, 48; 4Q93, 36

Sample Analysis: 1Q87, 56; 3Q87, 42, 46, 50, 52; 3Q88, 52, 78-79, 82; 1Q89, 137; 2Q89, 106-108; 3Q89, 58, 68, 96-97; 4Q89, 56; 1Q90, 86-89, 93; 2Q90, 67, 69; 3Q90, 76-82, 87-88, 90-92; 4Q90, 74, 77-79, 81-87

Analytical-Data Review: 1Q91, 36-37, 40, 42-45, 51-53, 60; 2Q91, 42-43, 45, 47, 49, 54-56, 58-59; 3Q91, 48-49, 53, 57, 60-61, 63; 4Q91, 47-48, 50-52, 54-55; 1Q92, 49, 51-52, 54, 57-60; 2Q92, 54, 58, 61; 3Q92, 46, 49-50, 56; 4Q92, 44-45, 50; 1Q93, 57-61, 65; 2Q93, 55, 56; 3Q93, 64-66, 70; 4Q93, 51-55

Quality Control Samples: 1Q90, 105; 2Q90, 91; 3Q90, 111, 123-124, 126-127; 4Q90, 101, 112-113; 1Q91, 75, 87-91; 2Q91, 79; 3Q91, 73, 79; 1Q92, 73, 83-86; 2Q92, 75, 85; 3Q92, 71, 83-85; 4Q92, 63; 1Q93, 83, 97; 2Q93, 77, 94; 3Q93, 83, 97, 100; 4Q93, 71, 84, 85, 88

Water Level Data: 4Q88, 292; 1Q89, 426; 2Q89, 418; 3Q89, 446; 4Q89, 442; 1Q90, 595; 2Q90, 559; 3Q90, 693; 4Q90, 525; 1Q91, 769; 2Q91, 533; 3Q91, 135; 4Q91, 125; 1Q92, 95; 2Q92, 97; 3Q92, 91; 4Q92, 81; 1Q93, 111; 2Q93, 103; 3Q93, 117; 4Q93, 113

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

ABW Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 6; 4Q87, 4; 3Q88, 4; 1Q89, 5; 3Q89, 5; 4Q89, 4; 3Q91, 6; 4Q91, C-7; 1Q92, 6; 1Q93, 7

Corrections: 1Q87, 9; 1Q89, 19, 21, 24
Well Maintenance: 2Q87, 12; 4Q88, 13; 3Q90, 22
Sample Scheduling: 3Q88, 36
Sample Collection: 3Q86, 22; 4Q86, 31; 1Q87, 30; 2Q87, 27; 3Q87, 31; 4Q87, 30; 1Q88, 85; 2Q88, 53

Sample Analysis: 1Q87, 56

INDEX OF WELL INFORMATION

ABW Series (cont.)

Analytical-Data Review: 1Q91, 39, 44; 1Q93, 53, 60, 65, 68; 4Q93, 51
 Quality Control Samples: 1Q91, 87; 1Q93, 83, 97, 100
 Water Level Data: 4Q88, 292; 1Q89, 426; 2Q89, 418; 3Q89, 446; 4Q89, 442; 1Q90, 595;
 2Q90, 560; 3Q90, 693; 4Q90, 526; 1Q91, 769; 2Q91, 533; 3Q91, 135;
 4Q91, 125; 1Q92, 95; 2Q92, 97; 3Q92, 91; 4Q92, 81; 1Q93, 111;
 2Q93, 103; 3Q93, 117; 4Q93, 113
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

AC Series

Executive Summary: 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6;
 4Q90, 5; 2Q91, 4; 3Q91, 6; 4Q91, B-5, C-7; 1Q92, 6; 1Q93, 8; 2Q93,
 5; 3Q93, 7
 Corrections: 1Q89, 15, 19, 21, 24
 Well Maintenance: 3Q90, 22
 Sample Collection: 2Q88, 53; 1Q89, 77; 2Q89, 43; 3Q89, 43; 4Q89, 39; 1Q90, 65; 2Q90,
 47; 3Q90, 55; 4Q90, 55; 1Q91, 21
 Field Notes: 2Q91, 27; 3Q91, 34; 1Q92, 30; 2Q92, 34; 1Q93, 38; 3Q93, 48; 4Q93,
 36
 Sample Analysis: 2Q90, 68
 Analytical-Data Review: 1Q91, 40-41; 2Q91, 43, 45, 47, 50-51, 54, 56-58; 3Q91, 49, 56-57,
 59-60; 4Q91, 53; 1Q92, 52; 1Q93, 57, 59, 60; 2Q93, 55; 3Q93, 65;
 4Q93, 51, 52, 55
 Quality Control Samples: 4Q90, 101; 2Q91, 71, 80; 4Q92, 63, 80; 3Q93, 83; 4Q93, 71, 88
 Water Level Data: 4Q88, 293-294; 1Q89, 426; 2Q89, 418; 3Q89, 446; 4Q89, 442; 1Q90,
 595-596; 2Q90, 560; 2Q90, 68; 3Q90, 693-694; 4Q90, 526;
 1Q91, 769-770; 2Q91, 533-534; 3Q91, 135-136; 4Q91, 125-126;
 1Q92, 95-96; 2Q92, 97-98; 3Q92, 91-92; 4Q92, 81-82; 1Q93, 111,
 112; 2Q93, 103, 104; 3Q93, 115, 116; 4Q93, 113, 114
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

ACB Series

Executive Summary: 1Q87, 5; 2Q87, 4; 3Q87, 6; 1Q88, 7; 3Q88, 4; 1Q89, 5; 2Q89, 5;
 3Q89, 5; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6; 4Q90, 5; 1Q91, 6;
 3Q91, 6; 4Q91, C-7; 1Q92, 6; 3Q92, 6; 1Q93, 8; 2Q93, 6; 3Q93, 7;
 4Q93, 5
 Corrections: 1Q89, 19
 Well Maintenance: 2Q87, 12; 2Q88, 17; 4Q88, 13; 3Q89, 15; 4Q89, 13; 3Q90, 22
 Sample Scheduling: 2Q88, 52; 3Q88, 36; 1Q89, 75
 Sample Collection: 3Q86, 22; 4Q86, 31; 1Q87, 30; 2Q87, 27; 3Q87, 31; 4Q87, 30; 1Q88,
 85; 2Q88, 53; 3Q88, 41; 4Q88, 51; 1Q89, 77; 2Q89, 43; 4Q89, 39;
 2Q90, 47; 3Q90, 76, 80, 91-92; 4Q90, 55; 1Q91, 21
 Field Notes: 3Q91, 34; 2Q92, 34; 3Q92, 30; 4Q92, 30; 1Q93, 38; 2Q93, 38; 4Q93,
 36
 Sample Analysis: 1Q87, 55-56; 3Q87, 51-52; 1Q88, 121; 2Q88, 70, 91; 3Q88, 52, 77,
 82; 1Q89, 132-133; 2Q89, 106-108; 1Q90, 87-89; 2Q90, 68-69; 3Q90,
 76, 80, 91-92
 Analytical-Data Review: 1Q91, 36-37, 39-45, 63; 3Q91, 59, 61; 1Q92, 49, 51-52, 60, 62;
 3Q92, 50; 1Q93, 52, 54, 56, 58, 60, 61, 66, 68, 69; 2Q93, 56-58; 3Q93,
 64; 4Q93, 51

INDEX OF WELL INFORMATION

ACB Series (cont.)

Quality Control Samples: 3Q90, 111, 125-126; 3Q91, 74; 1Q92, 73-74, 84-86; 2Q92, 76; 1Q93, 83, 98, 100; 2Q93, 77, 90; 4Q93, 71, 84, 86, 88
 Water Level Data: 4Q88, 294; 1Q89, 426; 2Q89, 418; 3Q89, 446-447; 4Q89, 442-443; 1Q90, 596; 2Q90, 560; 3Q90, 694; 4Q90, 526; 1Q91, 770; 2Q91, 534; 3Q91, 136; 4Q91, 126; 1Q92, 96; 2Q92, 98; 3Q92, 92; 4Q92, 82; 1Q93, 112; 2Q93, 104; 3Q93, 118; 4Q93, 114
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

ACP Series (Series renamed; should be MCB)

Corrections: 1Q87, 9
 Surveying: 2Q86, 13

AMB Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 6; 2Q87, 5; 3Q87, 6; 4Q87, 5; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4; 1Q89, 6; 2Q89, 5; 3Q89, 6; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6; 4Q90, 5; 1Q91, 6; 2Q91, 5; 3Q91, 7; 4Q91, 5, B-6, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 6
 Corrections: 1Q89, 14, 16, 25; 1Q90, 16, 18
 Well Abandonment: 3Q88, 12; 3Q90, 19
 Well Maintenance: 2Q87, 12
 Well Construction: 4Q88, 16-17; 4Q89, 16-18
 Well Stabilization: 4Q88, 25-26; 4Q89, 25-27
 Surveying: 4Q88, 47; 4Q89, 31
 Sample Scheduling: 3Q88, 36, 40; 4Q88, 50; 1Q89, 76; 2Q89, 42; 3Q89, 38; 4Q89, 35
 Sample Collection: 3Q86, 22; 4Q86, 31; 1Q87, 30; 2Q87, 27; 3Q87, 31; 4Q87, 30; 1Q88, 85; 2Q88, 53; 4Q88, 51; 1Q89, 77-78; 2Q89, 43; 3Q89, 43; 4Q89, 39-40; 1Q90, 65-66; 2Q90, 48; 3Q90, 56; 4Q90, 56; 1Q91, 21
 Field Notes: 2Q91, 27; 3Q91, 34; 4Q91, 30; 1Q92, 30; 2Q92, 34; 3Q92, 30; 4Q92, 30; 1Q93, 38; 2Q93, 38; 3Q93, 48; 4Q93, 36
 Sample Analysis: 3Q86, 33; 4Q86, 40; 1Q87, 55; 2Q87, 37, 43; 3Q87, 52; 4Q87, 56, 78; 1Q88, 121; 2Q88, 70, 93; 4Q88, 92; 1Q89, 132-133; 2Q89, 106-108, 114; 3Q89, 58, 68, 92-93, 96-97; 4Q89, 101; 1Q90, 84-86, 88-89, 93; 2Q90, 68-69, 72; 3Q90, 76, 78-81, 85, 87, 90, 95; 4Q90, 74, 77-79, 85, 90
 Analytical-Data Review: 1Q91, 36-37, 41-43, 45; 2Q91, 42-43, 45, 47, 49-51, 55-59; 3Q91, 48-49, 51-55, 58-62, 64-65; 4Q91, 47-49, 51-55; 1Q92, 49-53, 60; 2Q92, 49-55, 61; 3Q92, 46, 49-52; 4Q92, 43-46, 50; 1Q93, 56-61, 65-68, 70; 2Q93, 53, 55-57; 3Q93, 62-67, 70; 4Q93, 51-53, 57
 Quality Control Samples: 1Q90, 105, 113; 2Q90, 91, 102, 104-105, 110-111; 3Q90, 111, 125-126; 4Q90, 101, 110, 112-113; 3Q91, 73, 78-79; 4Q91, 65; 1Q92, 73, 84-86; 2Q92, 75, 84, 87; 4Q92, 63, 72-74; 1Q93, 83, 100; 3Q93, 83, 96, 97, 100; 4Q93, 71, 84, 87, 88
 Water Level Data: 4Q88, 294-295; 1Q89, 426-427; 2Q89, 418-419; 3Q89, 447; 4Q89, 443; 1Q90, 596; 2Q90, 560-561; 3Q90, 694; 4Q90, 526-527; 1Q91, 770; 2Q91, 534; 3Q91, 136; 4Q91, 126, 127; 1Q92, 96-97; 2Q92, 98-99; 3Q92, 92-93; 4Q92, 82-83; 1Q93, 112, 113; 2Q93, 104, 105; 3Q93, 118, 119; 4Q93, 114, 115
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

INDEX OF WELL INFORMATION

AMH Series

Surveying: 4Q88, 47

AOB Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 6; 2Q87, 4; 3Q87, 6; 4Q87, 4; 1Q88, 7; 3Q88, 5; 4Q88, 4; 1Q89, 6; 2Q89, 5; 3Q89, 6; 4Q89, 4; 1Q90, 7; 2Q90, 6; 3Q90, 6; 4Q90, 5; 1Q91, 7; 2Q91, 5; 3Q91, 7; 4Q91, 5, B-6, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 6

Corrections: 1Q89, 20, 25; 1Q90, 17

Well Maintenance: 1Q88, 19; 2Q88, 17; 4Q88, 13; 4Q89, 13

Well Construction: 2Q89, 19

Well Stabilization: 3Q89, 28

Surveying: 2Q89, 37; 3Q89, 35

Sample Scheduling: 3Q88, 36; 4Q88, 50; 1Q89, 75

Sample Collection: 3Q86, 23; 4Q86, 31; 1Q87, 30; 2Q87, 27; 3Q87, 31; 4Q87, 30; 1Q88, 85; 2Q88, 54; 3Q88, 41; 4Q88, 52; 1Q89, 78; 2Q89, 43; 3Q89, 43; 4Q89, 40; 1Q90, 66; 2Q90, 48; 3Q90, 56; 4Q90, 56; 1Q91, 21

Field Notes: 2Q91, 27; 3Q91, 34; 4Q91, 30; 1Q92, 30; 2Q92, 34; 3Q92, 30; 4Q92, 30; 1Q93, 38; 2Q93, 38; 3Q93, 48; 4Q93, 36

Sample Analysis: 1Q88, 119, 122; 4Q88, 66-67, 92; 1Q89, 133; 2Q89, 107; 3Q89, 93; 1Q90, 86-89; 2Q90, 66-67; 3Q90, 76, 80

Analytical-Data Review: 1Q91, 42-44, 48-49, 56, 58, 60; 3Q91, 49, 53, 57, 64; 4Q91, 47, 52, 54-55; 1Q92, 49-50, 52-53, 58-60; 2Q92, 55, 57-59, 61; 3Q92, 47, 49; 4Q92, 44-45, 50; 1Q93, 57, 60, 61; 2Q93, 57; 4Q93, 51-53, 55

Quality Control Samples: 1Q91, 75, 90; 2Q91, 71; 3Q91, 74; 4Q91, 65; 1Q92, 73-74, 83-86; 2Q92, 75-76, 86-87; 4Q92, 63, 72-74; 4Q93, 71, 84, 87

Water Level Data: 4Q88, 295; 1Q89, 427; 2Q89, 419; 3Q89, 447; 4Q89, 443; 1Q90, 596; 2Q90, 561; 3Q90, 694; 4Q90, 527; 1Q91, 770; 2Q91, 534; 3Q91, 136; 4Q91, 127; 1Q92, 97; 2Q92, 99; 3Q92, 93; 4Q92, 83; 1Q93, 113; 2Q93, 105; 3Q93, 119; 4Q93, 115

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

ARP Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 6; 4Q87, 4; 1Q88, 7; 3Q88, 4; 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6; 4Q90, 5; 1Q91, 6; 2Q91, 4; 3Q91, 6; 4Q91, 4, B-5, C-7; 1Q92, 6; 2Q92, 4; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 5; 3Q93, 7; 4Q93, 5

Corrections: 4Q87, 7; 1Q89, 19

Well Maintenance: 3Q86, 11; 2Q87, 12; 1Q88, 19; 4Q88, 13; 1Q89, 31; 4Q89, 13; 1Q90, 23; 3Q90, 22; 4Q90, 17

Sample Scheduling: 3Q88, 36; 4Q88, 50; 3Q89, 38; 2Q91, 26; 3Q91, 30; 4Q93, 33

Sample Collection: 3Q86, 23; 4Q86, 32; 1Q87, 31; 2Q87, 27; 3Q87, 31; 4Q87, 30; 1Q88, 86; 2Q88, 54; 3Q88, 41; 4Q88, 52; 1Q89, 78; 2Q89, 44; 3Q89, 44; 4Q89, 40; 1Q90, 66; 2Q90, 48; 3Q90, 56; 4Q90, 56; 1Q91, 22

Field Notes: 2Q91, 27-28; 3Q91, 34; 4Q91, 30; 1Q92, 30; 2Q92, 34; 3Q92, 30; 4Q92, 30; 2Q93, 38; 4Q93, 36

Sample Analysis: 4Q86, 45; 2Q87, 43; 1Q88, 122; 4Q88, 92; 2Q89, 58-89; 2Q89, 106-107, 111, 113-114; 3Q89, 92-93; 4Q89, 56; 1Q90, 86-88; 3Q90, 80; 4Q90, 76, 86-87, 90

INDEX OF WELL INFORMATION

ARP Series (cont.)

Analytical-Data Review: 1Q91, 37, 40-44, 48-49, 56-58; 3Q91, 48-49, 59-60, 62; 4Q91, 57; 1Q92, 52-53; 3Q92, 49-50; 4Q92, 46; 1Q93, 52, 60; 2Q93, 55, 57; 3Q93, 65, 69; 4Q93, 51

Quality Control Samples: 2Q90, 91; 1Q91, 75, 87-90; 2Q92, 76; 3Q93, 83, 97, 100; 4Q93, 71, 84, 85, 87

Water Level Data: 4Q88, 295-296; 1Q89, 427; 2Q89, 419; 3Q89, 447; 4Q89, 443; 1Q90, 596; 2Q90, 561; 3Q90, 694; 4Q90, 527; 1Q91, 771; 2Q91, 535; 3Q91, 137; 4Q91, 127; 1Q92, 97; 2Q92, 99; 3Q92, 93; 4Q92, 83; 1Q93, 113; 2Q93, 105; 3Q93, 119; 4Q93, 115

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

ASB Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 6; 2Q87, 5; 3Q87, 6; 4Q87, 5; 1Q88, 7; 2Q88, 5; 3Q88, 5; 4Q88, 4; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 4; 1Q90, 7; 2Q90, 6; 3Q90, 7; 4Q90, 5; 1Q91, 7; 2Q91, 5; 3Q91, 7; 4Q91, 5, B-2, B-6, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 7; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 6

Corrections: 4Q86, 9; 1Q87, 9; 4Q87, 7; 1Q89, 14-16, 20-22, 25; 1Q90, 16-18; 3Q90, 17

Well Maintenance: 1Q86, 4; 2Q86, 4; 3Q86, 11, 14; 4Q86, 12; 2Q87, 13; 1Q88, 19; 2Q88, 17; 4Q88, 13; 1Q89, 31; 4Q89, 13; 1Q90, 23; 3Q90, 22; 4Q90, 18

Well Construction: 1Q89, 38; 4Q90, 20-21

Well Stabilization: 1Q89, 57-58

Surveying: 1Q89, 71; 4Q90, 49

Sample Scheduling: 3Q88, 36, 40; 4Q88, 50; 1Q89, 76; 2Q89, 41; 3Q89, 39; 4Q89, 35; 2Q91, 26; 3Q91, 30

Sample Collection: 3Q86, 23; 4Q86, 32; 1Q87, 31; 2Q87, 28; 3Q87, 31; 4Q87, 31; 1Q88, 86; 2Q88, 54; 3Q88, 42; 4Q88, 52; 1Q89, 78; 2Q89, 44; 3Q89, 44; 4Q89, 40; 1Q90, 66; 2Q90, 48; 3Q90, 56; 4Q90, 56; 1Q91, 22

Field Notes: 2Q91, 28; 3Q91, 34; 4Q91, 30; 1Q92, 30; 2Q92, 34; 3Q92, 30; 4Q92, 30; 1Q93, 38; 2Q93, 38; 3Q93, 48; 4Q93, 36

Sample Analysis: 4Q86, 44-45; 1Q87, 43, 56; 2Q87, 43; 3Q87, 52; 4Q87, 44, 54-56; 1Q88, 102, 121-122; 3Q88, 76, 78-79; 1Q89, 92, 132-133, 138; 2Q89, 62-65, 68-70, 73, 80, 84-89; 3Q89, 58, 68, 91-93, 96-99; 4Q89, 56, 66, 100; 1Q90, 86-90, 93-94, 96; 2Q90, 67-70, 73, 75; 3Q90, 76-78, 80-81, 85, 88-89, 93, 95-96; 4Q90, 74-79, 84, 87-88, 90

Analytical-Data Review: 1Q91, 36-37, 39, 42-43, 45, 48, 52-55, 57-60, 63; 2Q91, 42-43, 45-49, 51-59, 61; 3Q91, 51, 53, 58-61, 63-65; 4Q91, 50, 53-58, B-8, C-10; 1Q92, 48-49, 51-53, 56-57, 59-60; 2Q92, 51-52, 54-55, 57, 59, 61, 63; 3Q92, 47-51, 54, 56, 58-59; 4Q92, 42, 45-46, 48, 50; 1Q93, 53, 56-61, 65, 67; 2Q93, 52-54, 56, 57, 63; 3Q93, 62-66, 72; 4Q93, 50-56, 60

Quality Control Samples: 1Q90, 105, 113-114; 2Q90, 91, 102-105; 3Q90, 111, 124-127; 4Q90, 101, 110-111; 1Q91, 75, 87, 89; 2Q91, 71, 79; 3Q91, 73-74, 79; 4Q91, 65, 71; 1Q92, 73-74, 83-86; 2Q92, 75-76, 85-87; 3Q92, 71, 83-85; 4Q92, 63, 72-74; 1Q93, 83, 98, 99; 2Q93, 77, 91-94; 3Q93, 83, 96, 97, 100; 4Q93, 71, 84-88

Water Level Data: 4Q88, 296-299; 1Q89, 427-428; 2Q89, 419-420; 3Q89, 447-448; 4Q89, 443-444; 1Q90, 596-597; 2Q90, 561-562; 3Q90, 694-695; 4Q90, 527-528; 1Q91, 771-772; 2Q91, 535-536; 3Q91, 137-138; 4Q91, 127-128; 1Q92, 97-98; 2Q92, 99-100; 3Q92, 93-94;

INDEX OF WELL INFORMATION

ASB Series (cont.)

4Q92, 83-84; 1Q93, 113, 114; 2Q93, 105, 106; 3Q93, 119, 120; 4Q93, 115, 116
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

ASP Series

Corrections: 3Q88, 9
 Well Abandonment: 1Q87, 11

BG Series

Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 5; 1Q90, 7; 2Q90, 6; 3Q90, 7; 4Q90, 6; 1Q91, 7; 2Q91, 5; 3Q91, 3; 4Q91, 3, B-2, B-6, C-4; 1Q92, 3; 2Q92, 2; 3Q92, 3; 1Q93, 3; 3Q93, 3
 Corrections: 1Q89, 14, 20-21, 25; 3Q89, 11; 1Q90, 17-19; 3Q90, 15, 17; 1Q93, 19
 Well Abandonment: 2Q87, 9; 4Q87, 10; 1Q88, 15; 2Q88, 14; 3Q88, 11; 4Q88, 11; 1Q89, 27-28; 2Q89, 13
 Surveying: 3Q86, 18-19
 Sample Scheduling: 4Q87, 29; 1Q88, 84; 4Q89, 35
 Sample Collection: 1Q87, 31; 2Q87, 28; 3Q87, 32; 4Q87, 31; 1Q88, 86; 2Q88, 54; 4Q89, 40; 1Q90, 66; 2Q90, 48; 3Q90, 56; 4Q90, 56-57; 1Q91, 21-22
 Field Notes: 2Q91, 27-28; 3Q91, 33-34; 4Q91, 29-30; 1Q92, 29-30; 2Q92, 33-34; 3Q92, 29-30; 4Q92, 29-30; 1Q93, 37, 38; 2Q93, 37, 38; 3Q93, 47, 48; 4Q93, 35, 36
 Sample Analysis: 2Q87, 44; 3Q87, 53; 4Q87, 57; 1Q88, 124; 2Q88, 85, 94; 3Q88, 77, 83; 1Q89, 132, 138-139; 2Q89, 115; 3Q89, 91-92, 96, 100; 4Q89, 100, 105; 1Q90, 85, 87, 89-90, 93, 97; 2Q90, 66-70, 76, 79; 3Q90, 76, 78-82, 87-89, 91, 96-97; 4Q90, 74-79, 81, 85, 86, 88, 91
 Analytical-Data Review: 1Q91, 36-45, 47-56, 63; 2Q91, 42-43, 46, 48-49, 51, 55, 57-59; 3Q91, 48, 54-55, 58-61; 4Q91, 51-56, B-8; 1Q92, 49, 51, 53-54, 59; 3Q92, 46, 49-52, 59; 1Q93, 52, 53, 56-61, 73; 3Q93, 63-66, 73
 Quality Control Samples: 1Q90, 112; 3Q90, 111, 124-126; 4Q90, 101, 110, 112-113; 1Q91, 75, 87-90; 2Q91, 71, 79; 3Q91, 73, 79; 1Q92, 73, 86; 1Q93, 96
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

BGO Series

Executive Summary: 1Q88, 1, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 5; 1Q90, 7; 2Q90, 6; 3Q90, 7; 4Q90, 6; 1Q91, 8; 2Q91, 5; 3Q91, 3; 4Q91, 3, B-2, B-6, C-4; 1Q92, 3; 2Q92, 2; 3Q92, 3; 4Q92, 3; 1Q93, 4; 2Q93, 3; 3Q93, 3; 4Q93, 3
 Corrections: 2Q88, 9; 3Q88, 9; 1Q89, 11, 14, 20, 25; 3Q89, 11; 4Q89, 9; 1Q90, 15-20
 Well Maintenance: 1Q89, 31; 3Q89, 15-16; 1Q90, 23; 3Q90, 22
 Well Construction: 1Q88, 21-32; 1Q89, 39-43; 2Q89, 19-22
 Well Stabilization: 1Q88, 53-62; 2Q89, 25-32
 Surveying: 1Q88, 79-80; 2Q89, 37
 Sample Scheduling: 3Q88, 39; 1Q89, 74; 2Q89, 40; 3Q89, 38, 40; 4Q89, 35-36; 2Q91, 26; 3Q91, 30; 4Q91, 27; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93, 35; 2Q93, 35; 3Q93, 45, 46; 4Q93, 33

INDEX OF WELL INFORMATION

BGO Series (cont.)

Sample Collection:	1Q88, 86-87; 2Q88, 54-55; 3Q88, 42; 4Q88, 52, 1Q89, 78-79; 2Q89, 44-45; 3Q89, 44-45; 4Q89, 40-41; 1Q90, 67-68; 2Q90, 49-50; 3Q90, 56-58; 4Q90, 57-58; 1Q91, 22-23
Field Notes:	2Q91, 28-29; 3Q91, 35-36; 4Q91, 30-32; 1Q92, 30-32; 2Q92, 34-35; 3Q92, 30-32; 4Q92, 30-31; 1Q93, 38-40; 2Q93, 38, 39; 3Q93, 48, 49; 4Q93, 36, 37
Sample Analysis:	1Q88, 121; 2Q88, 70-71, 77, 85, 87-91; 3Q88, 52-53, 68, 75-81, 83; 4Q88, 67-69, 92-97; 1Q89, 92-94, 118-119, 130-133, 135-136; 2Q89, 58-89, 91, 108-115; 3Q89, 58, 68, 90, 92-98; 4Q89, 56, 66-67, 100-103; 1Q90, 82-90, 93-97; 2Q90, 66-75, 77-78; 3Q90, 76-77, 79-81, 83-96; 4Q90, 74-75, 77, 80-89
Analytical-Data Review:	1Q91, 36, 42-44, 47-61; 2Q91, 42-62; 3Q91, 48-56, 58-64; 4Q91, 45-56, 58, B-8, C-10, C-11; 1Q92, 48-54, 56, 59-62; 2Q92, 49-62; 3Q92, 46-59; 4Q92, 42, 44-47, 49-52; 1Q93, 52-62, 65, 68-70, 73; 2Q93, 52-58, 60-62, 64; 3Q93, 62-67, 69-71, 73; 4Q93, 51-54, 57-60
Quality Control Samples:	1Q90, 105, 112-113; 2Q90, 91, 102-104, 111-112; 3Q90, 111, 124-126; 4Q90, 101, 110, 112; 1Q91, 75, 87-91; 2Q91, 71, 78-80; 3Q91, 73, 79; 4Q91, 65, 71; 1Q92, 73, 83-86; 2Q92, 75, 84-87; 3Q92, 71, 81-85; 4Q92, 63, 72-74; 1Q93, 83, 96, 98, 100; 2Q93, 77, 89, 90, 92, 94; 3Q93, 83, 96-100; 4Q93, 71, 84-88
Water Level Data:	4Q88, 299-301; 1Q93, 114-119; 2Q93, 106-110; 3Q93, 120-125; 4Q93, 116-121
Site Index:	1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

BGW Series (Series renamed; should be BGO)

Surveying:	3Q86, 18
------------	----------

BGX Series

Executive Summary:	2Q91, 1, 5; 3Q91, 3; 4Q91, 3, B-6, C-4; 1Q92, 3; 2Q92, 3; 3Q92, 3; 4Q92, 3; 1Q93, 4; 2Q93, 3; 3Q93, 4; 4Q93, 3
Sample Scheduling:	2Q93, 35; 3Q93, 46; 4Q93, 33
Field Notes:	2Q91, 29; 3Q91, 36; 4Q91, 32; 1Q92, 32; 2Q92, 35-36; 3Q92, 32; 4Q92, 31; 1Q93, 40; 2Q93, 33; 3Q93, 49; 4Q93, 37
Analytical-Data Review:	2Q91, 42, 49, 60; 3Q91, 48, 50-51, 53, 58-63; 4Q91, 46-47, 50-56; 1Q92, 48-49, 51-54, 60; 2Q92, 50-55, 58, 61; 3Q92, 46-52, 55-56, 59; 4Q92, 42-43, 45-47; 1Q93, 53-61, 65-68, 70; 2Q93, 52, 54-57, 62-64; 3Q93, 63-67, 70, 71; 4Q93, 51, 53, 54, 58, 59
Quality Control Samples:	2Q91, 71; 3Q91, 73, 79; 4Q91, 65, 71; 1Q92, 73, 85-86; 2Q92, 75, 85-87; 3Q92, 71, 82-85; 1Q93, 83, 96-100; 2Q93, 77, 89, 91-93; 3Q93, 83, 97, 98, 100; 4Q93, 71, 85, 88
Water Level Data:	1Q93, 119, 120; 2Q93, 110, 111; 3Q93, 125, 126; 4Q93, 121, 122
Site Index:	1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

INDEX OF WELL INFORMATION

BH Series

Well Abandonment: 4Q87, 10; 1Q88, 16

BRD Series

Executive Summary: 3Q86, 6; 4Q86, 6; 1Q87, 7; 2Q87, 5; 3Q87, 8; 4Q87, 5; 1Q88, 8; 3Q88, 5; 2Q89, 7; 3Q89, 7; 1Q90, 8; 3Q90, 8; 4Q90, 7; 1Q91, 9; 2Q91, 6; 3Q91, 8; 4Q91, 6, B-7, C-9; 1Q92, 8; 2Q92, 6; 3Q92, 8; 4Q92, 6; 1Q93, 10; 2Q93, 7; 3Q93, 9

Corrections: 4Q87, 7; 1Q89, 21

Well Maintenance: 3Q87, 12; 1Q89, 31

Well Construction: 3Q89, 23

Well Stabilization: 3Q89, 28

Surveying: 3Q89, 35

Sample Scheduling: 3Q88, 36; 3Q89, 40

Sample Collection: 3Q86, 23; 4Q86, 32; 1Q87, 31; 2Q87, 28; 3Q87, 32; 4Q87, 31; 1Q88, 87; 2Q88, 55; 3Q88, 42; 1Q89, 79; 2Q89, 45; 3Q89, 45; 4Q89, 41; 1Q90, 68; 2Q90, 66, 69; 3Q90, 58; 4Q90, 58

Field Notes: 2Q91, 29; 3Q91, 36; 4Q91, 32; 1Q92, 32; 2Q92, 36; 3Q92, 32; 4Q92, 31; 1Q93, 40; 2Q93, 39; 3Q93, 49; 4Q93, 37, 38

Sample Analysis: 4Q86, 45; 2Q87, 37, 43; 3Q87, 42; 1Q88, 121; 3Q88, 78; 2Q89, 107; 3Q89, 98; 4Q89, 100; 1Q90, 86; 3Q90, 77-78, 80, 82, 85, 87-89, 91, 94; 4Q90, 74-79, 81, 86-87, 89

Analytical-Data Review: 1Q91, 36, 40-45; 2Q91, 42-43, 45, 48-50, 52-53, 55-56, 58-59; 3Q91, 54-55, 58, 60-61; 4Q91, 48, 52-54; 1Q92, 49, 51, 58-62; 3Q92, 50, 57; 4Q92, 44-45; 1Q93, 54-56, 58, 59, 66-68, 70; 2Q93, 53, 56; 3Q93, 63, 64, 70

Quality Control Samples: 3Q90, 111, 124-126; 4Q90, 101, 110, 112; 2Q91, 71, 79; 3Q91, 73, 79; 1Q92, 73, 83-86; 3Q92, 71, 83-85; 1Q93, 83, 98, 99; 2Q93, 77, 90, 94; 3Q93, 83, 100

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

BRR Series

Executive Summary: 2Q90, 3; 3Q90, 4; 4Q90, 3; 1Q91, 3; 2Q91, 2; 3Q91, 4; 4Q91, 3, B-4, C-4; 1Q92, 4; 2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 4; 2Q93, 3; 3Q93, 4; 4Q93, 3

Well Construction: 1Q90, 28-29

Well Stabilization: 2Q90, 29-30

Surveying: 1Q90, 61

Sample Collection: 2Q90, 50; 3Q90, 58; 4Q90, 58; 1Q91, 23

Field Notes: 2Q91, 29; 3Q91, 36; 4Q91, 32; 1Q92, 32; 2Q92, 36; 3Q92, 32; 4Q92, 32; 1Q93, 40; 2Q93, 39; 3Q93, 49; 4Q93, 38

Sample Analysis: 2Q90, 70-71, 73-75, 77; 3Q90, 86, 88-89, 94; 4Q90, 81-82, 86-88

Analytical-Data Review: 1Q91, 49-51, 53, 56-59; 2Q91, 44, 48; 3Q91, 53, 55-56, 60-61, 63; 4Q91, 47, 53-55; 1Q92, 48, 51-53; 2Q92, 50, 53-54; 3Q92, 46, 50-51; 4Q92, 45; 1Q93, 53-56, 58-60; 2Q93, 53, 54, 56, 64; 3Q93, 64, 65; 4Q93, 52, 54

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

INDEX OF WELL INFORMATION

BTP Series (Series renamed; should be BTH)

Well Abandonment: 2Q88, 14-15

CBR Series

Executive Summary: 2Q90, 6; 3Q90, 8; 1Q91, 8; 2Q91, 6; 3Q91, 7; 4Q91, 5, B-7, C-8
Well Construction: 1Q90, 29-31; 1Q93, 9
Well Stabilization: 2Q90, 31
Surveying: 1Q90, 61
Sample Collection: 2Q90, 50; 3Q90, 58; 4Q90, 58; 1Q91, 23
Field Notes: 4Q91, 32; 1Q92, 33; 2Q92, 36; 3Q92, 32; 4Q92, 32; 1Q93, 40; 2Q93, 40; 3Q93, 49; 4Q93, 38
Sample Analysis: 2Q90, 66-67, 71, 73-74; 3Q90, 76, 79, 80, 85, 87, 89-92; 4Q90, 74-75, 78-79, 81-82, 84, 86-87
Analytical-Data Review: 1Q91, 42-43, 48-50, 55, 57; 2Q91, 44-45, 48, 51-53, 56; 3Q91, 55, 57, 60-61; 4Q91, 52, 54-55; 1Q92, 50, 52, 60, 62; 2Q92, 51-54; 3Q92, 47-48, 50-51; 4Q92, 43; 1Q93, 54, 56, 58, 67-69; 3Q93, 66
Quality Control Samples: 2Q90, 91, 102-105; 3Q90, 111, 125-126; 4Q90, 101, 110, 112; 1Q91, 75, 88, 90; 2Q91, 71, 79-80; 4Q91, 65, 71; 1Q92, 73, 84, 86; 3Q92, 71, 82-84; 1Q93, 83, 99; 3Q93, 83
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CCB Series

Executive Summary: 2Q89, 2; 1Q93, 1
Well Maintenance: 2Q86, 4; 2Q88, 17; 3Q88, 13; 4Q88, 13
Surveying: 2Q86, 13
Sample Scheduling: 2Q88, 52; 3Q88, 37; 1Q89, 75
Sample Collection: 3Q86, 23; 4Q86, 32; 1Q87, 31; 2Q87, 28; 3Q87, 32; 4Q87, 31; 1Q88, 87; 2Q88, 55; 3Q88, 42; 4Q88, 53; 1Q89, 79, 132; 2Q89, 45; 3Q89, 45; 4Q89, 42; 1Q90, 68; 2Q90, 50; 3Q90, 58; 4Q90, 59; 1Q91, 23
Field Notes: 2Q91, 29; 3Q91, 37; 4Q91, 32; 1Q92, 33; 2Q92, 36; 3Q92, 32; 1Q93, 40; 2Q93, 40
Sample Analysis: 1Q89, 133; 2Q89, 114; 1Q90, 90; 3Q90, 76, 85; 4Q90, 86
Analytical-Data Review: 1Q91, 42, 44, 48-50, 56-59, 61; 1Q92, 51; 1Q93, 54, 56, 60, 61, 67, 68
Quality Control Samples: 3Q90, 111; 1Q91, 75, 88-91; 1Q93, 83, 98, 99; 3Q93, 83
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CCP Series

Well Construction: 4Q90, 21
Surveying: 4Q90, 49

CDB Series

Executive Summary: 4Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 1Q88, 2; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 1Q90, 2; 3Q90, 2; 2Q91, 1; 3Q91, 1; 4Q91, 1, B-3, C-2; 1Q92, 1; 3Q92, 1; 1Q93, 1; 3Q93, 1
Corrections: 1Q89, 16; 3Q90, 15-16
Well Construction: 3Q86, 15
Surveying: 4Q86, 28; 1Q87, 25
Sample Scheduling: 1Q89, 75; 3Q89, 38

INDEX OF WELL INFORMATION

CDB Series (cont.)

Sample Collection: 4Q86, 32; 1Q87, 31; 2Q87, 28; 3Q87, 32; 4Q87, 31; 1Q88, 87; 2Q88, 55; 3Q88, 42; 4Q88, 53; 1Q89, 79; 2Q89, 45; 3Q89, 46; 4Q89, 42; 1Q90, 68; 2Q90, 50; 3Q90, 59; 4Q90, 59; 1Q91, 23

Field Notes: 2Q91, 29; 3Q91, 37; 4Q91, 32; 1Q92, 33; 2Q92, 36; 3Q92, 32; 4Q92, 32; 1Q93, 40; 2Q93, 40; 3Q93, 49; 4Q93, 38

Sample Analysis: 1Q87, 56; 2Q87, 43; 3Q87, 52; 1Q88, 122; 3Q88, 80; 1Q89, 133, 139; 2Q89, 110-111; 3Q89, 97; 1Q90, 92-93; 3Q90, 87-88, 90

Analytical-Data Review: 1Q91, 45, 60; 2Q91, 44, 54, 57; 3Q91, 48, 55; 4Q91, 51; 1Q92, 52; 1Q93, 54, 56, 59, 60; 3Q93, 63

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CMP Series

Executive Summary: 3Q86, 6; 4Q86, 6; 1Q87, 7; 2Q87, 5; 3Q87, 8; 4Q87, 5; 1Q88, 8; 3Q88, 5; 1Q89, 7; 2Q89, 7; 3Q89, 7; 4Q89, 5; 1Q90, 8; 2Q90, 7; 3Q90, 8; 4Q90, 6; 1Q91, 8; 2Q91, 6; 3Q91, 8; 4Q91, 6, B-7, C-8; 1Q92, 7; 2Q92, 6; 3Q92, 7; 4Q92, 6; 1Q93, 9; 2Q93, 7; 3Q93, 8; 4Q93, 6

Corrections: 4Q86, 9; 1Q87, 9; 1Q89, 21, 25; 1Q90, 17

Well Maintenance: 1Q86, 4; 2Q86, 5; 4Q86, 12; 2Q87, 13; 1Q88, 19; 3Q89, 15; 1Q90, 23; 3Q90, 22

Sample Scheduling: 3Q88, 37; 1Q89, 75; 3Q89, 40; 4Q89, 37; 3Q93, 46

Sample Collection: 2Q86, 17; 3Q86, 23-24; 4Q86, 32; 1Q87, 31; 2Q87, 28; 3Q87, 32; 4Q87, 31; 1Q88, 87-88; 2Q88, 55; 3Q88, 43; 4Q88, 53; 1Q89, 79; 2Q89, 45-46; 3Q89, 46; 4Q89, 42; 1Q90, 68; 2Q90, 51; 3Q90, 59; 4Q90, 59; 1Q91, 23

Field Notes: 2Q91, 27, 29-30; 3Q91, 37; 4Q91, 29, 32; 1Q92, 33; 2Q92, 36; 3Q92, 32; 4Q92, 32; 1Q93, 40; 2Q93, 40; 3Q93, 49, 50; 4Q93, 38

Sample Analysis: 4Q86, 45; 2Q87, 37, 43; 3Q87, 52; 4Q87, 44-45, 54-56; 1Q88, 102-103, 122; 3Q88, 53, 76, 78-79, 81; 1Q89, 94-95, 119, 129-130, 132-136; 3Q89, 91-92; 4Q89, 101; 1Q90, 86-89; 3Q90, 79, 81

Analytical-Data Review: 1Q91, 36-37, 39, 42-44, 50, 53-55; 2Q91, 44, 48-49, 54-56; 3Q91, 58-63; 4Q91, 47, 50, 52-53, 55; 1Q92, 52, 59-62; 2Q92, 50, 54, 59, 61, 63; 3Q92, 48, 56-57, 59; 4Q92, 43, 52; 1Q93, 67-70; 2Q93, 53, 60, 62-64; 3Q93, 70

Quality Control Samples: 4Q90, 101; 1Q91, 75, 87-90; 2Q91, 71, 79-80; 3Q91, 73; 1Q92, 74, 84-86; 2Q92, 76, 86-87; 3Q92, 72, 82-83; 4Q92, 64, 73; 1Q93, 84, 97; 2Q93, 78, 91-93; 3Q93, 83

Water Level Data: 3Q93, 126

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CRP Series

Executive Summary: 3Q86, 2; 4Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 4Q87, 2; 1Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 1; 3Q91, 1; 4Q91, C-2; 1Q92, 1; 3Q92, 1; 1Q93, 1; 2Q93, 1; 3Q93, 1

Corrections: 1Q89, 16, 21-22; 1Q90, 17

Well Maintenance: 3Q86, 11; 1Q88, 19; 2Q88, 18; 1Q90, 24; 3Q90, 22

Soil Coring: 1Q86, 12; 2Q86, 12

INDEX OF WELL INFORMATION

CRP Series (cont.)

Sample Scheduling:	3Q88, 37; 4Q88, 50; 1Q89, 74; 1Q89, 75; 2Q89, 40; 3Q89, 38; 4Q89, 35; 3Q91, 30; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93, 35; 2Q93, 35; 3Q93, 46; 4Q93, 33
Sample Collection:	3Q86, 24; 4Q86, 32; 1Q87, 32; 2Q87, 28; 3Q87, 32; 4Q87, 32; 1Q88, 88; 2Q88, 56; 3Q88, 43; 4Q88, 53; 1Q89, 79; 2Q89, 46; 3Q89, 46; 4Q89, 42; 1Q90, 68; 2Q90, 51; 3Q90, 59; 4Q90, 59; 1Q91, 23
Field Notes:	2Q91, 30; 3Q91, 37; 3Q93, 50; 4Q93, 38
Sample Analysis:	2Q86, 18-19; 3Q86, 37; 1Q87, 55-56; 4Q87, 55; 1Q88, 119, 122; 3Q88, 80; 4Q88, 93; 1Q89, 133; 2Q89, 107; 3Q89, 91-93; 4Q89, 100; 1Q90, 82-83, 86, 89-90; 2Q90, 67-69; 3Q90, 77, 80
Analytical-Data Review:	1Q91, 37, 41-43; 3Q91, 58; 1Q92, 49-52, 54, 60; 1Q93, 54, 56, 67
Quality Control Samples:	2Q90, 91, 102, 104; 1Q92, 73, 83-86; 1Q93, 83, 98, 99; 3Q93, 83
Water Level Data:	3Q93, 126; 4Q93, 122
Site Index:	1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CSA Series

Executive Summary:	1Q87, 6; 3Q87, 7; 2Q89, 6; 2Q92, 6; 1Q93, 10; 2Q93, 7
Well Maintenance:	4Q88, 13; 1Q89, 32; 1Q90, 24
Sample Scheduling:	3Q88, 37; 1Q89, 75
Sample Collection:	3Q86, 24; 4Q86, 33; 1Q87, 32; 2Q87, 28; 3Q87, 32; 4Q87, 32; 1Q88, 88; 2Q88, 56; 3Q88, 43; 1Q89, 79; 4Q89, 42; 3Q90, 59; 1Q91, 23
Field Notes:	2Q91, 30; 4Q91, 33; 1Q92, 33; 3Q92, 32; 2Q93, 40
Sample Analysis:	1Q87, 55; 2Q89, 106, 108; 1Q90, 86, 89; 2Q90, 67; 3Q90, 80-81
Analytical-Data Review:	1Q91, 37, 43; 3Q91, 62; 2Q92, 55, 58-59, 61; 3Q92, 47; 1Q93, 67, 70; 2Q93, 52, 54, 62, 63
Quality Control Samples:	2Q92, 75, 86-87; 1Q93, 83, 98-100; 2Q93, 77, 92, 94
Site Index:	1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CSB Series

Executive Summary:	3Q86, 2; 4Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 4Q87, 2; 1Q88, 2; 2Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 1; 2Q91, 1; 3Q91, 1; 4Q91, B-3, C-2; 1Q92, 1; 3Q92, 1; 1Q93, 1; 2Q93, 1; 3Q93, 1; 4Q93, 1
Corrections:	1Q89, 12, 16, 22
Well Maintenance:	1Q86, 5; 2Q86, 5; 2Q87, 13
Sample Scheduling:	2Q88, 51; 3Q88, 37; 2Q91, 26; 3Q91, 30; 4Q91, 27; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93, 35; 2Q93, 35; 3Q93, 46; 4Q93, 33
Sample Collection:	2Q86, 17; 3Q86, 24; 4Q86, 33; 1Q87, 32; 2Q87, 29; 3Q87, 32-33; 4Q87, 33; 1Q88, 88; 2Q88, 56; 3Q88, 43; 4Q88, 3; 1Q89, 79-80; 2Q89, 46; 3Q89, 46; 4Q89, 42; 1Q90, 69; 2Q90, 51; 3Q90, 59; 4Q90, 59; 1Q91, 23
Field Notes:	2Q91, 30; 3Q91, 37; 4Q91, 33; 1Q92, 33; 2Q92, 36; 3Q92, 32-33; 4Q92, 32; 1Q93, 40; 2Q93, 40; 3Q93, 50; 4Q93, 38
Sample Analysis:	1Q86, 18; 3Q86, 33-36; 4Q86, 45; 1Q87, 55-56; 3Q87, 52; 1Q88, 119, 121-122; 3Q88, 77-80, 83; 1Q89, 132-133, 139; 2Q89, 110-111, 115; 3Q89, 95, 97-98; 4Q89, 104; 1Q90, 92-94; 2Q90, 75; 3Q90, 84-85, 87-88, 90, 92-93, 97; 4Q90, 87-88

INDEX OF WELL INFORMATION

CSB Series (cont.)

Analytical-Data Review: 1Q91, 47, 49-50, 52-53, 55, 59, 63; 3Q91, 50, 53, 55-56, 60-63;
1Q92, 50, 52, 54; 1Q93, 54, 59, 60, 62, 73; 2Q93, 55, 56, 66; 3Q93, 65,
67, 73; 4Q93, 54
Quality Control Samples: 1Q90, 113; 3Q90, 126; 1Q93, 96; 4Q93, 71
Water Level Data: 3Q93, 126; 4Q93, 122
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CSD Series

Executive Summary: 1Q90, 8; 2Q90, 6; 3Q90, 8; 4Q90, 6; 1Q91, 8; 2Q91, 6; 3Q91, 8;
4Q91, B-7, C-8; 1Q92, 7; 2Q92, 6; 3Q92, 7; 4Q92, 6; 1Q93, 9; 2Q93,
7; 3Q93, 8; 4Q93, 6
Well Construction: 1Q90, 31-33
Well Stabilization: 1Q90, 49-51
Surveying: 3Q90, 51
Sample Collection: 1Q90, 69; 2Q90, 51; 3Q90, 59; 4Q90, 59; 1Q91, 21, 23
Field Notes: 2Q91, 27, 30; 3Q91, 33, 37; 4Q91, 29, 33; 1Q92, 29, 33; 2Q92, 33, 36;
3Q92, 29, 33; 4Q92, 29, 32; 1Q93, 37, 40; 2Q93, 37, 40; 3Q93, 47, 50;
4Q93, 35, 38
Sample Analysis: 1Q90, 82, 85; 2Q90, 66-71, 75-76; 3Q90, 76, 78-81, 85-87, 89, 90-91,
93; 4Q90, 74-75, 77-79, 81-82, 87
Analytical-Data Review: 1Q91, 37-38, 42-45, 49, 51, 56; 2Q91, 42, 51, 55, 57-58; 3Q91, 48, 54,
58-62, 64; 4Q91, 50, 52; 1Q92, 49, 51-54, 60; 2Q92, 51-53, 56;
3Q92, 49, 51, 53; 4Q92, 43-44, 46, 47, 49-51; 1Q93, 52-56, 58-60, 67,
69; 2Q93, 53, 55, 56, 61, 62; 3Q93, 62, 64, 67; 4Q93, 52, 53, 55, 57, 58
Quality Control Samples: 2Q90, 91, 102-104; 3Q90, 111, 124-126; 4Q90, 101, 110-112;
1Q91, 75, 87, 90; 2Q91, 71, 79-80; 3Q91, 73; 4Q91, 65; 1Q92, 73,
83-86; 4Q92, 63, 72; 1Q93, 83, 97, 98, 100; 2Q93, 77, 90; 3Q93, 83,
100; 4Q93, 71, 84
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CSO Series

Executive Summary: 1Q89, 7; 2Q89, 6; 3Q90, 8; 1Q91, 8; 1Q93, 9
Corrections: 4Q87, 7
Well Maintenance: 2Q87, 13; 2Q88, 18; 4Q88, 13; 4Q90, 18
Sample Scheduling: 3Q88, 37
Sample Collection: 3Q86, 24; 4Q86, 33; 1Q87, 32; 2Q87, 29; 3Q87, 33; 4Q87, 32; 1Q88,
88; 2Q88, 56; 1Q89, 80; 4Q90, 59
Field Notes: 2Q91, 30; 4Q91, 33; 1Q92, 33
Sample Analysis: 2Q89, 110; 1Q90, 92; 4Q90, 76, 87
Analytical-Data Review: 1Q91, 37, 43-44, 49-50, 56, 58; 1Q92, 52; 1Q93, 67
Quality Control Samples: 1Q91, 75, 88, 90; 1Q93, 83, 97, 98, 100
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

CSR Series

Executive Summary: 4Q86, 6; 3Q87, 7; 1Q88, 8; 3Q88, 5; 1Q89, 6; 2Q89, 6; 3Q89, 7;
1Q90, 8; 1Q91, 8; 1Q92, 7; 1Q93, 9; 3Q93, 8
Corrections: 1Q89, 20, 1Q90, 18
Well Maintenance: 2Q87, 14; 1Q89, 32

INDEX OF WELL INFORMATION

CSR Series (cont.)

Sample Scheduling: 3Q88, 37; 1Q89, 75
 Sample Collection: 3Q86, 24; 4Q86, 33; 1Q87, 32; 2Q87, 29; 3Q87, 33; 4Q87, 32; 1Q88, 88; 2Q88, 56; 3Q88, 43; 4Q88, 53; 1Q89, 80; 2Q89, 46; 3Q89, 46; 4Q89, 42; 1Q90, 69; 2Q90, 51; 3Q90, 59; 4Q90, 60; 1Q91, 23
 Field Notes: 2Q91, 30; 3Q91, 37; 4Q91, 33; 1Q92, 33; 2Q92, 36; 3Q92, 33; 4Q92, 32; 1Q93, 40; 2Q93, 40; 3Q93, 50; 4Q93, 38
 Sample Analysis: 3Q87, 52; 1Q88, 122; 3Q88, 78, 80; 1Q89, 131, 133, 139; 2Q89, 107-108; 3Q89, 92; 4Q89, 100-101; 1Q90, 86-89
 Analytical-Data Review: 1Q91, 36, 39, 42-44, 48-50, 56, 58-59; 3Q91, 59; 1Q92, 51, 53, 62; 1Q93, 54, 60; 3Q93, 64
 Quality Control Samples: 1Q91, 75, 88-90; 1Q92, 73, 84-86
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

D Series

Surveying: 3Q86, 18

DBP Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 6; 3Q87, 7; 1Q88, 8; 3Q88, 5; 1Q89, 6; 2Q89, 6; 3Q89, 6; 1Q90, 7; 3Q90, 7; 1Q91, 7; 3Q91, 7; 4Q91, C-8; 1Q92, 7; 3Q92, 7; 1Q93, 9; 2Q93, 6; 4Q93, 6
 Corrections: 1Q89, 11, 20
 Well Maintenance: 2Q87, 14; 1Q90, 24
 Sample Scheduling: 3Q88, 37; 4Q88, 50; 1Q89, 75; 3Q93, 45
 Sample Collection: 3Q86, 25; 4Q86, 33; 1Q87, 32; 2Q87, 29; 3Q87, 33; 4Q87, 32; 1Q88, 88; 2Q88, 56; 4Q88, 53; 2Q90, 51; 4Q90, 60; 1Q91, 23
 Field Notes: 4Q91, 33; 1Q92, 33; 2Q92, 36; 1Q93, 40; 4Q93, 38
 Sample Analysis: 3Q87, 52; 3Q88, 75, 78; 1Q89, 129; 3Q89, 92; 1Q90, 87, 89; 3Q90, 79, 89
 Analytical-Data Review: 1Q91, 37, 39, 42-45, 49, 51, 57; 1Q92, 53; 1Q93, 54-60, 62, 66-68, 70, 71; 2Q93, 53, 55, 57, 61, 62; 4Q93, 57-59
 Quality Control Samples: 1Q91, 75, 88-91; 1Q92, 73, 86; 1Q93, 83, 97, 98, 100; 2Q93, 77, 90, 93
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

DCB Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 6; 3Q87, 7; 4Q87, 5; 1Q88, 8; 2Q88, 5; 3Q88, 5; 4Q88, 4; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 5; 1Q90, 7; 2Q90, 6; 3Q90, 7; 4Q90, 6; 1Q91, 7; 2Q91, 5; 3Q91, 7; 4Q91, 5, B-6, C-8; 1Q92, 7; 2Q92, 5; 3Q92, 7; 4Q92, 5; 1Q93, 9; 2Q93, 6; 3Q93, 8; 4Q93, 6
 Corrections: 4Q87, 7; 1Q89, 14, 20-21, 25; 1Q90, 16-17
 Well Abandonment: 3Q90, 19
 Well Maintenance: 3Q86, 11; 3Q87, 12; 1Q89, 32; 4Q89, 13; 1Q90, 24; 3Q90, 22
 Well Construction: 3Q87, 13-15; 3Q88, 16-17
 Well Stabilization: 4Q87, 14-16; 4Q88, 27-28
 Surveying: 3Q87, 27; 4Q88, 47
 Sample Scheduling: 2Q88, 52; 4Q88, 50; 1Q89, 75; 3Q91, 30; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93, 35; 4Q93, 33

INDEX OF WELL INFORMATION

DCB Series (cont.)

Sample Collection: 3Q86, 25; 4Q86, 33; 1Q87, 32; 2Q87, 29; 3Q87, 33; 4Q87, 32; 1Q88, 89; 2Q88, 56; 3Q88, 43; 4Q88, 54; 1Q89, 80; 2Q89, 46; 3Q89, 46; 4Q89, 42-43; 1Q90, 69; 2Q90, 51-52; 3Q90, 60; 4Q90, 60; 1Q91, 24

Field Notes: 2Q91, 30; 3Q91, 37; 4Q91, 33; 1Q92, 33; 2Q92, 36-37; 3Q92, 33; 4Q92, 32; 1Q93, 40, 41; 2Q93, 40; 3Q93, 50; 4Q93, 38, 39

Sample Analysis: 3Q86, 34; 1Q87, 43-44, 51, 55; 3Q87, 42-43; 4Q87, 56; 1Q88, 104-105, 115, 119, 121-124; 3Q88, 53-54, 67-68, 76-82; 4Q88, 93; 1Q89, 95-97, 118, 129-136; 2Q89, 106-108; 3Q89, 58, 91-93, 95, 100; 4Q89, 100; 1Q90, 82-84, 86-90, 93-94, 97; 3Q90, 77-78, 80-81, 85-86, 89-94

Analytical-Data Review: 1Q91, 36-37, 39, 42-45, 47, 49-51, 53-59, 61; 2Q91, 45, 50-52, 55, 57-58; 3Q91, 48-49, 55, 57-58, 60-64; 1Q92, 47, 49-54, 58, 60; 2Q92, 51, 60-61; 3Q92, 46, 49, 51-52; 4Q92, 43-44, 46; 1Q93, 54-56, 58-62, 65, 66, 68; 2Q93, 52, 54-57, 60, 62-64; 3Q93, 63-67, 71; 4Q93, 53-55, 58, 59

Quality Control Samples: 1Q90, 105, 113-114; 3Q90, 111, 124, 126-127; 1Q91, 75, 88-91; 2Q91, 71, 79; 3Q91, 73, 79; 4Q91, 65; 1Q92, 73, 85-86; 2Q92, 75, 86-87; 1Q93, 83, 96-99; 2Q93, 77, 91-93; 3Q93, 83, 97-100; 4Q93, 71, 84, 86-88

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

DOB Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 6; 3Q87, 7; 1Q88, 8; 3Q88, 5; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 5; 1Q90, 7; 3Q90, 7; 1Q91, 7; 3Q91, 7; 4Q91, 5, C-8; 1Q92, 7; 2Q92, 5; 3Q92, 7; 4Q92, 5; 1Q93, 9; 2Q93, 6; 3Q93, 8; 4Q93, 6

Corrections: 1Q89, 20

Well Maintenance: 3Q86, 11; 2Q87, 14; 2Q90, 17

Sample Scheduling: 3Q88, 37; 4Q88, 50; 1Q89, 75

Sample Collection: 3Q86, 25; 4Q86, 33; 1Q87, 32; 2Q87, 29; 3Q87, 33; 4Q87, 33; 1Q88, 89; 2Q88, 56; 3Q88, 43; 4Q89, 43; 2Q90, 52; 3Q90, 60

Field Notes: 4Q91, 33; 1Q92, 33; 2Q92, 37; 1Q93, 41

Sample Analysis: 3Q88, 78-80; 1Q89, 129, 131-133; 2Q89, 58-61, 63, 65-67, 70-84, 91, 107-108, 110-111, 114; 3Q89, 93, 97-98; 4Q89, 103; 1Q90, 94; 3Q90, 77, 86, 92-93

Analytical-Data Review: 1Q91, 37, 42-45; 3Q91, 55, 57, 60, 62, 64; 4Q91, 53, 55; 1Q92, 52-54, 59-62; 2Q92, 50, 55, 59; 3Q92, 47, 50, 55-56; 1Q93, 62, 65, 68, 69; 2Q93, 53, 55, 56, 61-63; 3Q93, 66; 4Q93, 50, 53, 54, 57, 58

Quality Control Samples: 3Q90, 111, 126; 3Q91, 73, 79; 4Q91, 65, 71; 1Q92, 73, 83, 85-86; 2Q92, 75, 86; 3Q92, 71, 82-85; 4Q92, 63, 72; 1Q93, 83, 97; 2Q93, 77, 90, 91, 93; 3Q93, 83, 97, 98, 100

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

DPB Series (Incorrectly reported; should be DBP)

Sample Collection: 2Q90, 51

Sample Analysis: 3Q88, 78

INDEX OF WELL INFORMATION

DRB Series

Well Abandonment: 1Q89, 28; 2Q89, 14

F Series

Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 3; 1Q88, 5; 2Q88, 3; 3Q88, 3; 4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 4; 2Q90, 4; 3Q90, 4; 4Q90, 3; 1Q91, 4; 3Q91, 4; 4Q91, C-5; 1Q92, 4; 3Q92, 4; 1Q93, 5, 10; 3Q93, 5, 9

Corrections: 3Q88, 10; 1Q89, 13, 15, 18, 21, 23; 2Q89, 11; 3Q90, 15; 4Q91, 15

Well Abandonment: 1Q89, 29; 2Q89, 13

Well Maintenance: 3Q86, 12

Surveying: 2Q86, 13

Sample Collection: 1Q87, 32-33; 2Q87, 29; 3Q87, 33; 4Q87, 33; 1Q88, 89; 2Q88, 57; 4Q89, 43; 1Q91, 21

Field Notes: 3Q91, 33, 37; 4Q91, 29, 33; 1Q92, 29, 33; 2Q92, 33, 37; 3Q92, 29, 33; 4Q92, 29, 32; 1Q93, 37, 41; 2Q93, 37, 40; 3Q93, 47, 50; 4Q93, 35, 39

Sample Analysis: 2Q87, 44; 3Q87, 53; 2Q88, 86, 94; 3Q88, 83; 4Q88, 99-100; 1Q89, 138, 139; 2Q89, 115; 3Q89, 100; 4Q89, 105; 1Q90, 97; 2Q90, 76; 3Q90, 93, 97; 4Q90, 91

Analytical-Data Review: 1Q91, 63; 1Q92, 52; 3Q92, 51, 53, 59; 1Q93, 52, 53, 55, 57, 61, 73; 3Q93, 63-65, 73

Quality Control Samples: 3Q92, 71

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FAC Series

Executive Summary: 3Q86, 3; 1Q87, 4; 3Q87, 4; 1Q88, 4; 3Q88, 3; 4Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 3; 1Q90, 4; 2Q90, 3; 3Q90, 4; 4Q90, 3; 1Q91, 3; 2Q91, 2; 3Q91, 4; 4Q91, 3, B-4, C-4; 1Q92, 4; 2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 4; 2Q93, 3; 3Q93, 4; 4Q93, 3

Corrections: 1Q89, 15, 17, 21, 23; 1Q90, 17-18

Well Abandonment: 1Q89, 27

Well Maintenance: 4Q88, 13

Well Construction: 3Q88, 17-18

Well Stabilization: 4Q88, 28-29

Surveying: 4Q88, 47

Sample Scheduling: 4Q88, 50; 1Q89, 73, 75; 2Q89, 40; 3Q89, 38; 4Q89, 35; 4Q93, 33

Sample Collection: 3Q86, 25; 4Q86, 33; 1Q87, 33; 2Q87, 29; 3Q87, 33; 4Q87, 33; 1Q88, 89; 3Q88, 43; 4Q88, 54; 1Q89, 80; 2Q89, 46-47; 3Q89, 46-47; 4Q89, 43; 1Q90, 69; 2Q90, 52; 3Q90, 60; 4Q90, 60; 1Q91, 21, 24

Field Notes: 2Q91, 27, 30; 3Q91, 33, 37; 4Q91, 29, 33; 1Q92, 29, 33-34; 2Q92, 33, 37; 3Q92, 29, 33; 4Q92, 29, 32; 1Q93, 37, 41; 2Q93, 37, 40; 3Q93, 47, 50; 4Q93, 35, 39

Sample Analysis: 3Q87, 52; 1Q88, 121-122; 3Q88, 77; 1Q89, 97, 119, 131-137; 2Q89, 106-108; 3Q89, 58, 68, 92-93, 97; 4Q89, 100-101; 1Q90, 87-88, 90, 93; 2Q90, 67-70; 3Q90, 77, 79-82, 87-88, 90-92; 4Q90, 75, 77-80

Analytical-Data Review: 1Q91, 36-37, 39-40, 42-50, 57; 2Q91, 45, 48, 54-60; 3Q91, 48, 55-56, 58-63; 4Q91, 46-47, 50, 52-55; 1Q92, 51, 59-60, 62; 2Q92, 59-63; 3Q92, 55-57, 59; 4Q92, 43, 47-51; 1Q93, 62, 64, 67-69; 2Q93, 62-64; 3Q93, 70, 71; 4Q93, 57-59

Quality Control Samples: 1Q90, 105, 113; 3Q90, 111, 124-126; 1Q91, 75, 88-91; 3Q91, 73, 78-79; 1Q92, 74, 85-86; 3Q92, 82; 4Q92, 64, 72-74; 1Q93, 84, 98-100

INDEX OF WELL INFORMATION

FAC Series (cont.)

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FAL Series

Executive Summary: 3Q86, 3; 4Q86, 3; 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 3; 1Q88, 4; 3Q88, 3; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 3; 1Q90, 4; 2Q90, 3; 3Q90, 4; 4Q90, 3; 1Q91, 3; 2Q91, 3; 3Q91, 4; 4Q91, 3, B-4, C-4; 1Q92, 4; 2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 4; 2Q93, 3; 3Q93, 4; 4Q93, 3

Corrections: 1Q89, 17; 1Q90, 16

Well Maintenance: 1Q86, 5

Well Construction: 1Q86, 8-9

Sample Scheduling: 3Q88, 37

Sample Collection: 3Q86, 25; 4Q86, 34; 1Q87, 33; 2Q87, 29; 3Q87, 33; 4Q87, 33; 1Q88, 89; 2Q88, 57; 3Q88, 44; 4Q88, 54; 1Q89, 81; 2Q89, 47; 3Q89, 47; 4Q89, 43; 1Q90, 70; 2Q90, 52; 3Q90, 60; 4Q90, 60; 1Q91, 24

Field Notes: 2Q91, 30; 3Q91, 37; 4Q91, 33; 1Q92, 34; 2Q92, 37; 3Q92, 33; 4Q92, 32; 1Q93, 41; 2Q93, 40; 3Q93, 50; 4Q93, 39

Sample Analysis: 3Q87, 52; 4Q87, 54; 1Q88, 120-121; 1Q89, 133; 2Q89, 107; 3Q89, 93; 1Q90, 86-87; 2Q90, 69; 3Q90, 89

Analytical-Data Review: 1Q91, 51, 53, 56-57, 59; 2Q91, 57; 3Q91, 61; 4Q91, 48, 52, 54; 1Q92, 49, 51, 53; 2Q92, 53-54, 57; 3Q92, 48, 50-51; 4Q92, 45; 1Q93, 54, 56-59; 2Q93, 55; 3Q93, 64

Quality Control Samples: 1Q92, 83

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FBP Series

Executive Summary: 3Q86, 4; 4Q86, 3; 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 3; 1Q88, 5; 3Q88, 3; 1Q89, 3; 2Q89, 3; 3Q89, 3; 1Q90, 4; 3Q90, 4; 1Q91, 3; 3Q91, 4, C-4; 1Q92, 4; 3Q92, 4; 1Q93, 4; 2Q93, 3; 3Q93, 4; 4Q93, 3

Corrections: 1Q89, 18

Well Maintenance: 1Q89, 32

Sample Scheduling: 3Q88, 37; 1Q89, 75; 3Q89, 40; 3Q93, 45; 4Q93, 33

Sample Collection: 3Q86, 25; 4Q86, 34; 1Q87, 33; 2Q87, 30; 3Q87, 34; 4Q87, 33; 1Q88, 89; 2Q88, 57; 3Q88, 44; 4Q88, 54; 1Q89, 81; 2Q89, 47; 2Q90, 52

Field Notes: 3Q91, 37; 4Q91, 34; 4Q92, 32; 1Q93, 41; 2Q93, 41; 3Q93, 50, 51; 4Q93, 39

Sample Analysis: 2Q86, 18-20; 2Q87, 43; 3Q87, 43, 52; 4Q87, 54; 1Q88, 120; 3Q88, 79; 1Q89, 134; 2Q89, 107-108; 3Q89, 91-93; 1Q90, 84, 87-89; 3Q90, 76, 81

Analytical-Data Review: 1Q91, 37, 39-41; 3Q91, 56, 59; 4Q91, C-10; 1Q92, 51-52; 1Q93, 54-57, 59, 60, 66; 2Q93, 52, 54, 56, 62, 63; 3Q93, 62, 63, 69; 4Q93, 57-59

Quality Control Samples: 1Q92, 73, 85-86; 1Q93, 83, 96, 99, 100; 2Q93, 77, 90, 91, 93, 94; 3Q93, 84, 97, 98, 100

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

INDEX OF WELL INFORMATION

FC Series

Corrections: 3Q88, 9
 Well Abandonment: 1Q89, 28
 Sample Collection: 1Q87, 33 (Incorrectly reported; should be FCA)
 Water Level Data: 4Q88, 301-302

FCA Series

Executive Summary: 3Q86, 4; 4Q86, 3; 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 3; 1Q88, 5; 2Q88, 3; 3Q88, 3; 4Q88, 2; 1Q89, 4; 2Q89, 3; 3Q89, 4; 4Q89, 3; 1Q90, 4; 2Q90, 3; 3Q90, 4; 4Q90, 3; 1Q91, 4; 2Q91, 3; 3Q91, 4; 4Q91, 3, B-1, B-4, C-1, C-4; 1Q92, 4; 2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 5; 2Q93, 3; 3Q93, 4; 4Q93, 3
 Corrections: 4Q86, 9; 3Q88, 9; 1Q89, 13, 15, 18, 21, 23; 4Q89, 9; 1Q90, 16-18; 3Q90, 15
 Well Construction: 1Q89, 43
 Surveying: 1Q89, 71
 Sample Scheduling: 3Q87, 30; 3Q93, 46; 4Q93, 33
 Sample Collection: 2Q86, 17; 3Q86, 26; 4Q86, 34; 1Q87, 33; 2Q87, 30; 3Q87, 34; 4Q87, 33; 1Q88, 89-90; 2Q88, 57; 3Q88, 44; 4Q88, 54; 1Q89, 81; 2Q89, 47; 3Q89, 47; 4Q89, 43; 1Q90, 70; 2Q90, 52-53; 3Q90, 60-61; 4Q90, 60-61; 1Q91, 21, 24
 Field Notes: 2Q91, 27, 30-31; 3Q91, 33, 38; 4Q91, 29, 34; 1Q92, 29, 34; 2Q92, 33, 37; 3Q92, 29, 33-34; 4Q92, 29, 32-33; 1Q93, 37, 41; 2Q93, 37, 41; 3Q93, 47, 51; 4Q93, 35, 39
 Sample Analysis: 4Q86, 45; 1Q87, 55-56; 2Q87, 43; 3Q87, 52-53; 4Q87, 54-55; 1Q88, 120, 122-124; 3Q88, 78-80; 4Q88, 100; 1Q89, 133-134; 2Q89, 107-108; 3Q89, 90-94, 98, 100; 4Q89, 104-105; 1Q90, 82, 86, 88, 90, 97; 2Q90, 67-68, 70, 78-79; 3Q90, 79-82, 89, 97; 4Q90, 76, 78-80, 91
 Analytical-Data Review: 1Q91, 51, 53, 56-59, 61, 63; 2Q91, 49-50, 57, 59-60; 3Q91, 49, 58-60, 62-64; 4Q91, 48, 52, 54-56, 59, C-11; 1Q92, 49-54, 56-57; 2Q92, 52-58; 3Q92, 49, 51-54; 4Q92, 43, 45-48; 1Q93, 52, 54, 56-60, 62-64, 72; 2Q93, 52, 55-58, 65; 3Q93, 63, 66, 67, 73; 4Q93, 50, 53-55, 60, 61
 Quality Control Samples: 3Q92, 81; 1Q93, 100, 101
 Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FCB Series

Executive Summary: 3Q86, 4; 1Q87, 4; 3Q87, 4; 1Q88, 5; 2Q88, 3; 3Q88, 3; 4Q88, 3; 1Q89, 4; 2Q89, 3; 3Q89, 4; 1Q90, 4; 3Q90, 4; 1Q91, 4; 2Q91, 3; 3Q91, 4; 4Q91, 3, B-4, C-5; 1Q92, 4; 2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 5; 3Q93, 4
 Corrections: 4Q87, 7; 1Q89, 13, 18, 23
 Well Abandonment: 3Q88, 12
 Well Construction: 3Q88, 18-19
 Surveying: 3Q88, 33
 Sample Scheduling: 2Q88, 52; 3Q88, 37; 4Q88, 50; 1Q89, 75
 Sample Collection: 3Q86, 26; 4Q86, 34; 1Q87, 34; 2Q87, 30; 3Q87, 34; 4Q87, 34; 1Q88, 90; 2Q88, 57; 3Q88, 44; 4Q88, 55; 1Q89, 81; 2Q89, 47; 3Q89, 47; 4Q89, 44; 1Q90, 70; 2Q90, 53; 3Q90, 61; 4Q90, 61; 1Q91, 24
 Field Notes: 2Q91, 31; 3Q91, 38; 4Q91, 34; 1Q92, 34; 2Q92, 37; 3Q92, 34; 4Q92, 33; 1Q93, 41; 2Q93, 41; 3Q93, 51; 4Q93, 39

INDEX OF WELL INFORMATION

FCB Series (cont.)

Sample Analysis: 1Q87, 55-56; 1Q88, 119, 121-122; 2Q88, 85; 2Q89, 107-108; 3Q89, 91, 93; 1Q90, 82, 86-89; 3Q90, 77, 85

Analytical-Data Review: 1Q91, 36-37, 40, 42-43, 45, 47, 51, 53, 55-58; 2Q91, 43, 45-46, 48-50, 52, 54-58; 3Q91, 53, 55-56, 58-61, 63; 4Q91, 47-48, 50, 53-54; 1Q92, 49, 51; 2Q92, 52-53, 55, 59-61; 3Q92, 47-48, 50-52; 4Q92, 45; 1Q93, 53, 55-57, 66; 2Q93, 55; 3Q93, 64; 4Q93, 58

Quality Control Samples: 3Q90, 111, 123-124; 1Q91, 75, 87-91; 2Q91, 71, 79-80; 3Q91, 73, 79; 4Q91, 65; 1Q92, 73, 84-86; 2Q92, 75, 85-87; 4Q92, 72; 1Q93, 83, 99, 100; 2Q93, 77, 90; 4Q93, 71

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FET Series

Executive Summary: 4Q88, 3; 1Q89, 4; 2Q89, 4; 1Q90, 4; 1Q91, 4; 1Q93, 5; 3Q93, 4; 4Q93, 3

Corrections: 1Q89, 23

Well Construction: 3Q88, 19-20

Well Stabilization: 4Q88, 29-30

Surveying: 4Q88, 47

Sample Scheduling: 4Q88, 50; 3Q89, 40

Sample Collection: 4Q88, 55; 1Q89, 81; 2Q89, 47; 3Q89, 47; 4Q89, 44; 1Q90, 70; 2Q90, 53; 3Q90, 61; 4Q90, 61; 1Q91, 24

Field Notes: 2Q91, 31; 3Q91, 38; 4Q91, 34; 1Q92, 34; 2Q92, 37; 3Q92, 34; 4Q92, 33; 1Q93, 41; 2Q93, 41; 3Q93, 51; 4Q93, 39

Sample Analysis: 4Q88, 93; 1Q89, 98, 132-133, 135; 2Q89, 107-108; 3Q89, 92-93; 1Q90, 82, 87-88

Analytical-Data Review: 1Q91, 37, 47, 53-54, 57; 3Q91, 49; 3Q92, 49; 1Q93, 55-57, 59, 60, 66

Quality Control Samples: 1Q91, 75, 90-91; 1Q93, 83, 98

Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FIW Series

Field Notes: 3Q92, 34

FMC Series

Well Abandonment: 1Q89, 28

FNB Series

Executive Summary: 3Q86, 4; 4Q86, 3; 1Q87, 4; 2Q87, 3; 3Q87, 5; 4Q87, 3; 1Q88, 5; 3Q88, 4; 4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 4; 2Q90, 4; 3Q90, 4; 4Q90, 4; 1Q91, 4; 2Q91, 3; 3Q91, 5; 4Q91, 3, B-4, C-5; 1Q92, 4; 2Q92, 4; 3Q92, 4; 4Q92, 4; 1Q93, 6; 2Q93, 4; 3Q93, 5; 4Q93, 4

Corrections: 1Q89, 18, 23; 1Q90, 16-17, 19

Well Maintenance: 1Q86, 5; 2Q86, 6

Soil Coring: 1Q86, 12

Sample Scheduling: 3Q87, 30; 3Q88, 37; 1Q89, 74; 2Q89, 41; 3Q89, 41; 4Q89, 37; 3Q93, 45

INDEX OF WELL INFORMATION

FNB Series (cont.)

Sample Collection:	3Q86, 26; 4Q86, 34; 1Q87, 34; 2Q87, 30; 3Q87, 34; 4Q87, 34, 1Q88, 90; 2Q88, 58; 3Q88, 44; 4Q88, 55; 1Q89, 81; 2Q89, 47; 3Q90, 61; 4Q90, 61
Field Notes:	2Q91, 31; 4Q91, 34; 1Q92, 34; 2Q92, 37; 3Q92, 34; 1Q93, 41; 3Q93, 51
Sample Analysis:	1Q86, 18; 1Q87, 55-56; 2Q87, 37-38; 4Q87, 55; 1Q88, 119, 121; 3Q88, 77, 79; 1Q89, 98-99, 118, 132-133, 135-136; 2Q89, 110-111; 3Q89, 95; 4Q89, 56, 66-67, 100; 1Q90, 92-93; 2Q90, 66, 68, 73, 76; 3Q90, 78, 84, 86-88, 90; 4Q90, 74, 76, 87
Analytical-Data Review:	1Q91, 37, 42-43, 47, 49-53, 56; 2Q91, 43, 45-46, 48-53, 56; 3Q91, 51, 55, 57, 59-60; 4Q91, 47, 49-50, 53, 55-56; 1Q92, 49, 51-53, 55-56, 62; 2Q92, 51, 53-55; 3Q92, 54; 4Q92, 43-44, 47; 1Q93, 53, 55, 57, 68, 70, 72; 2Q93, 64, 65; 4Q93, 53, 54, 56, 58, 60
Quality Control Samples:	1Q90, 105, 113; 2Q90, 91, 102-105; 3Q90, 111, 123-126; 4Q90, 101, 112; 1Q91, 75, 87-88, 90; 2Q91, 71, 79-80; 3Q91, 73, 79; 4Q91, 65, 71; 1Q92, 73, 83-86; 2Q92, 84; 3Q92, 71, 83; 4Q92, 63, 72-73; 1Q93, 83, 98-100; 3Q93, 83, 98, 100; 4Q93, 71, 84, 87, 88
Site Index:	3Q93, 45

FSB Series

Executive Summary:	3Q86, 4; 4Q86, 3; 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 1, 3; 1Q88, 5; 2Q88, 3; 3Q88, 4; 4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 4; 2Q90, 4; 3Q90, 4; 4Q90, 4; 1Q91, 4; 2Q91, 3; 3Q91, 4; 4Q91, 3, B-4, C-1, C-5; 1Q92, 4; 2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 5; 2Q93, 4; 3Q93, 5; 4Q93, 4
Corrections:	1Q87, 9; 4Q87, 7; 2Q88, 9-10; 3Q88, 9; 1Q89, 11, 13, 18, 23; 2Q89, 11; 3Q89, 11-12; 1Q90, 15-20; 2Q93, 15
Well Maintenance:	1Q86, 5; 2Q86, 6; 4Q86, 13; 2Q87, 14; 4Q87, 12; 4Q88, 13-14; 3Q89, 16; 1Q90, 24; 3Q90, 23
Well Construction:	3Q87, 15-25; 4Q87, 13; 1Q88, 32-35; 1Q89, 37; 4Q90, 22-30
Well Stabilization:	4Q87, 16-26; 1Q88, 62-65
Surveying:	2Q86, 13; 1Q87, 26; 3Q87, 27-28; 4Q87, 27; 2Q88, 47; 4Q90, 49-50
Sample Scheduling:	2Q87, 25; 3Q87, 29; 4Q87, 28; 1Q88, 83; 2Q88, 51-52; 3Q88, 37; 1Q89, 74; 2Q89, 40; 3Q89, 38, 40; 4Q89, 35, 37; 3Q91, 30; 4Q91, 27; 3Q93, 45; 4Q93, 33
Sample Collection:	3Q86, 22, 26; 4Q86, 34; 1Q87, 34; 2Q87, 30; 3Q87, 34; 4Q87, 34-36; 1Q88, 90-91; 2Q88, 58; 3Q88, 44-45; 4Q88, 55; 1Q89, 81-82; 2Q89, 47-48; 3Q89, 47-48; 4Q89, 44; 1Q90, 70-71; 2Q90, 53; 3Q90, 61-62; 4Q90, 61-62; 1Q91, 24-25
Field Notes:	2Q91, 31; 3Q91, 38; 4Q91, 34; 1Q92, 34-35; 2Q92, 37-38; 3Q92, 34; 4Q92, 33; 1Q93, 41, 42; 2Q93, 41; 3Q93, 51; 4Q93, 39, 40
Sample Analysis:	1Q86, 18; 4Q86, 40, 45; 1Q87, 41-42, 44-45, 55-56; 2Q87, 38-39, 42-43; 3Q87, 43-44, 51-52; 4Q87, 45, 54-57; 1Q88, 105-106, 120-124; 2Q88, 71-72, 84-85, 88-94; 3Q88, 54-55, 67-68, 75-83; 4Q88, 69-70, 92-98, 100; 1Q89, 99-103, 118-119, 129-136, 138-139; 2Q89, 58-89, 107-108, 110-112, 114; 3Q89, 58, 68, 92-100; 4Q89, 56, 66-67, 100-102; 1Q90, 82-90, 93, 95-97; 2Q90, 68, 71-79; 3Q90, 77, 79-81, 83-94; 4Q90, 74-78, 81-89
Analytical-Data Review:	1Q91, 36-37, 40-41, 43-45, 47-63; 2Q91, 42-62; 3Q91, 48-53, 55-64; 4Q91, 45-46, 48-57, C-10; 1Q92, 49-55, 58-62; 2Q92, 49-56, 58-61;

INDEX OF WELL INFORMATION

FSB Series (cont.)

3Q92, 46-58; 4Q92, 42-51; 1Q93, 52-61, 63-73; 2Q93, 52-60, 63, 64;
3Q93, 62-73; 4Q93, 50-62
Quality Control Samples: 1Q90, 105, 113-114; 2Q90, 91, 102, 104-105, 112-113; 3Q90, 111,
123-124, 126; 4Q90, 101, 110-113; 1Q91, 75, 88-91; 2Q91, 71, 78-80;
3Q91, 73, 78-79; 4Q91, 65, 71; 1Q92, 73, 84-86; 2Q92, 75, 85-87;
3Q92, 71, 82-85; 4Q92, 63, 72-75; 1Q93, 83, 96-101; 2Q93, 77,
90-94; 3Q93, 83, 97-101; 4Q93, 71, 83-88
Water Level Data: 1Q93, 120-124; 2Q93, 111-115; 3Q93, 126-130; 4Q93, 122-126
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FSL Series

Executive Summary: 3Q92, 1, 4; 4Q92, 3; 1Q93, 5; 2Q93, 3; 3Q93, 4; 4Q93, 3
Field Notes: 3Q92, 34; 4Q92, 33; 1Q93, 42; 2Q93, 41; 3Q93, 51; 4Q93, 40
Analytical-Data Review: 3Q92, 48; 4Q92, 43, 45-46; 1Q93, 54-57, 61, 73; 2Q93, 54-57, 66;
3Q93, 63-66; 4Q93, 53-55
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FSP Series

Corrections: 1Q93, 19

FSS Series

Executive Summary: 4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 4; 2Q90, 4;
3Q90, 4; 1Q91, 4; 2Q91, 3; 3Q91, 4; 4Q91, 3, B-4, C-5; 1Q92, 4;
2Q92, 3; 3Q92, 4; 4Q92, 3; 1Q93, 5; 3Q93, 5
Corrections: 1Q89, 23; 1Q90, 17
Well Construction: 4Q88, 17-18
Well Stabilization: 4Q88, 30-32
Surveying: 4Q88, 47
Sample Scheduling: 4Q88, 50; 1Q89, 73; 2Q89, 40; 3Q89, 38; 4Q89, 35
Sample Collection: 4Q88, 56; 1Q89, 82; 2Q89, 48; 3Q89, 48; 4Q89, 44-45; 1Q90, 71;
2Q90, 53-54; 3Q90, 62; 4Q90, 62; 1Q91, 25
Field Notes: 2Q91, 31; 3Q91, 38-39; 4Q91, 34-35; 1Q92, 35; 2Q92, 38; 3Q92, 34;
4Q92, 33-34; 1Q93, 42; 2Q93, 41; 3Q93, 51; 4Q93, 40
Sample Analysis: 4Q88, 93; 1Q89, 132-133; 2Q89, 107-108; 3Q89, 91-93; 1Q90, 82,
86-90; 3Q90, 76, 79; 4Q90, 74-76, 79
Analytical-Data Review: 1Q91, 37-38, 42-44; 2Q91, 44, 47-49, 51, 54-55, 57; 3Q91, 48, 50-52,
54-56, 58-63; 4Q91, 47-49, 52-54; 1Q92, 57, 61-62; 2Q92, 60-62;
3Q92, 56-57, 59; 4Q92, 49-51; 1Q93, 65-70; 2Q93, 61, 63; 3Q93, 70
4Q92, 73
Quality Control Samples: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153
Site Index: 1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

FTF Series

Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 3; 1Q88, 5; 2Q88, 3; 3Q88, 4;
4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 4; 2Q90, 4;
3Q90, 4; 4Q90, 4; 1Q91, 4; 2Q91, 3; 3Q91, 5, B-4, C-5; 1Q92, 4;
3Q92, 4; 4Q92, 3; 1Q93, 5; 2Q93, 4; 3Q93, 5; 4Q93, 4
Corrections: 1Q89, 13, 18, 23; 1Q90, 18-19; 3Q90, 15

INDEX OF WELL INFORMATION

FTF Series (cont.)

Sample Scheduling:	1Q89, 76; 3Q89, 40
Sample Collection:	1Q87, 34; 2Q87, 30-31; 3Q87, 35; 4Q87, 36; 1Q88, 91; 2Q88, 58; 4Q89, 45; 1Q90, 71; 2Q90, 54; 3Q90, 62; 1Q91, 21
Field Notes:	3Q91, 33; 4Q91, 29; 1Q92, 29; 4Q92, 29; 1Q93, 37, 42; 2Q93, 37, 42; 3Q93, 47; 4Q93, 35
Sample Analysis:	2Q87, 44; 4Q87, 54-55, 57; 1Q88, 124; 2Q88, 86, 89-90, 94; 3Q88, 77, 79-80; 4Q88, 94-95, 99-100; 1Q89, 132-134, 139; 2Q89, 110; 3Q89, 90, 96-97, 100; 4Q89, 103, 105; 1Q90, 93-94; 2Q90, 67, 70; 3Q90, 90-92, 97; 4Q90, 79, 82, 90
Analytical-Data Review:	1Q91, 49, 51-52, 54, 57-59; 3Q91, 54, 59, 61, 63; 1Q92, 49, 51-54; 3Q92, 47-48, 50-52; 1Q93, 60-62; 3Q93, 62-67
Quality Control Samples:	4Q90, 113; 1Q91, 89; 3Q93, 96
Site Index:	1Q93, 149; 2Q93, 139; 3Q93, 155; 4Q93, 153

GBW Series

Well Maintenance:	1Q86, 5
Executive Summary:	1Q93, 10; 3Q93, 8
Introduction:	4Q93, 12
Sample Collection:	3Q86, 26; 4Q86, 34; 1Q87, 34; 2Q87, 31; 3Q87, 35; 4Q87, 36; 1Q88, 91; 2Q88, 59; 3Q88, 45; 4Q88, 56; 1Q89, 82; 2Q89, 48; 3Q89, 48; 4Q89, 45; 1Q90, 71; 2Q90, 54; 3Q90, 62; 4Q90, 62; 1Q91, 25
Field Notes:	2Q91, 31; 3Q91, 39; 4Q91, 35; 1Q92, 35; 2Q92, 38; 3Q92, 34; 4Q92, 33; 1Q93, 42; 2Q93, 42; 3Q93, 51; 4Q93, 40
Analytical-Data Review:	1Q91, 48, 56-57; 1Q93, 54, 56, 58-60
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

GCD Series

Well Abandonment:	4Q86, 11
Well Maintenance:	3Q86, 12

H Series

Executive Summary:	1Q87, 5; 2Q87, 4; 3Q87, 5; 4Q87, 4; 1Q88, 6; 2Q88, 3; 3Q88, 4; 4Q88, 3; 1Q89, 5; 2Q89, 4; 3Q89, 5; 4Q89, 3; 1Q90, 5; 2Q90, 4; 3Q90, 5; 4Q90, 4; 1Q91, 5; 3Q91, 5; 4Q91, C-6; 1Q92, 5; 3Q92, 5; 3Q93, 5, 6
Corrections:	1Q89, 13, 15, 18, 21, 24
Well Abandonment:	3Q88, 12; 1Q89, 29; 2Q89, 13
Well Maintenance:	3Q86, 12
Surveying:	2Q86, 13; 3Q86, 18
Sample Collection:	1Q87, 34; 2Q87, 31; 3Q87, 35; 1Q88, 92; 2Q88, 59; 4Q89, 45; 1Q91, 21
Field Notes:	3Q91, 33, 39; 4Q91, 29, 35; 1Q92, 29, 35; 2Q92, 33, 38; 3Q92, 29, 35; 4Q92, 34
Sample Analysis:	2Q87, 44; 4Q87, 56; 1Q88, 124; 2Q88, 86, 94; 3Q88, 83; 4Q88, 100; 1Q89, 139; 3Q89, 100; 1Q90, 97; 2Q90, 69, 76, 79; 3Q90, 80, 91-92, 97; 4Q90, 91
Analytical-Data Review:	3Q91, 61, 63-64; 1Q92, 55; 3Q92, 51, 53
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

HAC Series

Executive Summary:	4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 5; 2Q90, 4; 3Q90, 5; 4Q90, 4; 1Q91, 5; 2Q91, 3; 3Q91, 5; 4Q91, 4, B-4, C-5; 1Q92, 4; 2Q92, 4; 3Q92, 5; 4Q92, 4; 1Q93, 6; 2Q93, 4; 3Q93, 5; 4Q93, 4
Corrections:	1Q89, 24; 1Q90, 16-17
Well Construction:	3Q88, 21-22
Well Stabilization:	4Q88, 32-33
Surveying:	3Q86, 18; 3Q88, 33
Sample Scheduling:	4Q88, 50; 1Q89, 73; 2Q89, 40; 3Q89, 38; 4Q89, 35
Sample Collection:	4Q88, 56; 1Q89, 82; 2Q89, 48; 3Q89, 48; 4Q89, 45; 1Q90, 71; 2Q90, 54; 3Q90, 62; 4Q90, 62; 1Q91, 25
Field Notes:	2Q91, 31; 3Q91, 39; 4Q91, 35; 1Q92, 35; 2Q92, 38; 3Q92, 35; 4Q92, 34; 1Q93, 42; 2Q93, 42; 3Q93, 51; 4Q93, 40
Sample Analysis:	1Q89, 133; 2Q89, 58-61, 63, 65-67, 70-85, 89, 107-108; 3Q89, 92-93; 4Q89, 100-101; 1Q90, 87, 89; 2Q90, 68, 71, 74, 76; 3Q90, 77-78, 80-81, 83, 85, 89, 91, 94; 4Q90, 74-75, 77-79
Analytical-Data Review:	1Q91, 36-37, 39-40, 43; 2Q91, 45-48, 52-53, 55-56, 59; 3Q91, 48, 54-55, 57-62; 4Q91, 50, 52, 54-55; 1Q92, 59-61; 2Q92, 59-61; 3Q92, 47-48, 52, 54-57; 4Q92, 50-51; 1Q93, 65, 67-70; 2Q93, 62, 63; 4Q93, 58
Quality Control Samples:	2Q90, 91, 103-104; 3Q90, 111, 124, 126-127; 1Q91, 87; 3Q92, 72, 82, 84-85; 1Q93, 84, 97, 100; 4Q93, 71, 84, 85
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HAP Series

Executive Summary:	1Q88, 1, 6; 2Q88, 4; 3Q88, 4; 4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 1Q91, 5; 1Q93, 6; 2Q93, 4
Corrections:	1Q89, 13, 18, 22, 24
Well Construction:	1Q88, 35-36
Well Stabilization:	1Q88, 65-66
Surveying:	4Q88, 48; 1Q89, 71
Sample Collection:	1Q88, 92; 2Q88, 59
Field Notes:	3Q91, 39; 4Q91, 35; 1Q92, 35
Sample Analysis:	2Q88, 85; 3Q88, 56, 79-80, 82; 4Q88, 71, 78, 97-98; 1Q89, 133; 3Q90, 80-81
Analytical-Data Review:	1Q91, 36-37, 39, 43, 49, 52; 1Q92, 51; 1Q93, 53-55, 68, 69, 71; 2Q93, 52, 57
Quality Control Samples:	1Q91, 75, 88-90; 1Q93, 83, 98-101
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HC Series

Executive Summary:	2Q93, 1, 4; 3Q93, 6
Well Abandonment:	1Q88, 16
Corrections:	3Q93, 17-28
Field Notes:	2Q93, 37, 42; 3Q93, 47, 51
Analytical-Data Review:	2Q93, 52-54; 3Q93, 62-66, 72
Quality Control Samples:	2Q93, 89
Water Level Data:	4Q88, 302
Site Index:	2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

HCA Series

Executive Summary: 3Q86, 4; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 5; 4Q87, 3; 1Q88, 6; 3Q88, 4; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 5; 3Q90, 5; 1Q91, 5; 2Q91, 3; 3Q91, 5; 4Q91, 4, B-4, C-5; 1Q92, 5; 2Q92, 4; 3Q92, 5; 4Q92, 4; 1Q93, 6; 2Q93, 4; 3Q93, 6; 4Q93, 4

Corrections: 1Q89, 18

Well Construction: 2Q86, 9; 4Q86, 22; 1Q87, 13-14

Surveying: 1Q87, 25

Sample Collection: 3Q86, 27; 4Q86, 35; 1Q87, 34-35; 2Q87, 31; 3Q87, 35; 4Q87, 36; 1Q88, 92; 2Q88, 59; 3Q88, 45; 4Q88, 56; 1Q89, 82; 2Q89, 49; 3Q89, 48; 4Q89, 45; 1Q90, 71; 2Q90, 54; 3Q90, 62; 1Q91, 25

Field Notes: 2Q91, 31; 3Q91, 39; 4Q91, 35; 1Q92, 35; 2Q92, 38; 3Q92, 35; 4Q92, 34; 1Q93, 42; 2Q93, 42; 3Q93, 52; 4Q93, 40

Sample Analysis: 2Q87, 42-43; 3Q87, 52; 4Q87, 55; 1Q88, 120, 122; 3Q88, 79-80; 1Q89, 133; 2Q89, 107; 4Q89, 100; 1Q90, 87; 3Q90, 79, 82

Analytical-Data Review: 1Q91, 37, 40, 42-43, 49, 52-56; 2Q91, 57; 3Q91, 54-55, 61; 4Q91, 54; 1Q92, 50-51, 53, 59-61; 2Q92, 54-57; 3Q92, 47-49; 4Q92, 43; 1Q93, 58-60, 73; 2Q93, 52, 56; 3Q93, 65, 66

Quality Control Samples: 1Q91, 75, 87-88, 90; 3Q91, 73; 1Q92, 73, 83-86

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HCB Series

Executive Summary: 3Q86, 4; 1Q87, 5; 3Q87, 5; 1Q88, 6; 2Q88, 3; 3Q88, 4; 1Q89, 4; 2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 5; 2Q90, 4; 3Q90, 5; 4Q90, 4; 1Q91, 5; 2Q91, 3; 3Q91, 5, B-4, C-5; 1Q92, 5; 2Q92, 4; 3Q92, 5; 4Q92, 4; 1Q93, 6; 2Q93, 4; 3Q93, 6; 4Q93, 4

Corrections: 1Q87, 9; 2Q87, 7; 1Q89, 13, 18, 21, 24; 1Q90, 16

Well Maintenance: 2Q86, 6; 3Q86, 12; 3Q90, 23; 4Q90, 18

Surveying: 2Q86, 14-15; 1Q87, 25

Sample Scheduling: 2Q88, 52; 3Q88, 37; 1Q89, 75

Sample Collection: 3Q86, 27; 4Q86, 35; 1Q87, 35; 2Q87, 31; 3Q87, 35; 4Q87, 36; 1Q88, 92; 2Q88, 59; 3Q88, 45; 4Q88, 56; 1Q89, 83; 2Q89, 49; 3Q89, 49; 4Q89, 45; 1Q90, 72; 2Q90, 54; 3Q90, 62; 4Q90, 62; 1Q91, 25

Field Notes: 2Q91, 32; 3Q91, 39; 4Q91, 35; 1Q92, 35; 3Q92, 35; 1Q93, 42

Sample Analysis: 1Q87, 55; 3Q87, 52; 1Q88, 106, 121-122; 3Q88, 79; 1Q89, 131-133; 3Q89, 92; 1Q90, 86-90; 3Q90, 86, 90; 4Q90, 76, 87

Analytical-Data Review: 1Q91, 36-37, 39, 44-45, 49, 52, 55-56, 58-59; 3Q91, 54, 58-59, 61-63; 1Q92, 51-53, 60; 3Q92, 52; 1Q93, 52, 54, 56, 58, 60, 61, 67-69, 71; 2Q93, 52, 54-57, 61-64; 3Q93, 64, 70; 4Q93, 55, 58

Quality Control Samples: 3Q90, 124; 1Q91, 75, 88, 90; 3Q91, 73, 79; 1Q92, 73, 84, 86; 1Q93, 83, 97-100; 2Q93, 77, 90-94; 3Q93, 83, 98-100; 4Q93, 71, 84, 86

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HCC Series

Corrections: 1Q87, 9; 2Q87, 7

Well Construction: 4Q86, 23-26; 1Q87, 13-19

Surveying: 1Q87, 25-26

INDEX OF WELL INFORMATION

HET Series

Executive Summary: 4Q88, 3; 1Q89, 4; 2Q89, 4; 3Q89, 4; 1Q90, 5; 3Q90, 5; 1Q91, 5; 3Q91, 5; 4Q91, C-5; 1Q92, 5; 3Q92, 5
 Corrections: 1Q89, 24; 1Q90, 17; 1Q93, 6; 2Q93, 4; 3Q93, 6; 4Q93, 4
 Well Construction: 3Q88, 22-23
 Well Stabilization: 4Q88, 33-34
 Surveying: 3Q88, 33
 Sample Scheduling: 4Q88, 50
 Sample Collection: 4Q88, 56; 1Q89, 83; 2Q89, 49; 3Q89, 49; 4Q89, 45; 1Q90, 72; 2Q90, 54; 3Q90, 62-63; 4Q90, 62-63; 1Q91, 25
 Field Notes: 2Q91, 32; 3Q91, 39; 4Q91, 35; 1Q92, 35; 2Q92, 38; 3Q92, 35; 4Q92, 34; 1Q93, 42; 2Q93, 42; 3Q93, 52; 4Q93, 40
 Sample Analysis: 4Q88, 93; 1Q89, 103-104, 136; 2Q89, 107; 3Q89, 92-93; 1Q90, 86-88; 3Q90, 81
 Analytical-Data Review: 1Q91, 37, 42, 44; 3Q91, 58; 1Q92, 52-53; 1Q93, 52, 59, 60; 2Q93, 52, 54-56; 4Q93, 60
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HIW Series

Field Notes: 3Q92, 35

HMD Series

Executive Summary: 1Q91, 5; 2Q91, 5; 3Q91, 8; 4Q91, 6, B-6, C-8; 1Q92, 7; 2Q92, 6; 3Q92, 7; 4Q92, 6; 1Q93, 9; 2Q93, 7; 3Q93, 8; 4Q93, 6
 Sample Collection: 1Q91, 25-26
 Field Notes: 2Q91, 32; 3Q91, 39; 4Q91, 35; 1Q92, 36; 2Q92, 38; 3Q92, 35; 4Q92, 34; 1Q93, 42; 2Q93, 42; 3Q93, 52; 4Q93, 40
 Analytical-Data Review: 1Q91, 37; 2Q91, 44, 47-49, 51, 55-57; 3Q91, 49-50, 54, 56, 63; 4Q91, 46, 56-57; 1Q92, 52, 59-60; 2Q92, 52-53, 55, 60-61; 3Q92, 46-48, 56-57; 4Q92, 43, 45, 49-51; 1Q93, 59, 60, 65, 67, 68, 70, 71; 2Q93, 52, 53, 55, 63, 64; 3Q93, 63, 70, 71; 4Q93, 52, 54, 57, 59
 Quality Control Samples: 3Q91, 73, 79; 4Q91, 65; 1Q92, 73, 85-86; 2Q92, 75, 85-87; 3Q92, 71, 82-85; 4Q92, 63, 72-74; 1Q93, 83, 98, 100; 2Q93, 77, 91, 94; 3Q93, 83, 98-100; 4Q93, 72, 85, 87, 88
 Water Level Data: 1Q93, 124; 2Q93, 115; 3Q93, 130, 131; 4Q93, 126, 127
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HP Series

Well Maintenance: 2Q86, 8

HPT Series

Well Construction: 1Q89, 36-37
 Surveying: 4Q88, 47

INDEX OF WELL INFORMATION

HR3 Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 5; 4Q87, 3; 1Q88, 6; 2Q88, 3; 3Q88, 4; 4Q88, 3; 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 5; 2Q90, 4; 3Q90, 5; 4Q90, 4; 1Q91, 5; 3Q91, 5; 4Q91, C-6; 1Q92, 5; 3Q92, 5; 4Q92, 4; 1Q93, 7; 2Q93, 5; 3Q93, 6; 4Q93, 5

Corrections: 1Q89, 13, 19, 24; 1Q93, 20

Well Maintenance: 2Q87, 14; 4Q88, 13

Sample Scheduling: 3Q88, 37

Sample Collection: 3Q86, 27; 4Q86, 35; 1Q87, 35; 2Q87, 31; 3Q87, 35; 4Q87, 37; 1Q88, 92; 2Q88, 59; 1Q89, 83; 2Q89, 49; 4Q90, 63; 1Q91, 26

Field Notes: 2Q91, 32; 4Q91, 35; 3Q92, 35

Sample Analysis: 2Q86, 18-19; 1Q87, 45; 3Q87, 52; 1Q89, 133; 2Q89, 58-61, 63, 65-67, 70-79, 81-84, 110-111, 114-115; 2Q90, 79

Analytical-Data Review: 1Q91, 36, 48-49, 57-58; 3Q91, 49, 54; 1Q92, 50, 52, 58-59; 2Q92, 53; 3Q92, 50; 4Q92, 50-51; 1Q93, 59, 61; 2Q93, 52, 54, 57; 3Q93, 64, 70; 4Q93, 52

Quality Control Samples: 1Q91, 75, 88-90; 1Q92, 73, 85-86; 4Q92, 63, 73-74; 3Q93, 83, 97, 99, 100; 4Q93, 72, 88

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HR8 Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 5; 4Q87, 3; 1Q88, 6; 2Q88, 3; 3Q88, 4; 4Q88, 3; 1Q89, 5; 2Q89, 4; 3Q89, 4; 1Q90, 5; 2Q90, 4; 3Q90, 5; 4Q90, 4; 1Q91, 5; 3Q91, 5; 4Q91, C-6; 1Q92, 5; 2Q92, 4; 3Q92, 5; 1Q93, 6; 2Q93, 5; 3Q93, 6; 4Q93, 4

Corrections: 3Q88, 10; 1Q89, 13, 18, 24; 3Q89, 12; 1Q93, 20, 21

Well Maintenance: 1Q88, 20; 4Q88, 13; 1Q90, 24

Sample Scheduling: 3Q88, 37; 3Q93, 46; 4Q93, 33

Sample Collection: 3Q86, 27; 4Q86, 35; 1Q87, 35; 2Q87, 31; 3Q87, 35; 4Q87, 37; 1Q88, 92; 2Q88, 59; 3Q88, 45; 4Q88, 56; 1Q89, 83; 2Q89, 49; 3Q89, 49; 4Q89, 45; 1Q90, 72; 2Q90, 54; 3Q90, 63; 1Q91, 26

Field Notes: 2Q91, 32; 3Q91, 39; 4Q91, 35; 1Q92, 36; 2Q92, 38; 3Q92, 35; 4Q92, 34; 1Q93, 43; 3Q93, 52; 4Q93, 40

Sample Analysis: 3Q87, 52; 4Q87, 54-55; 1Q88, 124; 3Q88, 83; 2Q89, 110-111; 4Q89, 105; 1Q90, 93; 3Q90, 92; 4Q90, 90

Analytical-Data Review: 1Q91, 46, 48-49, 56-59; 3Q91, 49, 54, 61; 1Q92, 55-56; 2Q92, 53-54, 62; 4Q92, 50-51; 1Q93, 59, 60; 2Q93, 52-54, 57, 60-63, 65; 4Q93, 52

Quality Control Samples: 2Q92, 75, 85-86; 4Q92, 63, 74; 2Q93, 77, 89-91, 93, 94; 4Q93, 72, 84, 88

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HSB Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 5; 4Q87, 4; 1Q88, 1, 6; 2Q88, 4; 3Q88, 4; 4Q88, 3; 1Q89, 5; 2Q89, 4; 3Q89, 5; 4Q89, 3; 1Q90, 5; 2Q90, 4; 3Q90, 5; 4Q90, 4; 1Q91, 5; 2Q91, 4; 3Q91, 5; 4Q91, 4, B-5, C-1, C-6; 1Q92, 5; 2Q92, 4; 3Q92, 5; 4Q92, 4; 1Q93, 7; 2Q93, 5; 3Q93, 6; 4Q93, 5

Corrections: 1Q87, 9; 2Q88, 9; 1Q89, 11, 13, 19, 22, 24; 2Q89, 11; 3Q89, 12; 1Q90, 17-20; 2Q90, 13; 4Q91, 15

Well Maintenance: 1Q86, 5; 2Q86, 6; 3Q86, 12; 4Q86, 13; 2Q87, 15; 1Q88, 20; 4Q88, 13-14; 1Q89, 32; 3Q89, 15, 17; 2Q90, 17-18; 3Q90, 23

INDEX OF WELL INFORMATION

HSB Series (cont.)

Well Construction:	1Q88, 36-49; 2Q88, 20-29; 1Q89, 38; 4Q90, 30-35
Well Stabilization:	1Q88, 66-77; 2Q88, 37-46
Surveying:	2Q86, 14; 1Q87, 26-27; 1Q88, 80; 2Q88, 47-48; 4Q88, 47; 4Q90, 50
Sample Scheduling:	1Q87, 29; 2Q87, 25; 3Q87, 29; 4Q87, 28; 1Q88, 83; 2Q88, 51-52; 3Q88, 39; 1Q89, 74; 2Q89, 40, 42; 3Q89, 38, 40; 4Q89, 35-37; 2Q93, 35; 3Q93, 45, 46; 4Q93, 33
Sample Collection:	3Q86, 22, 27; 4Q86, 35; 1Q87, 35; 2Q87, 31; 3Q87, 35; 4Q87, 37; 2Q88, 59-60; 3Q88, 45-46; 4Q88, 56-57; 1Q89, 83; 2Q89, 49-50; 3Q89, 49; 4Q89, 46; 1Q90, 72-73; 2Q90, 54-55; 3Q90, 63; 4Q90, 63; 1Q91, 26-27
Field Notes:	2Q91, 32; 3Q91, 39-40; 4Q91, 35-36; 1Q92, 36; 2Q92, 39; 3Q92, 35-36; 4Q92, 34-35; 1Q93, 43; 2Q93, 42, 43; 3Q93, 52; 4Q93, 40, 41
Sample Analysis:	1Q86, 18; 4Q86, 40-41, 44-45; 1Q87, 41-42, 46, 55, 57; 2Q87, 39, 42-43; 3Q87, 51-52; 4Q87, 45-46, 54-57; 1Q88, 92-93, 106-107, 120-124; 2Q88, 84, 88-94; 3Q88, 56-58, 67-68, 75-83; 4Q88, 71-73, 92-96, 98-100; 1Q89, 104-107, 118-119, 129-136, 139; 2Q89, 58-90, 108-115; 3Q89, 58, 68, 91-100; 4Q89, 56, 66-67, 100-103; 1Q90, 82-90, 93-97; 2Q90, 67-69, 71-79; 3Q90, 76-77, 83-85, 87-95; 4Q90, 74-79, 81-88, 90-91
Analytical-Data Review:	1Q91, 40-44, 47-63; 2Q91, 42-60; 3Q91, 48-64; 4Q91, 45-56, C-10; 1Q92, 47-55, 58-62; 2Q92, 49-56, 58-59, 61; 3Q92, 46-53, 55-59; 4Q92, 42, 44-48, 50, 52; 1Q93, 52-73; 2Q93, 52-59, 62-64, 66; 3Q93, 62-68, 70, 72; 4Q93, 50-55, 57-62
Quality Control Samples:	1Q90, 105, 112-114; 2Q90, 91, 102-105, 113; 3Q90, 111, 124-126; 4Q90, 101, 110, 112-113; 1Q91, 75, 87-90; 2Q91, 71, 78-80; 3Q91, 78-79; 4Q91, 65, 71; 1Q92, 73, 84-86; 2Q92, 75, 84-87; 3Q92, 71, 82-85; 4Q92, 63, 72-74; 1Q93, 83, 84, 96-101; 2Q93, 77, 91-94; 3Q93, 83, 96-101; 4Q93, 72, 83-88
Water Level Data:	4Q88, 302; 1Q93, 125-131; 2Q93, 115-121; 3Q93, 131-137; 4Q93, 127-133
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HSC Series (Incorrectly reported; should be HSB)

Corrections:	1Q87, 9
Sample Analysis:	4Q86, 45

HSL Series

Executive Summary:	3Q92, 1, 5; 4Q92, 4; 1Q93, 6; 2Q93, 5; 3Q93, 6; 4Q93, 4
Field Notes:	3Q92, 36; 4Q92, 35; 2Q93, 43; 3Q93, 52; 4Q93, 41
Analytical-Data Review:	3Q92, 48; 4Q92, 45-47; 1Q93, 72; 2Q93, 52-55, 57, 64, 66; 3Q93, 63, 64, 73; 4Q93, 52-55, 62
Quality Control Samples:	4Q92, 72
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

HSP Series

Corrections: 1Q93, 19

HSS Series

Executive Summary: 4Q88, 3; 1Q89, 5; 2Q89, 5; 3Q89, 5; 1Q90, 5; 3Q90, 5; 3Q91, 5;
4Q91, C-6; 1Q92, 5; 3Q92, 5; 1Q93, 7; 3Q93, 6
Corrections: 1Q89, 24; 1Q90, 17
Well Construction: 4Q88, 18-19
Well Stabilization: 4Q88, 34-35
Surveying: 4Q88, 47-48
Sample Scheduling: 4Q88, 50; 1Q89, 73; 2Q89, 40; 3Q89, 38; 4Q89, 35
Sample Collection: 4Q88, 57; 1Q89, 84; 2Q89, 50; 3Q89, 49; 4Q89, 46; 1Q90, 73; 2Q90,
55; 3Q90, 63; 4Q90, 63; 1Q91, 27
Field Notes: 2Q91, 33; 3Q91, 40; 4Q91, 36; 1Q92, 36; 2Q92, 39; 3Q92, 36;
4Q92, 35; 1Q93, 43; 2Q93, 43; 3Q93, 52; 4Q93, 41
Sample Analysis: 1Q89, 107-108, 133, 135-137; 2Q89, 58-61, 63, 65, 67, 70-79, 81-84,
90, 111, 114; 3Q89, 92; 4Q89, 56; 4Q89, 103; 1Q90, 83, 85, 88; 2Q90,
68, 69; 4Q90, 75-76, 79
Analytical-Data Review: 1Q91, 37-38, 42; 2Q91, 44, 47, 49; 3Q91, 54, 61; 4Q91, 48; 1Q92, 50,
53, 58-60; 2Q92, 59; 4Q92, 49-50; 1Q93, 65, 68, 70; 3Q93, 69, 70
Quality Control Samples: 1Q90, 113; 2Q90, 91; 4Q90, 101, 110, 112; 1Q93, 84, 98, 99; 3Q93, 83
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HTF Series

Executive Summary: 1Q87, 5; 2Q87, 4; 3Q87, 5; 4Q87, 4; 1Q88, 6; 2Q88, 4; 3Q88, 4;
4Q88, 3; 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 5; 2Q90, 4;
3Q90, 5; 4Q90, 4; 1Q91, 5; 2Q91, 4; 3Q91, 5; 4Q91, 4, B-5, C-6;
1Q92, 5; 2Q92, 4; 3Q92, 5; 1Q93, 7; 2Q93, 5; 3Q93, 6; 4Q93, 5
Corrections: 4Q87, 7; 2Q88, 10-11; 1Q89, 13, 15, 19, 24; 3Q89, 12; 4Q89, 9; 1Q90,
19-20; 3Q90, 15; 1Q93, 19-21
Well Abandonment: 4Q86, 11
Sample Scheduling: 1Q89, 74, 76; 2Q89, 40; 3Q89, 40; 4Q89, 37
Sample Collection: 1Q87, 35-36; 2Q87, 31; 3Q87, 36; 4Q87, 37; 1Q88, 93; 2Q88, 60;
4Q89, 46; 1Q90, 73; 2Q90, 55; 3Q90, 64; 4Q90, 64; 1Q91, 21, 27
Field Notes: 2Q91, 27, 33; 3Q91, 33, 40; 4Q91, 29, 36; 1Q92, 29, 37; 2Q92, 39;
3Q92, 36; 1Q93, 37, 43; 2Q93, 37, 43; 3Q93, 47, 52; 4Q93, 35, 41
Sample Analysis: 2Q87, 42, 44; 3Q87, 53; 4Q87, 55; 1Q88, 124; 2Q88, 85-86, 88; 3Q88,
79; 4Q88, 96-97; 1Q89, 132, 134, 139; 2Q89, 107, 110-111; 3Q89, 90,
96, 97, 99-101; 4Q89, 102-105; 1Q90, 93-95, 97; 2Q90, 67-68, 71, 77,
79; 3Q90, 86, 89-91, 93, 97; 4Q90, 86-87
Analytical-Data Review: 1Q91, 49, 54-59, 62; 2Q91, 44, 48, 51, 57; 3Q91, 48, 57, 59, 61-63;
4Q91, 52, B-8; 1Q92, 49-55; 3Q92, 47, 49-51, 53-54; 4Q92, 45-48;
1Q93, 52-62, 72, 73; 2Q93, 52-58, 64, 65; 3Q93, 63-67, 71; 4Q93, 51,
53-55, 61
Quality Control Samples: 4Q92, 72
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

HWB Series (Incorrectly reported; should be HWS)

Corrections: 1Q87, 9
Sample Analysis: 4Q86, 45

HWS Series

Executive Summary: 2Q89, 6; 4Q89, 5; 1Q93, 9
Corrections: 1Q87, 9; 1Q90, 16-18
Well Maintenance: 2Q87, 15; 4Q88, 13
Sample Scheduling: 3Q88, 37
Sample Collection: 3Q86, 27; 4Q86, 35; 1Q87, 36; 2Q87, 31; 3Q87, 36; 4Q87, 37; 1Q88, 93; 2Q88, 60; 1Q89, 84; 2Q89, 50; 3Q89, 50; 4Q89, 46; 2Q90, 55; 3Q90, 64; 4Q90, 64; 1Q91, 27
Field Notes: 2Q91, 33; 3Q91, 40; 4Q91, 36; 1Q92, 37; 2Q92, 39; 4Q92, 35; 1Q93, 43; 2Q93, 43; 3Q93, 52
Sample Analysis: 4Q87, 55; 2Q89, 106-107; 1Q90, 84, 87-88; 3Q90, 76
Analytical-Data Review: 1Q91, 37, 42-43; 3Q91, 62; 1Q92, 53; 1Q93, 54, 58, 67-69; 3Q93, 66
Quality Control Samples: 1Q93, 84, 97-100
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

HXB Series

Executive Summary: 2Q89, 6; 1Q90, 5; 1Q91, 8; 2Q91, 6; 3Q91, 8; 4Q91, 5, B-7, C-8; 1Q92, 7; 3Q92, 7; 1Q93, 9; 3Q93, 8
Corrections: 3Q87, 10; 1Q90, 17-18
Well Maintenance: 2Q87, 15
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 27; 4Q86, 35; 1Q87, 36; 2Q87, 31; 3Q87, 36; 4Q87, 37; 1Q88, 93; 2Q88, 60; 3Q88, 46; 4Q88, 57; 1Q89, 84; 2Q89, 50
Field Notes: 2Q91, 33; 3Q91, 40; 4Q91, 36; 1Q92, 37; 2Q92, 39; 3Q92, 36; 4Q92, 35; 1Q93, 43; 2Q93, 43; 3Q93, 53; 4Q93, 41
Sample Analysis: 3Q87, 52; 2Q89, 106-107; 1Q90, 87-88; 3Q90, 79
Analytical-Data Review: 1Q91, 37-38, 42-44; 2Q91, 44-45, 47-49, 53-54; 3Q91, 54-55, 58-62; 4Q91, 48, 52, 55; 1Q92, 50-51, 53, 60-61; 1Q93, 54, 56, 58, 59, 67, 69, 70; 3Q93, 70
Quality Control Samples: 1Q90, 113; 1Q92, 73, 84, 86; 1Q93, 84, 97, 98, 100; 3Q93, 83, 100
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

IDB Series

Executive Summary: 1Q87, 7; 4Q89, 5; 1Q90, 8; 2Q90, 7; 3Q90, 8; 4Q90, 6; 1Q91, 8; 2Q91, 6; 3Q91, 8; 4Q91, 6, B-2, B-7, C-9; 1Q92, 7; 2Q92, 6; 3Q92, 7; 4Q92, 6; 1Q93, 10; 2Q93, 7; 3Q93, 8; 4Q93, 6
Surveying: 1Q88, 80-81; 2Q88, 48
Sample Scheduling: 1Q87, 29; 4Q89, 35
Sample Collection: 1Q87, 36; 4Q89, 46; 1Q90, 73; 2Q90, 56; 3Q90, 64; 4Q90, 64; 1Q91, 27
Field Notes: 2Q91, 33; 3Q91, 40; 4Q91, 36; 1Q92, 37; 2Q92, 40; 3Q92, 36; 4Q92, 35; 1Q93, 43, 44; 2Q93, 43; 3Q93, 53; 4Q93, 41
Sample Analysis: 1Q90, 85; 2Q90, 66, 68-69; 3Q90, 77-81, 86-88, 92, 96; 4Q90, 75, 77-79

INDEX OF WELL INFORMATION

IDB Series (Interim Waste Management Facility Site Characterization Wells, Site B) (cont.)

Analytical-Data Review: 1Q91, 38, 40-42, 44, 48, 52-55, 59, 61; 2Q91, 45, 48-49, 51-52, 55, 57-59; 3Q91, 49, 55-59, 62-63; 4Q91, 49, 51-56; 1Q92, 52-53; 3Q92, 52; 1Q93, 55, 57-61, 66, 69, 73; 3Q93, 63-65

Quality Control Samples: 2Q90, 91; 3Q90, 111, 123-124, 126; 4Q90, 110; 1Q91, 75, 87-90; 2Q91, 71, 79; 3Q91, 73, 79; 1Q92, 73, 84-86; 1Q93, 84, 98, 100; 3Q93, 83

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

IDP Series

Executive Summary: 4Q89, 5; 1Q90, 8; 2Q90, 7; 3Q90, 8; 4Q90, 6; 1Q91, 9; 2Q91, 6; 3Q91, 8; 4Q91, 6, B-2, B-7, C-9; 1Q92, 7; 2Q92, 6; 3Q92, 8; 4Q92, 6; 1Q93, 10; 2Q93, 7; 3Q93, 8; 4Q93, 7

Corrections: 3Q90, 15

Well Maintenance: 3Q90, 23

Surveying: 1Q88, 81; 4Q90, 50

Sample Scheduling: 4Q89, 35

Sample Collection: 4Q89, 47; 1Q90, 73; 2Q90, 56; 3Q90, 64; 4Q90, 64; 1Q91, 27

Field Notes: 2Q91, 27, 33; 3Q91, 33, 40; 4Q91, 29, 36; 1Q92, 29, 37; 2Q92, 33, 40; 3Q92, 29, 36; 4Q92, 29, 35; 1Q93, 37, 44; 2Q93, 37, 43; 3Q93, 47, 53; 4Q93, 35, 36, 41

Sample Analysis: 1Q90, 84; 2Q90, 66, 68-70, 79; 3Q90, 77-78, 81, 85-89, 92-93, 96; 4Q90, 74-79, 82, 86

Analytical-Data Review: 1Q91, 37-38, 41-43, 45, 55, 62; 2Q91, 42, 44, 47-49, 51, 54, 56, 58, 60; 3Q91, 48-49, 55-57; 4Q91, 49, 51-52, 54-56, B-8; 1Q92, 62; 1Q93, 58-60; 3Q93, 63, 64

Quality Control Samples: 3Q90, 111, 123, 125-126; 4Q90, 101, 110, 112; 2Q91, 71, 80; 4Q91, 65, 71; 1Q92, 73, 86; 3Q93, 83

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

IDQ Series

Executive Summary: 4Q89, 5; 1Q90, 8; 2Q90, 7; 3Q90, 8; 4Q90, 6; 1Q91, 9; 2Q91, 6; 3Q91, 8; 4Q91, 6, B-2, B-7, C-9; 1Q92, 7; 2Q92, 6; 3Q92, 8; 4Q92, 6

Well Maintenance: 3Q90, 23-24; 1Q93, 10; 2Q93, 7; 3Q93, 9; 4Q93, 7

Surveying: 1Q88, 81; 4Q90, 50

Sample Scheduling: 4Q89, 35; 3Q93, 46; 4Q93, 33

Sample Collection: 4Q89, 47; 1Q90, 73; 2Q90, 56; 3Q90, 64; 4Q90, 64; 1Q91, 27

Field Notes: 2Q91, 27, 33; 3Q91, 33, 40; 4Q91, 29, 37; 1Q92, 29, 37; 2Q92, 33, 40; 3Q92, 29, 36-37; 4Q92, 35; 1Q93, 44; 2Q93, 43; 3Q93, 53; 4Q93, 35, 36, 41

Sample Analysis: 2Q90, 66, 68-69; 3Q90, 77-81, 85-89, 91, 96; 4Q90, 75, 77-79

Analytical-Data Review: 1Q91, 38, 40-41, 43-45, 54, 57; 2Q91, 42, 45, 47, 49, 52, 54-56, 58; 3Q91, 49, 55-61, 63; 4Q91, 49, 51-52, 54-56, B-8; 1Q92, 51, 53-54; 3Q92, 49; 1Q93, 52, 53, 55, 58-61, 64, 69, 70; 3Q93, 62-66

Quality Control Samples: 2Q90, 91; 3Q90, 111, 124-126; 2Q91, 71, 79-80; 4Q91, 65, 71; 1Q93, 84, 97, 98, 100

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

K Series

Well Abandonment: 1Q88, 17; 4Q89, 11
 Executive Summary: 1Q92, 2; 2Q92, 1; 3Q92, 2; 4Q92, 1; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 2
 Sample Collection: 1Q91, 21, 28
 Field Notes: 2Q91, 27; 3Q91, 33, 41; 4Q91, 29, 38; 1Q92, 29, 37; 2Q92, 33, 40; 3Q92, 29, 37; 4Q92, 29, 35; 1Q93, 37, 44; 2Q93, 37, 43; 3Q93, 47, 53; 4Q93, 35, 36, 42
 Analytical-Data Review: 2Q91, 44; 4Q91, 51, 58; 1Q92, 50; 1Q93, 58, 61; 2Q93, 56; 3Q93, 66
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KAB Series

Executive Summary: 3Q86, 2; 1Q87, 2; 3Q87, 2; 1Q88, 2; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 1Q90, 2; 3Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, B-3, C-2; 1Q92, 1; 2Q92, 1; 3Q92, 1; 4Q92, 1; 1Q93, 2; 2Q93, 1; 3Q93, 1; 4Q93, 1
 Corrections: 1Q89, 16; 3Q89, 12
 Well Maintenance: 2Q87, 15; 4Q88, 13-14; 3Q89, 17
 Sample Scheduling: 3Q88, 38
 Sample Collection: 3Q86, 28; 4Q86, 35; 1Q87, 36; 2Q87, 32; 3Q87, 36; 4Q87, 37; 1Q88, 93; 2Q88, 60; 3Q88, 46; 4Q88, 57; 1Q89, 84; 2Q89, 50; 3Q89, 50; 4Q89, 47; 1Q90, 73; 2Q90, 56; 3Q90, 64; 4Q90, 64; 1Q91, 27
 Field Notes: 2Q91, 33; 3Q91, 41; 4Q91, 37; 1Q92, 37; 2Q92, 40; 3Q92, 37; 4Q92, 35-36; 1Q93, 44; 2Q93, 43; 3Q93, 53; 4Q93, 42
 Sample Analysis: 3Q87, 51; 1Q88, 121; 3Q88, 77; 2Q89, 107-108; 3Q89, 92; 1Q90, 86, 88-89; 2Q90, 66; 3Q90, 80-81
 Analytical-Data Review: 1Q91, 37-38, 43-45, 49, 59; 3Q91, 60; 1Q92, 50-51, 53; 3Q92, 49-50; 1Q93, 59-61, 68; 3Q93, 67
 Quality Control Samples: 4Q90, 101; 1Q91, 75, 88-89, 91; 1Q93, 84, 100; 3Q93, 83, 97, 100
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KAC Series

Executive Summary: 3Q86, 2; 4Q86, 2; 1Q87, 2; 3Q87, 2; 1Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, 1, B-3, C-2; 1Q92, 1; 2Q92, 1; 3Q92, 1; 4Q92, 1; 1Q93, 1; 2Q93, 1; 3Q93, 1; 4Q93, 1
 Corrections: 1Q89, 16, 21-22; 1Q90, 16-18
 Well Maintenance: 3Q86, 13; 4Q88, 13
 Well Construction: 3Q88, 23-24
 Well Stabilization: 4Q88, 35-36
 Surveying: 4Q88, 48
 Sample Scheduling: 3Q88, 38; 4Q88, 50; 1Q89, 73, 75; 2Q89, 40; 3Q89, 38; 4Q89, 35
 Sample Collection: 3Q86, 28; 4Q86, 35; 1Q87, 36; 2Q87, 32; 3Q87, 36; 4Q87, 37; 1Q88, 93; 2Q88, 60; 3Q88, 46; 4Q88, 57; 1Q89, 84; 2Q89, 50; 3Q89, 50; 4Q89, 47; 1Q90, 74; 2Q90, 56; 3Q90, 64; 4Q90, 64; 1Q91, 27
 Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 37; 1Q92, 37-38; 2Q92, 40; 3Q92, 37; 4Q92, 35; 1Q93, 44; 2Q93, 43; 3Q93, 53; 4Q93, 42
 Sample Analysis: 1Q87, 46-47, 55, 57; 2Q87, 43; 1Q88, 121, 123; 3Q88, 76, 78; 1Q89, 129-133; 2Q89, 58-61, 63, 65, 67, 70-79, 81-85, 89-90, 106-108, 110-111, 113-114; 3Q89, 90, 92-93; 4Q89, 56, 67; 1Q90, 87-88; 2Q90,

INDEX OF WELL INFORMATION

KAC Series (cont.)

	66-69, 71, 74; 3Q90, 76-77, 79-81, 83, 85, 93; 4Q90, 74-75, 77, 79-80, 84, 86-87
Analytical-Data Review:	1Q91, 36, 38, 40-44; 2Q91, 42, 44-45, 47-48, 54-58; 3Q91, 50, 52, 54-63; 4Q91, 49, 53-55; 1Q92, 50, 58-61; 2Q92, 52, 55-56, 59-62; 3Q92, 48-50, 54-57; 4Q92, 49-50; 1Q93, 62, 65, 67-70; 2Q93, 57, 62-64; 3Q93, 63, 65, 66, 70; 4Q93, 51, 52, 58-60
Quality Control Samples:	2Q90, 91, 102-104; 3Q90, 111, 125-127; 4Q90, 101, 110, 112-113; 2Q91, 71, 79-80; 3Q91, 73, 79; 4Q91, 65, 71; 1Q92, 74, 85-86; 2Q92, 76, 85-87; 3Q92, 72, 82-85; 1Q93, 84, 98-100; 2Q93, 78, 90, 91, 93, 94; 3Q93, 83, 97-100; 4Q93, 72, 84
Water Level Data:	2Q89, 420-421; 3Q89, 448-449; 4Q89, 444-445; 1Q90, 597-598; 2Q90, 562-563
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KCB Series

Executive Summary:	3Q86, 2; 1Q87, 2; 3Q87, 2; 1Q88, 2; 2Q88, 2; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 3Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, B-3, C-2; 1Q92, 2; 2Q92, 1; 3Q92, 2; 1Q93, 2; 3Q93, 2
Corrections:	1Q89, 12, 16; 1Q90, 17
Well Maintenance:	3Q86, 13; 3Q89, 17; 3Q90, 24
Surveying:	2Q86, 14
Sample Scheduling:	2Q88, 52; 3Q88, 38; 1Q89, 75
Sample Collection:	3Q86, 28; 4Q86, 35; 1Q87, 36; 2Q87, 32; 3Q87, 36; 4Q87, 37; 1Q88, 93; 2Q88, 60; 3Q88, 46; 4Q88, 58; 1Q89, 84; 2Q89, 50; 3Q89, 50; 4Q89, 47; 1Q90, 74; 2Q90, 56; 3Q90, 64; 4Q90, 64; 1Q91, 27
Field Notes:	2Q91, 34; 3Q91, 41; 4Q91, 37; 1Q92, 38; 2Q92, 40; 3Q92, 37; 3Q93, 53; 4Q93, 42
Sample Analysis:	1Q88, 122; 2Q88, 89; 3Q88, 79; 1Q89, 132-133; 2Q89, 106-108; 1Q90, 86-89; 3Q90, 90, 92
Analytical-Data Review:	1Q91, 49, 56-58; 3Q91, 58-59, 61-62; 1Q92, 50, 52, 54-55, 59-60, 62; 1Q93, 59, 60, 68, 69; 3Q93, 70
Quality Control Samples:	1Q92, 73, 83, 85-86; 1Q93, 84, 97, 99; 2Q93, 77; 3Q93, 83, 100; 4Q93, 72
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KDB Series

Executive Summary:	4Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 1Q88, 2; 2Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, 1, B-3, C-2; 1Q92, 2; 2Q92, 1; 3Q92, 2; 4Q92, 1; 1Q93, 2; 2Q93, 1; 3Q93, 2
Corrections:	1Q89, 12, 16, 22; 4Q89, 9; 3Q90, 16
Well Construction:	3Q86, 16-17
Surveying:	4Q86, 28
Sample Scheduling:	1Q89, 75; 3Q89, 38
Sample Collection:	4Q86, 35-36; 1Q87, 36; 2Q87, 32; 3Q87, 36; 4Q87, 37; 1Q88, 94; 2Q88, 60; 3Q88, 46; 4Q88, 58; 1Q89, 84; 2Q89, 50; 3Q89, 50; 4Q89, 47; 1Q90, 74; 2Q90, 56; 3Q90, 65; 4Q90, 65; 1Q91, 27

INDEX OF WELL INFORMATION

KDB Series (cont.)

Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 37; 1Q92, 38; 2Q92, 40; 3Q92, 37;
4Q92, 36; 1Q93, 44; 2Q93, 43; 3Q93, 53; 4Q93, 42

Sample Analysis: 1Q87, 56; 2Q87, 43; 3Q87, 52-53; 1Q88, 122, 124; 3Q88, 83; 1Q89,
130, 132-133; 2Q89, 110-111; 3Q89, 95, 98-99; 1Q90, 92-94; 2Q90,
75; 3Q90, 86-88, 91-93; 4Q90, 88

Analytical-Data Review: 1Q91, 37-38, 62; 3Q91, 48, 55-57, 60, 62; 4Q91, 54, 58; 1Q92, 52;
3Q92, 51; 1Q93, 54-56, 58, 60; 2Q93, 55; 3Q93, 64, 65

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KDT Series

Executive Summary: 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 2; 3Q91, 2; 4Q91, C-2;
1Q92, 2; 3Q92, 2; 1Q93, 2; 3Q93, 2

Well Construction: 4Q89, 18

Well Stabilization: 1Q90, 52

Surveying: 1Q90, 61

Sample Collection: 1Q90, 74; 2Q90, 56; 3Q90, 65; 4Q90, 65; 1Q91, 28

Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 37; 1Q92, 38; 2Q92, 40; 3Q92, 37;
4Q92, 36; 1Q93, 44; 2Q93, 43; 3Q93, 53; 4Q93, 42

Sample Analysis: 1Q90, 82, 85; 2Q90, 66, 69, 79; 3Q90, 76, 78-81; 4Q90, 74, 76-77

Analytical-Data Review: 1Q91, 37-39, 43; 2Q91, 46-47; 3Q91, 48, 54-55, 57; 4Q91, 47;
2Q92, 58; 1Q93, 54-56; 4Q93, 51

Quality Control Samples: 2Q91, 79

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KRB Series

Executive Summary: 3Q86, 2; 4Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 4Q87, 2; 1Q88, 2;
2Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2;
1Q90, 2; 3Q90, 2; 4Q91, 2; 1Q92, 2; 2Q92, 1; 3Q92, 2; 1Q93, 2;
3Q93, 2

Corrections: 1Q87, 9; 1Q89, 12, 16, 21-22; 1Q90, 19; 1Q93, 21

Well Maintenance: 2Q86, 6-7; 2Q87, 16; 2Q88, 18

Sample Scheduling: 3Q88, 38

Sample Collection: 2Q86, 17; 3Q86, 28; 4Q86, 36; 1Q87, 36-37; 2Q87, 32; 3Q87, 36;
4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 46; 4Q88, 58; 1Q89, 84; 2Q89,
50-51; 3Q89, 50; 4Q89, 47; 1Q90, 74; 2Q90, 57; 3Q90, 65; 4Q90, 65
4Q91, 37; 1Q92, 38; 2Q92, 40; 3Q92, 37; 4Q92, 36; 1Q93, 44; 2Q93,
44; 3Q93, 53; 4Q93, 42

Field Notes: 3Q86, 37; 4Q86, 45; 1Q87, 55; 3Q87, 52; 1Q88, 122; 3Q88, 78-80;
1Q89, 130, 133-134; 2Q89, 110-111; 3Q89, 97-98, 100; 1Q90, 92-94;
2Q90, 77, 79; 3Q90, 86-88, 90, 93; 4Q90, 89

Analytical-Data Review: 1Q92, 49-52; 2Q92, 51-55; 3Q92, 48, 50, 52; 1Q93, 53, 55, 56, 59;
3Q93, 64, 66, 67

Quality Control Samples: 1Q90, 113

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

KRD Series (Incorrectly reported; should be KRB)

Analytical-Data Review: 2Q92, 54

KRP Series

Executive Summary: 3Q86, 2; 4Q86, 2; 1Q87, 2; 3Q87, 2; 1Q88, 2; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 1Q90, 2; 2Q90, 2; 4Q90, 2; 3Q90, 2; 1Q91, 2; 3Q91, 2; 4Q91, C-2; 1Q92, 2; 3Q92, 1; 1Q93, 2; 2Q93, 1; 3Q93, 2
Corrections: 4Q87, 8; 1Q89, 16
Well Maintenance: 2Q86, 7; 2Q87, 16; 1Q88, 20
Soil Coring: 1Q86, 12
Sample Scheduling: 3Q88, 38; 4Q88, 50; 3Q89, 38
Sample Collection: 3Q86, 28; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 36; 4Q87, 38; 1Q88, 94; 2Q88, 61; 4Q90, 65; 1Q91, 28
Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 37; 3Q92, 37; 1Q93, 44; 2Q93, 44; 3Q93, 53; 4Q93, 42
Sample Analysis: 3Q88, 79; 1Q89, 129; 2Q89, 58-61, 63, 65, 67, 70-79, 81-84, 107-108, 111, 114; 3Q89, 93; 1Q90, 90; 2Q90, 66; 3Q90, 78, 80-81
Analytical-Data Review: 1Q91, 38, 40, 42, 44; 3Q91, 59; 1Q92, 50, 53, 60; 1Q93, 60, 61, 68, 69
Quality Control Samples: 1Q92, 73, 84-86; 1Q93, 84, 98; 3Q93, 83
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KSB Series

Executive Summary: 3Q86, 2; 1Q87, 2; 2Q87, 2; 3Q87, 2; 4Q87, 2; 1Q88, 2; 2Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, 2, B-3, C-2; 1Q92, 2; 2Q92, 1; 3Q92, 2; 4Q92, 1; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 1
Corrections: 1Q89, 12, 16, 22; 3Q89, 12; 1Q90, 18; 3Q90, 15-16
Well Maintenance: 4Q88, 13; 1Q90, 25
Sample Scheduling: 3Q88, 38; 3Q93, 45
Sample Collection: 3Q86, 28; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 36; 4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 46; 4Q88, 58; 1Q89, 85; 2Q89, 51; 4Q89, 48; 1Q90, 74; 3Q90, 65; 1Q91, 28
Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 38; 1Q92, 38; 2Q92, 40-41; 3Q92, 37; 4Q92, 36
Sample Analysis: 3Q87, 52; 2Q89, 110, 112, 115; 1Q90, 92-93, 97; 2Q90, 76, 79; 3Q90, 86, 91-92, 97; 4Q90, 81, 85-87
Analytical-Data Review: 1Q91, 48-51, 56-59, 63; 2Q91, 44, 50, 62; 3Q91, 63; 4Q91, 51, 56, 58; 1Q92, 50, 52-53; 2Q92, 57-58; 3Q92, 51, 59; 4Q92, 52; 1Q93, 54, 61, 68, 70, 73; 2Q93, 56; 3Q93, 73
Quality Control Samples: 1Q90, 105; 4Q90, 101, 111-112; 1Q91, 88; 3Q91, 73; 1Q93, 84, 96, 98, 99; 3Q93, 83
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KSM Series

Executive Summary: 1Q92, 2; 2Q92, 1; 3Q92, 2; 4Q92, 1; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 1
Field Notes: 1Q92, 38; 2Q92, 41; 3Q92, 37; 4Q92, 36; 1Q93, 45; 2Q93, 44; 3Q93, 53; 4Q93, 42

INDEX OF WELL INFORMATION

KSM Series (cont.)

Analytical-Data Review: 2Q92, 54-55; 3Q92, 48-49; 1Q93, 54, 56; 2Q93, 56, 66; 3Q93, 65; 4Q93, 53
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

KSS Series

Executive Summary: 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 1Q91, 2; 1Q92, 2; 1Q93, 2; 3Q93, 2; 4Q93, 1
 Corrections: 1Q89, 22; 1Q90, 17
 Well Construction: 4Q88, 19-20
 Well Stabilization: 4Q88, 36-37
 Surveying: 4Q88, 48
 Sample Scheduling: 4Q88, 50; 1Q89, 73; 2Q89, 40; 3Q89, 38; 4Q89, 35
 Sample Collection: 4Q88, 58; 1Q89, 85; 2Q89, 51; 3Q89, 50; 4Q89, 48; 1Q90, 74; 2Q90, 57; 3Q90, 65; 4Q90, 65; 1Q91, 28
 Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 38; 1Q92, 38; 3Q92, 37; 4Q92, 36; 1Q93, 45; 2Q93, 44; 3Q93, 54; 4Q93, 42
 Sample Analysis: 4Q88, 92; 1Q89, 108-109, 118-119, 132-133, 135-137; 2Q89, 58-61, 63, 65, 67, 70-79, 81-84, 108, 113; 3Q89, 58, 91, 93, 95, 97; 1Q90, 86, 92-93; 3Q90, 76, 78-81, 87-88, 90; 4Q90, 75-76, 79
 Analytical-Data Review: 1Q91, 38, 40-43, 45; 2Q91, 49, 52; 3Q91, 54, 56, 62; 1Q92, 49-51, 59-60; 2Q92, 59-60; 3Q92, 55-56; 4Q92, 50; 1Q93, 64, 65, 67-70; 2Q93, 60; 4Q93, 57
 Quality Control Samples: 1Q90, 105, 113; 3Q90, 111, 124, 126; 4Q91, 65; 1Q92, 74, 84-86; 4Q92, 64; 1Q93, 84, 98-100; 3Q93, 84, 100
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

LAC Series

Executive Summary: 3Q86, 3; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 4Q90, 2; 1Q91, 2; 3Q91, 2; 4Q91, 2, C-2; 1Q92, 2; 2Q92, 2
 Corrections: 1Q89, 16, 21-22; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 2
 Well Maintenance: 3Q87, 12; 4Q90, 18
 Sample Scheduling: 3Q88, 38; 1Q89, 76; 3Q93, 45
 Sample Collection: 3Q86, 28; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 36; 4Q87, 38; 1Q88, 94; 2Q88, 61; 1Q89, 85; 4Q89, 48; 2Q90, 57; 4Q90, 65
 Field Notes: 2Q91, 34; 3Q92, 37; 3Q93, 54; 4Q93, 42
 Sample Analysis: 1Q87, 47-48, 55-56; 3Q87, 52; 1Q88, 121-122; 3Q88, 79; 1Q89, 132-133; 2Q89, 107; 3Q89, 92-93; 1Q90, 88-90; 3Q90, 80; 4Q90, 76, 86
 Analytical-Data Review: 1Q91, 42-44; 3Q91, 50; 4Q91, 52, 56; 1Q92, 49-50, 53, 59, 62; 2Q92, 55; 1Q93, 53-55, 66, 70; 2Q93, 52, 53, 64; 3Q93, 64, 65; 70; 4Q93, 57, 59
 Quality Control Samples: 1Q92, 73, 84-86; 2Q92, 75, 85-86; 3Q92, 71, 85; 4Q92, 63; 1Q93, 84, 97-99; 2Q93, 77, 91, 93; 3Q93, 84, 100; 4Q93, 72, 85, 87, 88
 Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

LAW Series

Executive Summary: 4Q91, 2; 1Q92, 2; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 2
Sample Scheduling: 4Q86, 30
Sample Collection: 4Q86, 36
Field Notes: 4Q91, 38; 1Q92, 38; 2Q92, 41; 3Q92, 37; 4Q92, 36; 1Q93, 45; 3Q93, 54; 4Q93, 42
Sample Analysis: 4Q86, 41
Analytical-Data Review: 1Q92, 49, 53; 2Q92, 49, 51, 59-61; 3Q92, 48; 1Q93, 53, 55, 66, 69; 2Q93, 53, 55, 56, 60-63; 3Q93, 63, 65; 4Q93, 52, 56, 60
Quality Control Samples: 2Q92, 75, 85-87; 1Q93, 84, 97, 100; 2Q93, 77, 90, 94; 4Q93, 72, 85, 88
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

LCO Series

Executive Summary: 3Q86, 2; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 3; 2Q90, 2; 3Q90, 3; 4Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, 2, B-3, C-2; 1Q92, 2; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 2
Corrections: 1Q89, 16, 21-22; 3Q89, 12
Well Maintenance: 2Q87, 16; 3Q89, 16; 4Q90, 18
Sample Scheduling: 3Q88, 38; 3Q93, 45
Sample Collection: 3Q86, 29; 4Q86, 36; 1Q87, 37; 2Q87, 32; 3Q87, 37; 4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 46; 4Q88, 58; 1Q89, 85; 2Q89, 51; 3Q89, 50; 4Q89, 48; 1Q90, 74; 2Q90, 57; 3Q90, 65; 4Q90, 65; 1Q91, 28
Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 38; 1Q92, 38; 2Q92, 41; 3Q92, 38; 4Q92, 36; 1Q93, 45; 2Q93, 44; 3Q93, 54; 4Q93, 42
Sample Analysis: 1Q86, 18; 1Q87, 56; 1Q88, 121-122; 3Q88, 79-80, 83; 1Q89, 132-133; 2Q89, 111; 1Q90, 92; 3Q90, 86-88, 91; 4Q90, 76, 87
Analytical-Data Review: 1Q91, 37, 42-43, 45, 49, 56, 59; 2Q91, 44, 57; 3Q91, 48, 54-55, 59; 4Q91, 47, 53; 1Q92, 50, 52-53, 55, 59, 61-62; 2Q92, 51, 54, 56-60; 3Q92, 47-48, 52, 56-57; 4Q92, 50-51; 1Q93, 53-56, 59, 61, 66-70, 72; 2Q93, 53, 64; 3Q93, 64, 65, 70; 4Q93, 51, 52, 60
Quality Control Samples: 4Q90, 101; 1Q91, 75, 88-89, 91; 1Q92, 73, 85-86; 2Q92, 75, 85-87; 3Q92, 71, 82-83, 85; 4Q92, 63, 72-75; 1Q93, 84, 97-100; 2Q93, 77, 91-93; 3Q93, 84, 97-99; 4Q93, 72
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

LDB Series

Executive Summary: 3Q86, 3; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 1Q90, 3; 2Q90, 2; 3Q90, 3; 4Q90, 2; 1Q91, 2; 3Q91, 2; 4Q91, 2, C-2; 1Q92, 2; 3Q92, 2; 1Q93, 2; 2Q93, 2; 3Q93, 2
Corrections: 1Q89, 16; 3Q90, 16
Well Maintenance: 3Q86, 13
Surveying: 1Q87, 26
Sample Scheduling: 3Q88, 38; 2Q89, 41; 4Q89, 37
Sample Collection: 2Q86, 17; 3Q86, 29; 4Q86, 36-37; 1Q87, 37; 2Q87, 32; 3Q87, 37; 4Q87, 38; 1Q88, 94; 2Q88, 61; 3Q88, 47; 4Q88, 58; 1Q89, 85; 2Q89, 51; 3Q89, 51; 4Q89, 48; 1Q90, 75; 2Q90, 57; 3Q90, 65; 4Q90, 65; 1Q91, 28

INDEX OF WELL INFORMATION

LDB Series (cont.)

Field Notes: 2Q91, 34; 3Q91, 41; 4Q91, 38; 1Q92, 38; 2Q92, 41; 3Q92, 38;
4Q92, 36; 1Q93, 45; 2Q93, 44; 3Q93, 54; 4Q93, 42
Sample Analysis: 3Q86, 37; 1Q87, 56; 3Q88, 78; 1Q89, 130, 133; 2Q89, 110-111; 3Q89,
96; 1Q90, 93-94
Analytical-Data Review: 1Q91, 37-39, 42-43, 62; 3Q91, 54, 58, 60, 63; 4Q91, 54, 56, 58;
1Q92, 52; 1Q93, 55, 56, 58; 3Q93, 66
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

LFW Series

Executive Summary: 3Q86, 6; 4Q86, 6; 1Q87, 7; 2Q87, 5; 3Q87, 8; 4Q87, 1, 5; 1Q88, 8;
2Q88, 5; 3Q88, 5; 1Q89, 7; 2Q89, 7; 3Q89, 7; 1Q90, 8; 2Q90, 7;
3Q90, 8; 4Q90, 7; 1Q91, 9; 2Q91, 6; 3Q91, 8; 4Q91, 6, B-7, C-9;
1Q92, 8; 2Q92, 7; 3Q92, 8; 4Q92, 6; 1Q93, 11; 2Q93, 7; 3Q93, 9;
4Q93, 7
Corrections: 1Q89, 15, 21; 3Q89, 12; 1Q93, 21; 3Q93, 17; 4Q93, 16-20
Well Abandonment: 4Q86, 11
Well Maintenance: 2Q87, 17-18; 2Q88, 18; 4Q88, 14; 1Q89, 32-33; 3Q89, 18; 1Q90, 25;
3Q90, 24
Well Construction: 4Q86, 14-21
Well Stabilization: 1Q87, 22-24
Surveying: 4Q86, 28
Sample Scheduling: 1Q87, 29; 3Q87, 30; 4Q87, 29; 1Q88, 84; 3Q88, 38-39; 1Q89, 75;
3Q89, 40; 4Q91, 27; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93,
35; 2Q93, 35; 3Q93, 46; 4Q93, 33
Sample Collection: 3Q86, 29; 4Q86, 37; 1Q87, 37; 2Q87, 32-33; 3Q87, 37; 4Q87, 38;
1Q88, 95; 2Q88, 61; 3Q88, 47; 4Q88, 58-59; 1Q89, 85; 2Q89, 51;
3Q89, 51; 4Q89, 48; 1Q90, 75; 2Q90, 57; 3Q90, 65-66; 4Q90, 65-66;
1Q91, 28
Field Notes: 2Q91, 34; 3Q91, 41-42; 4Q91, 38-39; 1Q92, 38-39; 2Q92, 41;
3Q92, 38; 4Q92, 36; 1Q93, 45; 2Q93, 44; 3Q93, 54; 4Q93, 42, 43
Sample Analysis: 1Q87, 41-42, 55; 2Q87, 40, 42-43; 3Q87, 51-52; 4Q87, 46-47, 54-56;
1Q88, 107-109, 115, 121-122, 124; 3Q88, 58-61, 67-68, 75, 77-82;
4Q88, 73, 97; 1Q89, 109-111, 129-136; 2Q89, 58-63, 65, 67, 70-79,
81-84, 90, 107-108, 110-114; 3Q89, 58, 68, 91, 96-98; 1Q90, 86-89,
92-93; 2Q90, 68-71, 73-76; 3Q90, 77-78, 81, 85-38, 90-93; 4Q90,
74-75, 78-79, 81-82, 85-88
Analytical-Data Review: 1Q91, 36, 39-40, 42-44, 47-59, 62; 2Q91, 43-44, 46, 48, 50-60;
3Q91, 49-63; 4Q91, 45-47, 49-57; 1Q92, 50-51, 53, 58-62;
2Q92, 51-52, 54-63; 3Q92, 48, 50-52, 54-59; 4Q92, 43, 49-52; 1Q93,
52, 54-58, 62, 65-70; 2Q93, 52, 54-56, 61-64; 3Q93, 62-66, 69, 70;
4Q93, 50, 51, 53, 54, 57, 58
Quality Control Samples: 1Q90, 105, 113-114; 2Q90, 91, 102-105; 3Q90, 111, 124-127; 4Q90,
101, 110-112; 1Q91, 75, 87-90; 2Q91, 71, 79-80; 3Q91, 73, 79;
4Q91, 65, 71; 1Q92, 74, 84-86; 2Q92, 76, 85-87; 3Q92, 72, 82-85;
4Q92, 64, 72-74; 1Q93, 84, 96-100; 2Q93, 78, 90-92, 94; 3Q93, 84,
97, 98, 100; 4Q93, 72, 85-88
Water Level Data: 1Q93, 131; 2Q93, 121; 3Q93, 137; 4Q93, 133
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

INDEX OF WELL INFORMATION

LRP Series

Executive Summary: 3Q86, 3; 4Q86, 2; 1Q87, 3; 3Q87, 3; 1Q88, 3; 3Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 1Q90, 2; 2Q90, 2; 3Q90, 2; 1Q91, 2; 3Q91, 2; 4Q91, C-2; 1Q92, 2; 3Q92, 2; 1Q93, 2; 3Q93, 2

Corrections: 1Q89, 16

Well Maintenance: 3Q86, 13; 4Q88, 14; 1Q89, 33; 3Q89, 18; 1Q90, 25

Sample Scheduling: 3Q88, 38; 3Q89, 38

Sample Collection: 3Q86, 29; 4Q86, 37; 1Q87, 38; 2Q87, 33; 3Q87, 37; 4Q87, 39; 1Q88, 95; 2Q88, 61; 3Q88, 47; 4Q88, 59; 1Q89, 85; 2Q89, 51; 3Q89, 51; 4Q89, 48; 2Q90, 57

Field Notes: 2Q91, 35; 3Q91, 42; 4Q91, 39; 2Q92, 41; 3Q92, 38; 1Q93, 45; 3Q93, 54

Sample Analysis: 1Q87, 55; 1Q88, 121; 3Q88, 75; 2Q89, 106-107; 1Q90, 83-84; 3Q90, 80-81

Analytical-Data Review: 1Q91, 37, 42, 44; 3Q91, 55, 62; 1Q93, 53, 55, 66-70

Quality Control Samples: 1Q93, 84, 97-99

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

LSB Series

Executive Summary: 3Q86, 3; 1Q87, 3; 3Q87, 3; 1Q88, 3; 2Q88, 2; 3Q88, 2; 4Q88, 2; 1Q89, 2; 2Q89, 2; 3Q89, 2; 4Q89, 2; 1Q90, 3; 2Q90, 2; 3Q90, 3; 4Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, 2, B-3, C-2; 1Q92, 2; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 2

Corrections: 1Q89, 12, 17, 22

Well Maintenance: 1Q90, 25; 3Q90, 24

Sample Scheduling: 1Q88, 84; 2Q88, 52; 3Q88, 38, 40; 1Q89, 74; 2Q89, 41; 3Q89, 41; 4Q89, 37

Sample Collection: 3Q86, 29; 4Q86, 37; 1Q87, 38; 2Q87, 33; 3Q87, 37; 4Q87, 39; 1Q88, 95; 2Q88, 62; 4Q88, 59; 1Q89, 86; 2Q89, 52; 3Q89, 51; 4Q89, 48; 1Q90, 75; 2Q90, 57

Field Notes: 2Q91, 35; 3Q91, 42; 4Q91, 39; 3Q92, 38; 1Q93, 45; 2Q93, 44; 3Q93, 54; 4Q93, 43

Sample Analysis: 3Q87, 52-53; 1Q88, 122, 124; 4Q88, 96; 1Q89, 133, 139; 2Q89, 58-63, 65, 67, 70-79, 81-84, 107, 110-111, 114-115; 1Q90, 93; 2Q90, 76; 3Q90, 89, 91

Analytical-Data Review: 1Q91, 37, 44, 48-49, 51, 56-59; 2Q91, 44, 57; 3Q91, 62-63; 4Q91, 54, 56, 58; 1Q92, 51, 60; 1Q93, 53, 55, 56, 60, 61, 68, 69; 3Q93, 70

Quality Control Samples: 2Q90, 91; 1Q91, 75, 89; 3Q91, 73; 1Q92, 73, 83, 86; 1Q93, 84, 98, 100; 3Q93, 84, 100

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

LWF Series (incorrectly reported; should be LFW)

Quality Control Samples: 3Q92, 82

M Series

Surveying: 3Q86, 18

INDEX OF WELL INFORMATION

M12 Series (Series renamed; should be NPM)

Surveying: 2Q89, 37

MCB Series

Executive Summary: 3Q87, 7; 4Q87, 5; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4; 1Q89, 6; 2Q89, 5; 3Q89, 6; 4Q89, 4; 1Q90, 7; 2Q90, 6; 3Q90, 6; 4Q90, 4; 1Q91, 7; 2Q91, 5; 3Q91, 7; 4Q91, 5, B-6, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 6

Corrections: 1Q87, 9; 4Q87, 8; 1Q89, 14, 20-21, 25; 4Q89, 9; 1Q90, 16-18

Well Construction: 2Q87, 20-21; 4Q87, 13; 3Q89, 24-25

Well Stabilization: 4Q87, 26; 3Q89, 28-29

Surveying: 2Q87, 24; 1Q88, 81; 3Q89, 35; 4Q89, 31

Sample Scheduling: 3Q89, 40; 2Q91, 26; 3Q91, 30

Sample Collection: 3Q87, 38; 4Q87, 39; 1Q88, 95; 2Q88, 62; 3Q88, 47; 4Q88, 59; 1Q89, 86; 2Q89, 52; 3Q89, 51; 4Q89, 48-49; 1Q90, 75; 2Q90, 58; 3Q90, 66; 4Q90, 66; 1Q91, 28

Field Notes: 2Q91, 35; 3Q91, 42; 4Q91, 39; 1Q92, 39; 2Q92, 41; 3Q92, 38; 4Q92, 36; 1Q93, 45; 2Q93, 44; 3Q93, 54; 4Q93, 43

Sample Analysis: 1Q88, 120-122; 1Q89, 132-133; 2Q89, 106-108; 3Q89, 92-94, 99; 1Q90, 84, 86, 88-90; 2Q90, 67-70; 3Q90, 77, 79-82; 4Q90, 74-75, 77-80

Analytical-Data Review: 1Q91, 39, 42-46; 2Q91, 43, 45-46, 48-51, 55-56, 58-59; 3Q91, 50, 54, 57-58, 60-63, 65; 4Q91, 46-48, 51-55, 57; 1Q92, 48, 50-53; 2Q92, 49, 53-55, 57-58, 60-61; 3Q92, 49-50, 52; 4Q92, 44; 1Q93, 58-60, 65, 68, 70; 2Q93, 53, 55, 57; 3Q93, 63-65, 69; 4Q93, 51-53, 55

Quality Control Samples: 1Q91, 87; 2Q91, 79; 3Q91, 73, 79; 2Q92, 75-76, 84-87; 1Q93, 84, 99; 3Q93, 84, 97, 98, 100

Water Level Data: 4Q88, 303; 1Q89, 428; 2Q89, 421-422; 3Q89, 449; 4Q89, 445; 1Q90, 598; 2Q90, 563-564; 3Q90, 695; 4Q90, 528; 1Q91, 772; 2Q91, 536; 3Q91, 138; 4Q91, 128; 1Q92, 98; 2Q92, 100; 3Q92, 94; 4Q92, 84; 1Q93, 131, 132; 2Q93, 121, 122; 3Q93, 137, 138; 4Q93, 133, 134

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

MGA Series

Executive Summary: 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 3Q93, 4

Sample Collection: 1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 95; 2Q88, 62; 1Q91, 21

Field Notes: 2Q93, 37; 3Q93, 47; 4Q93, 35, 36, 43

Sample Analysis: 4Q87, 56

Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

MGC Series

Executive Summary: 1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 5; 1Q90, 7; 2Q90, 6; 3Q90, 7; 4Q90, 6; 1Q91, 8; 3Q91, 3; 4Q91, C-4; 1Q92, 3; 3Q92, 3; 1Q93, 4; 3Q93, 4

Corrections: 1Q89, 14, 20, 25; 3Q89, 12; 1Q90, 19

Sample Collection: 1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 95; 2Q88, 62; 1Q91, 21

INDEX OF WELL INFORMATION

MGC Series (cont.)

Field Notes:	3Q91, 33; 4Q91, 29; 1Q92, 29; 1Q93, 37, 45; 2Q93, 37; 3Q93, 47; 4Q93, 35, 36, 43
Sample Analysis:	2Q87, 44; 1Q88, 121; 1Q89, 132-133; 2Q89, 106; 3Q89, 100; 3Q90, 80, 91; 4Q90, 91
Analytical-Data Review:	1Q91, 57, 64; 3Q91, 61; 1Q92, 52; 1Q93, 61, 62; 3Q93, 64, 66, 67
Quality Control Samples:	1Q91, 89; 3Q93, 96
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

MGE Series

Executive Summary:	1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 5; 1Q90, 8; 2Q90, 6; 3Q90, 7; 4Q90, 6; 1Q91, 8; 3Q91, 4; 4Q91, C-4; 1Q92, 3; 1Q93, 4; 3Q93, 4
Corrections:	1Q89, 14, 20, 25
Sample Collection:	1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 96; 2Q88, 62; 1Q91, 21
Field Notes:	3Q91, 33; 4Q91, 29; 1Q92, 29; 1Q93, 37, 46; 2Q93, 37, 38; 3Q93, 47; 4Q93, 35, 36, 43
Sample Analysis:	3Q87, 53; 2Q88, 94; 1Q89, 132; 3Q89, 92, 96; 2Q90, 76
Analytical-Data Review:	3Q91, 61, 63; 1Q92, 52; 1Q93, 53, 62; 3Q93, 66, 67
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

MGG Series

Executive Summary:	1Q87, 4; 2Q87, 3; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 3; 3Q88, 3; 4Q88, 4; 4Q89, 5; 1Q90, 8; 1Q91, 8; 3Q91, 4; 4Q91, C-4; 1Q92, 3; 3Q92, 3; 1Q93, 4; 3Q93, 4
Corrections:	1Q89, 14, 20, 25
Sample Collection:	1Q87, 38; 2Q87, 33; 3Q87, 38; 4Q87, 39; 1Q88, 96; 2Q88, 62; 1Q91, 21
Sample Scheduling:	4Q93, 33
Field Notes:	2Q91, 35; 3Q91, 33; 4Q91, 29; 1Q92, 29, 39; 1Q93, 37, 46; 2Q93, 37, 38; 3Q93, 47, 48; 4Q93, 35, 36, 43
Sample Analysis:	3Q87, 53; 2Q88, 94; 4Q88, 100; 1Q90, 97
Analytical-Data Review:	1Q91, 63; 3Q91, 61, 63; 1Q92, 55; 3Q92, 51; 1Q93, 52, 53, 61, 62, 73; 3Q93, 65-67, 73
Site Index:	1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

MHM Series

Surveying:	2Q90, 43
------------	----------

MHT Series

Well Construction:	3Q90, 28-34
Surveying:	2Q90, 43

INDEX OF WELL INFORMATION

MHV Series

Well Construction: 3Q90, 34-37
 Surveying: 2Q90, 43-44

MS Series (Incorrectly reported; should be MSB)

Analytical-Data Review: 4Q91, 48

MSB Series

Executive Summary: 3Q86, 5; 4Q86, 5; 1Q87, 6; 2Q87, 5; 3Q87, 6; 4Q87, 4; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4; 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6; 4Q90, 5; 1Q91, 6; 2Q91, 4; 3Q91, 6; 4Q91, 4, B-5, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 5

Corrections: 1Q87, 9; 3Q87, 10; 4Q87, 8; 3Q88, 9; 4Q88, 9; 1Q89, 12, 14-15, 19, 25; 1Q90, 16-20

Well Abandonment: 4Q88, 11

Well Maintenance: 2Q86, 7; 2Q87, 18; 3Q87, 12; 1Q88, 20; 2Q88, 18-19; 4Q88, 13-14; 1Q89, 33; 3Q89, 15, 18-19; 1Q90, 25-26; 3Q90, 24-25

Well Construction: 1Q89, 44-55; 2Q89, 22-24; 1Q90, 33-36; 2Q90, 20-24; 3Q90, 37-43; 4Q90, 35-41

Well Stabilization: 1Q89, 58-67; 2Q89, 32-34; 2Q90, 32-37

Surveying: 2Q86, 14; 1Q88, 83; 1Q89, 71-72; 2Q89, 37-38; 2Q90, 44; 3Q90, 51; 4Q90, 50-51

Sample Scheduling: 3Q86, 21; 4Q86, 30; 1Q87, 28-29; 2Q87, 25-26; 3Q87, 29-30; 4Q87, 28; 2Q88, 51-52; 3Q88, 40; 4Q88, 49; 1Q89, 74, 76; 2Q89, 40; 2Q89, 41; 3Q89, 39; 4Q89, 36; 2Q91, 26; 3Q91, 30-31; 3Q93, 46; 4Q93, 32, 33

Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 38; 2Q87, 33-34; 3Q87, 38; 4Q87, 39; 1Q88, 96; 2Q88, 62-64; 3Q88, 47-48; 4Q88, 59-60; 1Q89, 86-87; 2Q89, 52-53; 3Q89, 52-53; 4Q89, 49-50; 1Q90, 75-77; 2Q90, 58-59; 3Q90, 66-69; 4Q90, 66-69; 1Q91, 21, 28-31

Field Notes: 2Q91, 27, 35-37; 3Q91, 33, 42-43; 4Q91, 29, 39-40; 1Q92, 29, 39-41; 2Q92, 33, 41-43; 3Q92, 29, 38-40; 4Q92, 29, 37-38; 1Q93, 37, 46, 47; 2Q93, 37, 38, 44-46; 3Q93, 47, 48, 54-56; 4Q93, 35, 36, 43-45

Sample Analysis: 2Q86, 20; 3Q86, 37; 4Q86, 41-42, 44-46; 1Q87, 48-49, 51, 55-56; 2Q87, 42-43; 3Q87, 44-45, 50-53; 4Q87, 4749, 54-56; 1Q88, 109-112, 115, 119-122; 2Q88, 72-76, 78, 84-85, 89-91, 94; 3Q88, 61-64, 67-68, 75-82; 4Q88, 74-75, 78, 92-99; 1Q89, 111-114, 118, 129-133, 135-138; 2Q89, 58-91, 106-108, 111, 113-114; 3Q89, 58, 68, 90-99; 4Q89, 56, 66-67, 100-104; 1Q90, 82-91, 93-94; 2Q90, 67-74, 77; 3Q90, 76-83, 88, 92, 94-95; 4Q90, 74-80, 83-88, 90

Analytical-Data Review: 1Q91, 36-46, 48-63; 2Q91, 42-61; 3Q91, 48-65; 4Q91, 45-58, C-11; 1Q92, 47-62; 2Q92, 49-57, 59-61; 3Q92, 46-58; 4Q92, 42-47, 49-51; 1Q93, 52-55, 57-63, 65-70, 73; 2Q93, 52-58, 60, 63, 65; 3Q93, 62-67, 69, 70, 72; 4Q93, 50-60

Quality Control Samples: 1Q90, 105, 113-114; 2Q90, 91, 102-105, 114-115; 3Q90, 111, 123-124, 126; 4Q90, 101, 110, 112; 1Q91, 75, 87-91; 2Q91, 71, 78-80; 3Q91, 73-74, 78-79; 4Q91, 65, 71; 1Q92, 73-74, 83-86; 2Q92, 75-76, 84-87; 3Q92, 71, 81-85; 4Q92, 63, 72-74; 1Q93, 84, 96-100, 107; 2Q93, 77, 90, 91, 93; 3Q93, 84, 96-100; 4Q93, 72, 83-85, 87, 88

INDEX OF WELL INFORMATION

MSB Series (cont.)

Water Level Data: 4Q88, 303-339; 1Q89, 428-438; 2Q89, 422-434; 3Q89, 449-458;
4Q89, 445-454; 1Q90, 598-606; 2Q90, 564-576; 3Q90, 696-705;
4Q90, 528-539; 1Q91, 772-784; 2Q91, 536-548; 3Q91, 138-150;
4Q91, 128-139; 1Q92, 98-110; 2Q92, 100-112; 3Q92, 94-106;
4Q92, 84-97; 1Q93, 132-145; 2Q93, 122-134; 3Q93, 138-151; 4Q93,
134-148
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154
DNAPL Study: 2Q91, 551-554

MVC Series

Well Construction: 3Q90, 43-44; 4Q90, 41-42

MVE Series

Well Construction: 3Q90, 45; 4Q90, 42-43

MWD Series

Well Construction: 2Q88, 30-34
Surveying: 3Q88, 33
Field Notes: 4Q91, 40-41; 1Q92, 41-42; 2Q92, 43-44; 3Q92, 40; 4Q92, 38
Analytical-Data Review: 3Q91, 65; 1Q92, 55
Water Level Data: 1Q93, 145, 146; 2Q93, 134, 135; 3Q93, 151, 152; 4Q93, 148
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

N13 Series (Series renamed; should be NPN)

Surveying: 2Q89, 38

NBG Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 4; 3Q87, 5; 1Q88, 5; 3Q88, 4; 1Q89, 4;
2Q89, 4; 3Q89, 4; 4Q89, 3; 1Q90, 5; 2Q90, 4; 3Q90, 4; 1Q91, 4;
2Q91, 3; 3Q91, 5; 4Q91, 3, B-1, B-4, C-5; 1Q92, 4; 2Q92, 4; 3Q92, 5;
4Q92, 4; 1Q93, 6; 2Q93, 4; 3Q93, 5; 4Q93, 4
Corrections: 1Q87, 9; 1Q89, 11, 18
Well Maintenance: 2Q86, 7; 4Q88, 14; 1Q89, 33; 2Q90, 18
Well Construction: 1Q86, 9-10; 2Q86, 10
Surveying: 2Q86, 14
Sample Scheduling: 3Q88, 38
Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 38; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88,
96-97; 2Q88, 64; 3Q88, 49; 4Q88, 60; 1Q89, 88; 2Q89, 54; 3Q89, 54;
4Q89, 50; 1Q90, 77; 2Q90, 60; 3Q90, 69; 4Q90, 69; 1Q91, 31
Field Notes: 2Q91, 37; 3Q91, 43; 4Q91, 41; 1Q92, 42; 2Q92, 44; 3Q92, 40;
4Q92, 38; 1Q93, 47; 2Q93, 46; 3Q93, 56; 4Q93, 45
Sample Analysis: 3Q86, 34-35; 1Q87, 55; 3Q87, 53; 1Q88, 120-121; 3Q88, 76, 80;
1Q89, 131, 133; 2Q89, 110-112; 1Q90, 92-94; 2Q90, 75-76; 3Q90,
86-87, 89, 92

INDEX OF WELL INFORMATION

NBG Series (cont.)

Analytical-Data Review: 1Q91, 48, 51, 53, 56-59; 2Q91, 49-50; 3Q91, 48, 55-56, 58, 61, 63; 4Q91, 48, B-8; 1Q92, 51-52; 2Q92, 52-55, 57; 3Q92, 52; 4Q92, 45; 1Q93, 54-56, 59; 2Q93, 55, 56; 3Q93, 64
Quality Control Samples: 1Q90, 113; 3Q90, 125
Water Level Data: 4Q92, 97
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

NMP Series (Incorrectly reported; should be NPM)

Quality Control Samples: 1Q92, 86

NPM Series (Incorrectly reported as M12 Series)

Executive Summary: 4Q91, 5; 1Q92, 7; 2Q92, 6; 3Q92, 7; 4Q92, 6; 1Q93, 10; 2Q93, 7; 3Q93, 9; 4Q93, 7
Corrections: 1Q93, 21, 22
Well Construction: 1Q90, 37-38
Surveying: 2Q89, 37
Field Notes: 4Q91, 41; 1Q92, 42; 2Q92, 44; 3Q92, 40; 4Q92, 38; 1Q93, 47; 2Q93, 46; 3Q93, 56; 4Q93, 45
Analytical-Data Review: 1Q92, 48-51, 53-55; 2Q92, 51, 53-55, 59, 61-62; 3Q92, 48, 50, 52, 55-57; 4Q92, 43-44; 1Q93, 59, 60, 68; 3Q93, 64
Quality Control Samples: 1Q92, 74, 83, 85-86; 2Q92, 75, 85-87; 3Q92, 71, 82-85; 1Q93, 84, 98, 99
Water Level Data: 2Q93, 135; 3Q93, 152; 4Q93, 150; 4Q93, 148
Site Index: 1Q93, 150; 2Q93, 140; 3Q93, 156; 4Q93, 154

NPN Series (Incorrectly reported as N13 Series)

Well Construction: 1Q90, 38-40
Surveying: 2Q89, 38

NTN Series (Incorrectly reported as T18N Series)

Well Construction: 1Q90, 40-41
Surveying: 2Q89, 38

NTS Series (Incorrectly reported as T18S Series)

Well Construction: 1Q90, 41-42
Surveying: 2Q89, 38

NTW Series

Well Construction: 1Q90, 42-43
Surveying: 4Q89, 31

INDEX OF WELL INFORMATION

OBS Series

Well Abandonment: 2Q87, 9

P Series

Executive Summary: 1Q87, 7; 1Q90, 9; 2Q90, 7; 3Q90, 9; 4Q90, 3, 7; 1Q91, 4, 9; 2Q91, 3, 6-7; 3Q91, 8-9; 4Q91, 6, B-4, B-7, C-8, C-9; 1Q92, 7; 2Q92, 3-4, 6; 3Q92, 4, 7; 4Q92, 6-7; 1Q93, 5, 6, 9, 11; 2Q93, 2, 4, 7; 3Q93, 3, 5, 8, 10; 4Q93, 2, 4, 7

Corrections: 2Q90, 13; 3Q90, 15, 17-18; 4Q91, 15

Well Maintenance: 4Q88, 14

Well Construction: 1Q90, 44

Surveying: 4Q89, 31; 1Q90, 61

Sample Scheduling: 1Q87, 29; 3Q91, 31; 4Q91, 27; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93, 35; 2Q93, 35; 3Q93, 46; 4Q93, 33

Sample Collection: 1Q87, 38; 1Q90, 77; 2Q90, 60; 3Q90, 69; 4Q90, 69; 1Q91, 31

Field Notes: 2Q91, 37; 4Q91, 42; 1Q92, 42; 2Q92, 44-45; 3Q92, 40; 4Q92, 38; 1Q93, 47; 2Q93, 46; 3Q93, 56; 4Q93, 45

Sample Analysis: 1Q90, 83, 85; 2Q90, 67-69, 71, 75; 3Q90, 78-79, 81, 89, 91-93; 4Q90, 77-79, 82, 85, 87-88

Analytical-Data Review: 1Q91, 36, 38-41, 48, 50, 52-53, 56-60, 62; 2Q91, 42, 50, 52-53, 55-57; 3Q91, 53, 55-56, 58, 60; 4Q91, 45, 55, 57, B-8; 1Q92, 47, 49, 51-55, 57, 59, 62; 2Q92, 50, 52-55, 57, 59, 61-62; 3Q92, 48, 55-56; 4Q92, 43-44; 1Q93, 54-57, 59; 2Q93, 54-58, 61, 62, 65; 3Q93, 63, 64; 4Q93, 50-52, 54, 55

Quality Control Samples: 2Q90, 91, 102, 104; 4Q90, 101, 110-113; 1Q91, 75, 89-90; 2Q91, 71; 3Q91, 73; 4Q91, 66, 71; 1Q92, 74, 83, 85-86; 2Q92, 75, 85-86; 3Q92, 71-72, 83-85; 4Q92, 63, 73-74; 2Q93, 77, 89; 3Q93, 97, 98, 100

Water Level Data: 3Q93, 152; 4Q93, 149

Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

PAC Series

Executive Summary: 3Q87, 3; 1Q88, 3; 3Q88, 2; 4Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 2; 1Q90, 3; 2Q90, 2; 3Q90, 3; 4Q90, 2; 1Q91, 2; 2Q91, 2; 3Q91, 2; 4Q91, 2, B-3, C-3; 1Q92, 2; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 2; 2Q93, 2; 3Q93, 2; 4Q93, 2

Corrections: 1Q89, 17, 22; 1Q90, 17-18, 20

Well Maintenance: 1Q86, 6; 4Q88, 14

Well Construction: 3Q88, 24-25

Well Stabilization: 4Q88, 37-38

Surveying: 4Q88, 48

Sample Scheduling: 3Q88, 38; 4Q88, 50; 1Q89, 73; 2Q89, 40; 3Q89, 38; 4Q89, 35

Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 64; 3Q88, 49; 4Q88, 60-61; 1Q89, 88; 2Q89, 54; 3Q89, 54; 4Q89, 50-51; 1Q90, 77; 2Q90, 60; 3Q90, 69; 4Q90, 69; 1Q91, 31-32

Field Notes: 2Q91, 37; 3Q91, 43; 4Q91, 42; 1Q92, 42; 2Q92, 45; 3Q92, 40; 4Q92, 38; 1Q93, 48; 2Q93, 46; 3Q93, 56; 4Q93, 45

Sample Analysis: 3Q87, 52; 4Q87, 54; 1Q88, 122; 3Q88, 78-79; 1Q89, 130, 132-133; 2Q89, 106-108; 3Q89, 58, 68, 90, 92-93, 96-97; 4Q89, 56, 66-67, 100-101, 103; 1Q90, 83-84; 2Q90, 68-69, 71; 3Q90, 77, 80-81, 85-86; 4Q90, 75-79, 81-82, 86-89

INDEX OF WELL INFORMATION

PAC Series (cont.)

Analytical-Data Review: 1Q91, 38, 42-44; 2Q91, 44-48, 53, 56, 58; 3Q91, 52-56, 58-60, 63-64; 4Q91, 52-54; 1Q92, 59-62; 2Q92, 59-63; 3Q92, 55-57, 59; 4Q92, 43-44, 49-50; 1Q93, 57, 65-67, 69, 70; 2Q93, 54, 62-64; 3Q93, 63, 71; 4Q93, 56-58

Quality Control Samples: 1Q90, 105, 114; 2Q90, 91, 102-105; 3Q90, 111; 4Q90, 101, 110, 112; 2Q91, 71; 3Q91, 73, 79; 4Q91, 66, 71; 4Q92, 64, 74; 1Q93, 84, 97, 99; 2Q93, 78, 92-94; 3Q93, 84, 97-100

Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

PCB Series

Executive Summary: 3Q86, 3; 1Q87, 3; 3Q87, 3; 1Q88, 3; 2Q88, 2; 3Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 1Q90, 3; 2Q90, 3; 3Q90, 3; 1Q91, 3; 2Q91, 2; 3Q91, 2; 4Q91, 2, B-3, C-3; 1Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 3; 3Q93, 2; 4Q93, 2

Corrections: 1Q89, 12, 17

Well Maintenance: 3Q86, 13; 2Q87, 18; 4Q87, 12; 4Q88, 14; 3Q90, 25

Sample Scheduling: 2Q88, 52; 3Q88, 38

Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 39, 55; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 3Q88, 49; 4Q88, 61; 2Q89, 54; 1Q90, 77; 2Q90, 60; 3Q90, 69; 4Q90, 69; 1Q91, 32

Field Notes: 2Q91, 37; 3Q91, 43; 2Q92, 45; 3Q92, 40-41; 4Q92, 38; 3Q93, 56

Sample Analysis: 3Q87, 52; 1Q88, 113, 119, 121; 2Q88, 91; 3Q88, 77-79; 1Q89, 129, 133; 2Q89, 106-108; 3Q89, 92-93; 1Q90, 86-88; 3Q90, 79, 81, 86, 90, 92; 4Q90, 82, 87

Analytical-Data Review: 1Q91, 38, 40-43, 45, 48-50, 56-59; 3Q91, 59, 62; 1Q92, 51-54; 3Q92, 49-50; 1Q93, 55, 57-62, 65-69; 2Q93, 55; 3Q93, 66

Quality Control Samples: 3Q90, 111, 124-126; 1Q91, 75, 88-90; 3Q91, 73, 79; 1Q92, 74, 86; 1Q93, 84, 97-100; 2Q93, 77, 93, 97; 3Q93, 84

Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

PDB Series

Executive Summary: 4Q86, 3; 1Q87, 3; 2Q87, 2; 3Q87, 3; 1Q88, 3; 3Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 1Q90, 3; 2Q90, 3; 3Q90, 3; 4Q90, 3; 1Q91, 3; 2Q91, 2; 3Q91, 3; 4Q91, 2, B-1, B-3, C-3; 1Q92, 2; 3Q92, 2; 1Q93, 3; 3Q93, 2

Corrections: 2Q88, 10; 1Q89, 17; 3Q90, 16

Well Maintenance: 2Q87, 18

Well Construction: 3Q86, 17

Surveying: 4Q86, 28

Sample Scheduling: 1Q89, 76; 3Q89, 38

Sample Collection: 4Q86, 37; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 4Q88, 61; 3Q90, 92; 1Q91, 32

Field Notes: 2Q91, 37; 3Q91, 43; 4Q91, 42; 1Q92, 42-43; 2Q92, 45; 3Q92, 41; 4Q92, 38; 1Q93, 48; 2Q93, 46; 3Q93, 56; 4Q93, 45

Sample Analysis: 2Q87, 43; 3Q87, 52-53; 3Q88, 83; 3Q89, 97-98; 1Q90, 92-93

Analytical-Data Review: 1Q91, 37-38, 43, 62; 2Q91, 50, 58; 3Q91, 49, 54, 56; 4Q91, 51, 53, 58; 3Q92, 52; 1Q93, 58

Quality Control Samples: 1Q91, 75, 88; 4Q91, 66

Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

INDEX OF WELL INFORMATION

PRP Series

Executive Summary: 3Q86, 3; 4Q86, 3; 1Q87, 3; 2Q87, 2; 3Q87, 3; 1Q88, 3; 3Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 1Q90, 3; 2Q90, 2; 3Q90, 3; 4Q90, 2; 1Q91, 3; 2Q91, 2; 3Q91, 2; 4Q91, 2, B-3, C-3; 1Q92, 2; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 2; 2Q93, 2; 3Q93, 2

Corrections: 3Q86, 9; 1Q87, 9; 1Q89, 17

Well Maintenance: 1Q86, 6; 2Q87, 18; 3Q89, 19

Coring: 1Q86, 12

Sample Scheduling: 3Q88, 38; 4Q88, 50

Sample Collection: 3Q86, 30; 4Q86, 37; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 2Q89, 54; 3Q89, 54; 4Q89, 51; 1Q90, 77; 3Q90, 69; 4Q90, 70; 1Q91, 32

Field Notes: 2Q91, 37; 3Q91, 43; 4Q91, 42; 1Q92, 43; 2Q92, 45; 3Q92, 41; 4Q92, 38; 3Q93, 56

Sample Analysis: 2Q86, 18-20; 3Q86, 36; 1Q87, 49-51, 57; 3Q87, 52; 4Q87, 54-55; 1Q88, 121; 2Q89, 106-108; 3Q89, 91-93; 1Q90, 86; 2Q90, 68, 70; 3Q90, 78, 81

Analytical-Data Review: 1Q91, 36, 38-39, 41-45; 2Q91, 45; 3Q91, 55, 57-58, 60, 63; 1Q92, 53; 1Q93, 57, 60, 61

Quality Control Samples: 4Q90, 101; 1Q91, 87; 2Q91, 71; 4Q91, 66; 3Q93, 84

Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

PSB Series

Executive Summary: 3Q86, 3; 4Q86, 3; 1Q87, 3; 2Q87, 2; 3Q87, 3; 4Q87, 2; 1Q88, 3; 2Q88, 2; 3Q88, 3; 4Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 2; 1Q90, 3; 2Q90, 3; 3Q90, 3; 4Q90, 3; 1Q91, 3; 2Q91, 2; 3Q91, 3; 4Q91, 2, B-3, C-3; 1Q92, 2; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2

Corrections: 1Q89, 12, 17, 22; 3Q89, 12

Well Maintenance: 1Q86, 6; 4Q87, 12

Sample Scheduling: 2Q88, 51; 3Q88, 38

Sample Collection: 2Q86, 17; 3Q86, 30; 4Q86, 37-38; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 1Q89, 88; 2Q89, 54; 3Q89, 54; 4Q89, 51; 1Q90, 77; 2Q90, 60; 3Q90, 69; 4Q90, 70; 1Q91, 32

Field Notes: 2Q91, 37; 3Q91, 43; 4Q91, 42; 1Q92, 43; 2Q92, 45; 3Q92, 41; 4Q92, 38; 1Q93, 48; 2Q93, 46; 3Q93, 57; 4Q93, 45

Sample Analysis: 1Q86, 18; 2Q87, 44; 3Q87, 52; 1Q88, 121-122; 3Q88, 78; 1Q89, 132-133; 2Q89, 110-111, 115; 3Q89, 96-97; 1Q90, 92-94; 2Q90, 73, 75, 77, 79; 3Q90, 87-88

Analytical-Data Review: 1Q91, 47, 49-50, 52-53, 56-59; 2Q91, 56; 3Q91, 62-63; 4Q91, 56, 58; 1Q92, 53; 2Q92, 54; 3Q92, 47; 4Q92, 52; 1Q93, 55, 57, 59-62, 73; 2Q93, 66; 3Q93, 73

Quality Control Samples: 3Q91, 74; 4Q91, 66; 4Q93, 72

Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

PSS Series

Executive Summary: 4Q88, 5; 1Q89, 7; 2Q89, 7; 1Q90, 8; 1Q91, 9; 1Q92, 8; 3Q92, 8; 1Q93, 10; 3Q93, 9

Corrections: 1Q89, 26; 1Q90, 17

Well Construction: 4Q88, 20-21

Well Stabilization: 4Q88, 38-39

INDEX OF WELL INFORMATION

PSS Series (cont.)

Surveying:	4Q88, 48; 1Q89, 72
Sample Scheduling:	4Q88, 50; 1Q89, 73; 2Q89, 40; 3Q89, 38; 4Q89, 35
Sample Collection:	4Q88, 61; 1Q89, 88, 132; 2Q89, 54; 3Q89, 54; 4Q89, 51; 1Q90, 78; 2Q90, 60; 3Q90, 69; 4Q90, 70; 1Q91, 32
Field Notes:	2Q91, 37; 3Q91, 43; 4Q91, 42; 1Q92, 43; 2Q92, 45; 3Q92, 41; 4Q92, 38; 1Q93, 48; 2Q93, 46; 3Q93, 57; 4Q93, 45
Sample Analysis:	1Q89, 132; 2Q89, 107; 3Q89, 58, 68, 91, 93, 95, 97-98; 4Q89, 100; 1Q90, 84, 86-88, 93; 3Q90, 78-80, 88, 91; 4Q90, 75-76, 79
Analytical-Data Review:	1Q91, 36-38, 41-44, 49-50, 52-54, 56-59; 2Q91, 47, 49, 56; 3Q91, 58-59, 62; 2Q92, 61; 3Q92, 47-48, 56-57; 4Q92, 49-50; 1Q93, 57, 65-68; 3Q93, 70; 4Q93, 58
Quality Control Samples:	1Q90, 105, 113; 3Q90, 111, 124, 126; 4Q90, 110; 1Q91, 75, 87-90; 3Q91, 74, 79; 4Q91, 66; 3Q92, 72, 85; 1Q93, 84, 98-100; 4Q93, 72, 83, 88
Site Index:	1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

PW (Production) Wells

Well Abandonment:	3Q88, 12; 2Q89, 14; 3Q89, 13
-------------------	------------------------------

PW Series (Z Area)

Well Abandonment:	2Q87, 10
-------------------	----------

PZ Series

Well Abandonment:	1Q87, 11; 2Q87, 10; 4Q87, 10; 1Q88, 16
Well Maintenance:	3Q86, 13
Surveying:	2Q90, 44

R Series

Surveying:	3Q86, 18
------------	----------

RAC Series

Executive Summary:	3Q86, 3; 1Q87, 3; 3Q87, 3; 3Q88, 3; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 2; 1Q90, 3; 3Q90, 3; 3Q91, 3; 4Q91, 2, C-3; 1Q92, 3; 2Q92, 2; 3Q92, 2; 4Q92, 2; 1Q93, 3; 3Q93, 3
Corrections:	1Q89, 17; 1Q90, 17-18
Well Maintenance:	1Q86, 6; 2Q86, 8; 1Q89, 33-34
Sample Scheduling:	3Q88, 39
Sample Collection:	3Q86, 31; 4Q86, 38; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 3Q88, 49; 4Q88, 61; 1Q89, 88; 2Q89, 54; 3Q89, 54; 4Q89, 51; 1Q90, 78; 2Q90, 60; 3Q90, 70; 4Q90, 70
Field Notes:	2Q91, 37; 3Q91, 44; 4Q91, 42; 1Q92, 43; 3Q92, 41; 4Q92, 38; 3Q93, 57
Sample Analysis:	3Q87, 46; 1Q88, 119, 121; 1Q89, 132; 2Q89, 106-108; 1Q90, 86-88; 3Q90, 80
Analytical-Data Review:	1Q91, 36, 38, 42-43; 3Q91, 49; 4Q91, 51-52, 54-55; 1Q92, 48, 53; 2Q92, 56, 58; 3Q92, 54, 57; 4Q92, 50; 1Q93, 55-57, 59, 62, 65, 66, 71

INDEX OF WELL INFORMATION

RAC Series (cont.)

Quality Control Samples: 1Q91, 75, 87; 1Q92, 74, 85-86; 2Q92, 75, 86; 3Q92, 72, 83-85;
4Q92, 63, 73; 1Q93, 84, 96-98
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RCP Series

Executive Summary: 3Q92, 3; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
Well Construction: 4Q90, 43
Surveying: 4Q90, 51
Field Notes: 2Q92, 45; 3Q92, 3; 3Q92, 41; 4Q92, 39; 1Q93, 48; 2Q93, 46; 3Q93, 57; 4Q93, 45
Sample Scheduling: 3Q93, 46
Analytical-Data Review: 3Q92, 48, 50, 53-54; 4Q92, 42-44, 50-51; 1Q93, 52, 55, 56, 58-60; 2Q93, 55; 3Q93, 62, 66; 4Q93, 53-55
Quality Control Samples: 4Q92, 63, 72-74
Water Level Data: 3Q93, 152
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RDB Series

Executive Summary: 1Q90, 3; 2Q90, 3; 3Q90, 3; 4Q90, 3; 1Q91, 3; 3Q91, 3; 4Q91, C-3; 1Q92, 3; 2Q92, 2; 3Q92, 3; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
Well Construction: 1Q90, 44-45; 3Q90, 16
Well Stabilization: 1Q90, 52-53
Surveying: 1Q90, 61
Sample Collection: 1Q90, 78; 2Q90, 60; 3Q90, 70; 4Q90, 70; 1Q91, 32
Field Notes: 2Q91, 37; 3Q91, 44; 4Q91, 42; 1Q92, 43; 3Q92, 41; 4Q92, 39; 1Q93, 48; 2Q93, 47; 3Q93, 57; 4Q93, 45
Sample Analysis: 1Q90, 83, 85; 2Q90, 68-69; 3Q90, 80-81, 85-86, 89, 91-92; 4Q90, 77, 79
Analytical-Data Review: 1Q91, 38, 43, 49-50, 56-59; 3Q91, 49, 58, 62; 1Q92, 53; 2Q92, 50, 54-56, 62; 3Q92, 50-52, 54; 4Q92, 44-45; 1Q93, 52, 54-56, 59, 60, 72; 2Q93, 55-57; 3Q93, 62-65; 4Q93, 53, 54
Quality Control Samples: 3Q90, 111, 124-126; 1Q91, 75, 88, 90; 1Q92, 74, 85-86; 2Q92, 75, 86-87
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RRP Series

Executive Summary: 3Q86, 3; 2Q89, 3; 3Q90, 3; 1Q91, 3; 3Q91, 3; 4Q91, C-3; 1Q92, 3; 3Q92, 2; 1Q93, 3
Well Maintenance: 1Q86, 6; 2Q87, 19; 1Q90, 26
Sample Scheduling: 3Q88, 39; 4Q88, 50; 3Q89, 38
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65; 3Q88, 49; 4Q88, 61; 1Q89, 88; 2Q89, 55; 4Q89, 51; 2Q90, 60; 3Q90, 70
Field Notes: 3Q91, 44; 4Q91, 42; 2Q92, 45; 3Q92, 41
Sample Analysis: 2Q89, 106-108; 1Q90, 86, 88; 3Q90, 79
Analytical-Data Review: 1Q91, 36-38, 41-43; 3Q91, 49, 54, 57-59; 1Q92, 53; 3Q92, 52; 1Q93, 54-57, 59-61; 3Q93, 66

INDEX OF WELL INFORMATION

RRP Series (cont.)

Quality Control Samples: 3Q90, 123
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSA Series

Executive Summary: 1Q89, 3; 4Q90, 3; 1Q91, 3; 3Q91, 3; 4Q91, C-3; 2Q92, 2; 3Q92, 3; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
Corrections: 3Q88, 10
Sample Collection: 1Q87, 39; 3Q87, 39; 1Q88, 97; 2Q88, 65; 1Q91, 21
Field Notes: 3Q91, 33; 4Q91, 29; 1Q92, 29; 1Q93, 37, 48; 2Q93, 47; 3Q93, 57; 4Q93, 45
Sample Scheduling: 3Q93, 46
Sample Analysis: 2Q88, 86; 1Q89, 139; 3Q89, 100; 2Q90, 76; 4Q90, 85, 87
Analytical-Data Review: 1Q91, 36, 43, 62; 3Q91, 48; 2Q92, 52-53, 55; 3Q92, 49-52; 4Q92, 45; 1Q93, 52-56, 58-62, 72; 2Q93, 55, 57; 3Q93, 63-67; 4Q93, 53, 55, 61
Quality Control Samples: 3Q92, 81
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSB Series

Executive Summary: 3Q89, 3; 2Q90, 3; 3Q91, 3; 4Q91, C-3; 1Q92, 3; 2Q92, 2; 3Q92, 3; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
Corrections: 2Q88, 11
Sample Collection: 1Q87, 39; 3Q87, 39; 2Q88, 65; 1Q91, 21
Field Notes: 3Q91, 33; 4Q91, 29; 1Q92, 29; 1Q93, 37, 48; 2Q93, 37, 38, 47; 3Q93, 47, 48, 57; 4Q93, 35, 36, 45, 46
Sample Analysis: 1Q88, 97; 2Q88, 86; 4Q88, 94, 100; 1Q89, 139; 3Q89, 96, 100; 2Q90, 76
Analytical-Data Review: 1Q91, 36, 42, 62-63; 3Q91, 48, 57; 2Q92, 52-53; 3Q92, 50, 52; 1Q93, 59, 61; 2Q93, 52, 54-58; 3Q93, 63, 64, 66, 67; 4Q93, 55
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSC Series

Executive Summary: 3Q92, 3; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
Corrections: 2Q88, 11
Sample Collection: 1Q87, 39; 3Q87, 39; 1Q88, 97; 2Q88, 65; 1Q91, 21
Field Notes: 3Q91, 33; 4Q91, 29; 1Q92, 29; 1Q93, 37, 48; 2Q93, 37, 38; 3Q93, 47, 48, 57; 4Q93, 35, 36, 46
Sample Scheduling: 3Q93, 46
Sample Analysis: 2Q88, 86-87; 3Q88, 83; 4Q88, 100; 1Q89, 139; 1Q90, 97
Analytical-Data Review: 1Q91, 63; 3Q91, 61; 3Q92, 51; 1Q93, 55-57, 61; 2Q93, 57; 3Q93, 63-67
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSD Series

Executive Summary: 1Q87, 3; 2Q87, 2; 3Q87, 3; 4Q87, 2; 1Q88, 4; 2Q88, 2; 3Q88, 3; 4Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 2; 1Q90, 3; 2Q90, 3; 3Q90, 3; 4Q90, 3; 1Q91, 3; 3Q91, 3; 4Q91, C-3; 1Q92, 3; 2Q92, 2; 3Q92, 3; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2

INDEX OF WELL INFORMATION

RSD Series (cont.)

Corrections: 4Q87, 8; 2Q88, 11; 3Q88, 10; 1Q89, 12, 17, 23; 3Q89, 12; 3Q90, 15
 Sample Collection: 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 40; 1Q88, 97; 2Q88, 65;
 1Q91, 21
 Field Notes: 3Q91, 33; 4Q91, 29; 1Q92, 29; 1Q93, 37, 48; 2Q93, 37, 38, 47; 3Q93,
 47, 48, 57; 4Q93, 35, 36, 46
 Sample Analysis: 2Q87, 42; 2Q88, 86-87; 3Q88, 83; 4Q88, 94; 1Q89, 139; 2Q89, 115;
 4Q89, 104; 1Q90, 89, 97; 2Q90, 76, 79; 4Q90, 87, 90
 Analytical-Data Review: 1Q91, 36, 42, 62-64; 3Q91, 48, 57, 61; 1Q92, 52; 2Q92, 55; 3Q92, 49,
 51-52, 54; 4Q92, 45-46; 1Q93, 54-56, 59-61, 72; 2Q93, 52, 54-56, 58;
 3Q93, 63-67; 4Q93, 53-55
 Quality Control Samples: 3Q92, 81; 3Q93, 96
 Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSE Series

Executive Summary: 1Q87, 3; 2Q87, 2; 3Q87, 4; 4Q87, 2; 1Q88, 4; 2Q88, 2; 3Q88, 3;
 4Q88, 2; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 2; 1Q90, 3; 2Q90, 3;
 3Q90, 3; 4Q90, 3; 1Q91, 3; 3Q91, 3; 4Q91, C-3; 1Q92, 3; 2Q92, 2;
 3Q92, 3; 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
 Corrections: 2Q88, 11; 3Q88, 10; 1Q89, 12, 17, 23; 3Q89, 12; 1Q90, 19; 3Q90, 15
 Well Maintenance: 4Q88, 14; 3Q89, 15
 Well Construction: 1Q87, 19
 Surveying: 1Q87, 26
 Sample Scheduling: 4Q93, 33
 Sample Collection: 1Q87, 39; 2Q87, 34; 3Q87, 39; 4Q87, 41; 1Q88, 98; 2Q88, 65; 1Q89,
 88; 2Q89, 55; 2Q90, 61; 3Q90, 70; 4Q90, 70; 1Q91, 21, 32
 Field Notes: 2Q91, 37; 3Q91, 33, 44; 4Q91, 29, 42; 1Q92, 29, 43; 2Q92, 45;
 3Q92, 41; 4Q92, 39; 1Q93, 37, 48; 2Q93, 37, 38, 47; 3Q93, 47, 48, 57;
 4Q93, 35, 36, 46
 Sample Analysis: 3Q87, 52-53; 4Q87, 55; 1Q88, 121; 2Q88, 86-87; 3Q88, 78, 83; 4Q88,
 94, 100; 1Q89, 132, 139; 2Q89, 111, 115; 3Q89, 100; 4Q89, 104;
 1Q90, 94, 97; 2Q90, 76, 79; 3Q90, 91; 4Q90, 87, 91
 Analytical-Data Review: 1Q91, 36, 38, 49-50, 53, 56, 62-63; 3Q91, 48-49, 57, 61, 63; 1Q92, 55;
 2Q92, 50, 53-55; 3Q92, 49-52, 54; 4Q92, 42, 44-46, 48; 1Q93, 52, 53,
 55-63; 2Q93, 52, 54-58, 65; 3Q93, 62-67, 72; 4Q93, 54, 55
 Quality Control Samples: 1Q91, 75, 88-90; 4Q92, 72; 1Q93, 96; 2Q93, 89; 4Q93, 83
 Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSF Series

Executive Summary: 1Q87, 3; 2Q87, 2; 3Q87, 4; 4Q87, 2; 1Q88, 4; 3Q88, 3; 1Q89, 3;
 2Q89, 3; 3Q89, 3; 4Q89, 2; 1Q90, 3; 2Q90, 3; 3Q90, 3; 4Q90, 3;
 2Q91, 2; 3Q91, 3, B-3; 4Q91, C-3; 1Q92, 3; 2Q92, 2; 3Q92, 3;
 4Q92, 2; 1Q93, 3; 2Q93, 2; 3Q93, 3; 4Q93, 2
 Corrections: 1Q89, 17, 21, 23
 Well Maintenance: 2Q88, 19; 4Q88, 14
 Well Construction: 1Q87, 20-21
 Surveying: 1Q87, 26
 Sample Collection: 1Q87, 39; 2Q87, 34; 3Q87, 40; 4Q87, 41; 1Q88, 98; 2Q88, 66; 3Q88,
 49; 4Q88, 61; 1Q89, 88; 2Q90, 61; 3Q90, 70

INDEX OF WELL INFORMATION

RSF Series (cont.)

Field Notes: 3Q91, 44; 4Q91, 42; 1Q92, 43; 2Q92, 45; 3Q92, 41; 4Q92, 39; 1Q93, 48; 2Q93, 47; 3Q93, 57; 4Q93, 46
 Sample Analysis: 3Q87, 52; 1Q88, 121; 1Q89, 132; 2Q89, 110
 Analytical-Data Review: 1Q91, 45, 60; 3Q91, 49, 55; 1Q92, 51-52; 2Q92, 50, 53-55; 3Q92, 48, 50, 52; 4Q92, 44; 1Q93, 52, 54-61; 2Q93, 55-57; 3Q93, 64, 66; 4Q93, 50, 51, 53, 54
 Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

RSS Series

Corrections: 3Q88, 9
 Well Abandonment: 1Q89, 27

RSSF Series (Incorrectly reported; should be RSS)

Corrections: 3Q88, 9
 Well Abandonment: 1Q88, 17

RWM Series

Executive Summary: 1Q87, 7; 2Q87, 5; 3Q87, 8; 4Q87, 5; 1Q88, 7; 2Q88, 4; 3Q88, 5; 4Q88, 4; 1Q89, 6; 2Q89, 5; 3Q89, 6; 4Q89, 4; 1Q90, 6; 2Q90, 5; 3Q90, 6; 4Q90, 5; 1Q91, 6; 2Q91, 4; 3Q91, 7; 4Q91, 5, B-5, C-7; 1Q92, 6; 2Q92, 5; 3Q92, 6; 4Q92, 5; 1Q93, 8; 2Q93, 6; 3Q93, 7; 4Q93, 5
 Corrections: 4Q87, 8; 1Q89, 14-15, 19, 22, 25; 1Q90, 18, 20
 Well Construction: 3Q90, 45-46
 Sample Scheduling: 2Q89, 41; 3Q89, 39; 4Q89, 36; 3Q91, 31; 4Q91, 27; 3Q93, 46; 4Q93, 33
 Sample Collection: 1Q87, 39; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 98; 2Q88, 66; 3Q88, 49; 4Q88, 61; 1Q89, 89; 2Q89, 55; 3Q89, 54; 4Q89, 51; 1Q90, 78; 2Q90, 61; 3Q90, 70; 4Q90, 70; 1Q91, 32
 Field Notes: 2Q91, 27, 37; 3Q91, 44; 4Q91, 42-43; 1Q92, 43; 2Q92, 45-46; 3Q92, 41; 4Q92, 39; 1Q93, 48, 49; 2Q93, 47; 3Q93, 57; 4Q93, 46
 Sample Analysis: 4Q87, 55; 4Q88, 99; 1Q89, 115, 137; 2Q89, 107; 3Q89, 58, 93, 99; 4Q89, 56, 104; 1Q90, 83-84, 89, 91, 94; 2Q90, 66, 69, 75, 77; 3Q90, 95; 4Q90, 90
 Analytical-Data Review: 1Q91, 37, 42-44, 46, 59, 62; 2Q91, 43, 45-46, 48-50, 53, 61; 3Q91, 49-50, 58, 65; 4Q91, 47, 50-51, 57; 1Q92, 49-51, 53; 2Q92, 51, 53, 57; 3Q92, 50, 53-54; 1Q93, 56, 57, 59, 60; 2Q93, 55, 56; 3Q93, 63, 66; 4Q93, 51-54
 Quality Control Samples: 1Q90, 105; 2Q90, 91, 104; 1Q91, 90-91; 4Q91, 66
 Water Level Data: 3Q90, 705
 Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155
 DNAPL Study: 2Q91, 551, 554-555

INDEX OF WELL INFORMATION

S Series

Sample Collection: 3Q90, 70
Water Level Data: 4Q88, 339

SB Series

Well Abandonment: 2Q88, 15-16

SBG Series

Executive Summary: 3Q86, 5; 4Q86, 4; 1Q87, 5; 2Q87, 4; 3Q87, 6; 4Q87, 4; 1Q88, 6;
2Q88, 4; 3Q88, 4; 1Q89, 5; 2Q89, 5; 3Q89, 5; 4Q89, 4; 1Q90, 6;
2Q90, 5; 3Q90, 5; 4Q90, 4; 1Q91, 5; 3Q91, 6; 4Q91, C-6; 1Q92, 5;
3Q92, 5; 1Q93, 7; 2Q93, 5; 3Q93, 6
Corrections: 1Q89, 14-15, 19, 21, 24
Well Maintenance: 2Q87, 19; 4Q87, 12; 1Q89, 34
Well Construction: 1Q87, 21
Well Stabilization: 3Q87, 26
Surveying: 2Q86, 14; 1Q87, 26
Sample Scheduling: 3Q87, 30
Sample Collection: 2Q86, 17; 3Q86, 31; 4Q86, 38; 1Q87, 39; 2Q87, 35; 3Q87, 40; 4Q87,
41; 1Q88, 98; 2Q88, 66; 3Q88, 49
Field Notes: 3Q91, 44; 4Q91, 43; 1Q92, 43; 2Q92, 46; 3Q92, 41; 1Q93, 49; 2Q93,
47; 3Q93, 57; 4Q93, 46
Sample Analysis: 2Q87, 43; 4Q87, 55; 1Q88, 124; 2Q88, 91; 3Q88, 83; 1Q89, 133;
2Q89, 107-108; 3Q89, 100; 1Q90, 88, 90, 97; 3Q90, 81
Analytical-Data Review: 1Q91, 36, 38, 40-45, 51, 53, 56, 59; 3Q91, 58-59, 61; 2Q92, 50; 1Q93,
53, 55; 2Q93, 52-54, 57, 60-63
Quality Control Samples: 3Q90, 123; 1Q91, 75, 88, 90; 3Q91, 74, 79; 2Q93, 77, 90, 91, 93, 94
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

SCA Series

Executive Summary: 4Q89, 4; 1Q90, 6; 2Q90, 5; 1Q91, 5; 2Q91, 4; 3Q91, 6; 4Q91, 4, B-5,
C-6; 1Q92, 5; 2Q92, 4; 3Q92, 5; 4Q92, 4; 1Q93, 7; 2Q93, 5; 3Q93, 6;
4Q93, 5
Well Construction: 1Q86, 10-11; 2Q86, 10-11; 1Q90, 45; 2Q90, 24
Surveying: 2Q86, 14; 3Q90, 51
Sample Collection: 4Q86, 38; 1Q87, 40; 2Q88, 66; 1Q90, 78; 2Q90, 61; 3Q90, 70-71;
4Q90, 70; 1Q91, 21, 32
Field Notes: 2Q91, 27, 37-38; 3Q91, 33, 44; 4Q91, 29, 43; 1Q92, 29, 43; 2Q92, 33,
46; 3Q92, 29, 41; 4Q92, 29, 39; 1Q93, 37, 49; 2Q93, 37, 38, 47; 3Q93,
47, 48, 57, 58; 4Q93, 35, 36, 46
Sample Scheduling: 3Q93, 46
Sample Analysis: 4Q89, 101; 1Q90, 85; 2Q90, 66; 3Q90, 78, 81
Analytical-Data Review: 1Q91, 37-39, 42-44; 2Q91, 46, 48-49, 54-58; 3Q91, 48-49, 55-56,
59-60, 63; 4Q91, 50, 52-53; 1Q92, 51-53; 2Q92, 56; 3Q92, 49, 51;
1Q93, 53-55, 57-61; 3Q93, 63-65
Quality Control Samples: 3Q92, 81
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

INDEX OF WELL INFORMATION

SDS Series

Well Abandonment: 1Q87, 11; 2Q87, 11; 4Q87, 11; 1Q88, 17
Well Maintenance: 3Q86, 14

SLP Series

Executive Summary: 1Q88, 1, 6; 2Q88, 4; 3Q88, 4; 4Q88, 4; 2Q89, 5; 3Q89, 5; 1Q90, 6;
1Q93, 7; 3Q93, 6
Corrections: 1Q89, 14-15, 19, 24
Well Construction: 1Q88, 50
Well Stabilization: 1Q88, 78
Surveying: 4Q88, 48; 1Q89, 72
Sample Collection: 1Q88, 98; 2Q88, 67; 3Q88, 49; 4Q88, 61; 1Q89, 89; 2Q89, 55; 3Q89,
54; 4Q89, 51; 1Q90, 78; 2Q90, 61; 3Q90, 71; 4Q90, 71; 1Q91, 32
Field Notes: 2Q91, 38; 3Q91, 44; 4Q91, 43; 1Q92, 43; 2Q92, 46; 3Q92, 41;
4Q92, 39; 1Q93, 49; 2Q93, 47; 3Q93, 58; 4Q93, 47
Sample Analysis: 3Q88, 64-65, 78, 82; 2Q89, 107; 1Q90, 86, 90
Analytical-Data Review: 1Q91, 36, 38, 40-41; 1Q93, 53, 55, 59, 60; 3Q93, 66
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

SLW Series

Well Construction: 2Q88, 34-36
Surveying: 3Q88, 33
Sample Collection: 3Q90, 71
Field Notes: 1Q92, 44
Water Level Data: 4Q88, 339-341; 1Q89, 438-439; 2Q89, 434; 3Q89, 458; 4Q89, 455;
1Q90, 606-607; 2Q90, 576-577; 3Q90, 705; 4Q90, 539-540;
1Q91, 784; 2Q91, 548; 3Q91, 150; 4Q91, 139; 1Q92, 110-111;
2Q92, 112-113; 3Q92, 106-107; 4Q92, 97-98
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

SRW Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 6; 2Q87, 5; 3Q87, 7; 4Q87, 5; 1Q88, 7;
3Q88, 5; 1Q89, 6; 2Q89, 6; 3Q89, 6; 4Q89, 4; 1Q90, 7; 2Q90, 6;
3Q90, 7; 4Q90, 5; 1Q91, 7; 2Q91, 5; 3Q91, 7; 4Q91, 5, B-6, C-8;
1Q92, 6; 2Q92, 5; 3Q92, 7; 4Q92, 5; 1Q93, 9; 2Q93, 6; 3Q93, 8;
4Q93, 6
Corrections: 4Q87, 8; 3Q88, 9; 1Q89, 15, 20-21, 25
Well Maintenance: 1Q86, 7; 2Q86, 8; 1Q88, 20; 2Q88, 19; 3Q88, 13; 4Q88, 13-14; 1Q89,
34; 3Q89, 19-20; 4Q89, 14; 1Q90, 26; 3Q90, 25
Sample Scheduling: 3Q88, 39; 3Q93, 46; 4Q93, 33
Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 40; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88,
98; 2Q88, 67; 3Q88, 49-50; 4Q88, 62; 1Q89, 89; 2Q89, 55; 3Q89, 55;
4Q89, 51-52; 1Q90, 78; 2Q90, 61; 3Q90, 71; 4Q90, 71; 1Q91, 32
Field Notes: 2Q91, 27, 38; 3Q91, 44-45; 4Q91, 43; 1Q92, 44; 2Q92, 46; 3Q92, 42;
4Q92, 39; 1Q93, 49; 2Q93, 48; 3Q93, 58; 4Q93, 47
Sample Analysis: 4Q86, 42-43; 1Q87, 55; 2Q87, 42-43; 3Q87, 51-52; 4Q87, 49, 55-56;
1Q88, 113-114, 121-122; 2Q88, 76; 3Q88, 75, 79-81; 1Q89, 115, 132;
2Q89, 58-89, 106-108, 111, 114; 3Q89, 58, 92-93; 4Q89, 56, 104;
1Q90, 83, 85-89, 94; 2Q90, 77; 3Q90, 79, 81, 83; 4Q90, 76, 81, 87, 90

INDEX OF WELL INFORMATION

SRW Series (cont.)

Analytical-Data Review:	1Q91, 36, 38-39, 41-45, 50-52, 56; 2Q91, 61; 3Q91, 49-50, 53-54, 57-62; 1Q92, 49-54, 58-60; 2Q92, 49, 53-57, 60-61; 3Q92, 49-51, 54, 56-57; 4Q92, 42, 44-46, 48, 50; 1Q93, 52, 57-61, 65, 67; 2Q93, 52, 54-58, 60, 63; 3Q93, 63-66; 4Q93, 56
Quality Control Samples:	1Q90, 105; 2Q90, 91; 3Q90, 111, 124, 126; 1Q91, 75, 87-88, 90; 3Q91, 74, 78-79; 4Q91, 66; 1Q92, 74, 84-86; 2Q92, 75, 85-87; 3Q92, 72, 82-85; 4Q92, 63, 73; 1Q93, 84, 97, 98, 100; 2Q93, 77, 78, 89, 91; 3Q93, 84, 97, 98, 100; 4Q93, 72, 84
Water Level Data:	4Q88, 341-347; 1Q89, 439-441; 2Q89, 434-346; 3Q89, 458-460; 4Q89, 455-456; 1Q90, 607-608; 2Q90, 577-578; 3Q90, 705-706; 4Q90, 540-541; 1Q91, 784-786; 2Q91, 548-550; 3Q91, 150-152; 4Q91, 139-141; 1Q92, 111-112; 2Q92, 113-114; 3Q92, 107-108; 4Q92, 98, 99; 1Q93, 146, 147; 2Q93, 135, 136; 3Q93, 152-154; 4Q93, 149, 150
Site Index:	1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

SSS Series

Executive Summary:	4Q88, 5; 2Q89, 7; 4Q89, 5; 1Q90, 8; 3Q90, 8; 1Q91, 9; 3Q91, 8; 4Q91, 6, C-9; 1Q92, 8; 2Q92, 6, 7; 3Q92, 8; 1Q93, 10, 11; 3Q93, 8, 9
Corrections:	1Q89, 26; 1Q90, 17-18
Well Abandonment:	4Q88, 12
Sample Scheduling:	4Q88, 50; 2Q89, 41; 4Q93, 33
Sample Collection:	4Q88, 62-63; 1Q89, 89; 2Q89, 55-56; 3Q89, 55; 4Q89, 52; 1Q90, 78-79; 2Q90, 61-62; 3Q90, 71-72; 4Q90, 71; 1Q91, 21, 32-33
Field Notes:	2Q91, 27, 38; 3Q91, 33, 45; 4Q91, 29, 43; 1Q92, 29, 44; 2Q92, 33, 46-47; 3Q92, 29, 42; 4Q92, 29, 39-40; 1Q93, 37, 49; 2Q93, 37, 38, 48; 3Q93, 47, 48, 58; 4Q93, 35, 36, 47
Sample Analysis:	4Q88, 92-93; 2Q89, 107-109; 4Q89, 100; 1Q90, 83, 85-91; 3Q90, 76, 78, 80; 4Q90, 76
Analytical-Data Review:	1Q91, 37-46; 2Q91, 45, 47, 49; 3Q91, 49, 55, 60-63; 4Q91, 46, 49-55, 57; 1Q92, 54, 57, 59-62; 2Q92, 59-63; 3Q92, 55-59; 4Q92, 49-51; 1Q93, 64, 67-71; 2Q93, 61-64; 3Q93, 70, 71
Quality Control Samples:	1Q91, 87; 2Q92, 85; 3Q92, 83; 3Q93, 97
Water Level Data:	4Q88, 347
Site Index:	1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

T18N Series (Series renamed; should be NTN)

Surveying:	2Q89, 38
------------	----------

T18S Series (Series renamed; should be NTS)

Surveying:	2Q89, 38
------------	----------

TBNX Series (Incorrectly reported; should be TNX)

Analytical-Data Review:	1Q92, 56
-------------------------	----------

INDEX OF WELL INFORMATION

TBG Series

Executive Summary:	4Q88, 5; 1Q89, 7; 2Q89, 7; 3Q89, 7; 4Q89, 6; 1Q90, 9; 2Q90, 7; 3Q90, 9; 4Q90, 7; 1Q91, 9; 2Q91, 7; 3Q91, 9; 4Q91, 7, B-2, B-8, C-9; 1Q92, 9; 2Q92, 7; 3Q92, 9; 4Q92, 7; 1Q93, 11; 2Q93, 8; 3Q93, 10; 4Q93, 7
Corrections:	1Q89, 26; 3Q89, 12; 1Q90, 17-20; 3Q90, 17-18
Well Construction:	4Q88, 21-23; 4Q89, 19
Well Stabilization:	4Q88, 39-41; 2Q90, 37-38
Surveying:	4Q88, 48; 4Q89, 31
Sample Scheduling:	4Q88, 50; 1Q89, 76; 2Q89, 41-42; 3Q89, 39; 4Q89, 36; 2Q91, 26; 3Q91, 31; 4Q91, 27; 1Q92, 27; 2Q92, 31; 3Q92, 27; 4Q92, 27; 1Q93, 35; 2Q93, 35; 3Q93, 46; 4Q93, 33
Sample Collection:	4Q88, 63; 1Q89, 90; 2Q89, 56; 3Q89, 55; 4Q89, 52; 1Q90, 79; 2Q90, 62; 3Q90, 72; 4Q90, 71-72; 1Q91, 33
Field Notes:	2Q91, 38; 3Q91, 45; 4Q91, 44; 2Q92, 47; 3Q92, 29, 42; 4Q92, 29, 40; 2Q93, 48; 3Q93, 58; 4Q93, 47
Sample Analysis:	1Q89, 115-116, 118, 131-133, 135; 2Q89, 110-112; 3Q89, 96-97; 4Q89, 56; 1Q90, 92-96; 2Q90, 66, 69, 71, 75-76; 3Q90, 77-78, 85-89, 91-92, 96; 4Q90, 85-88
Analytical-Data Review:	1Q91, 36-39, 42-46, 62; 2Q91, 45-47, 49, 52-54, 56-58; 3Q91, 49, 54-58, 60, 62-63; 4Q91, 51-52, 54, B-8, C-10; 1Q92, 49, 52, 54, 56-57, 62; 2Q92, 52, 59, 63; 3Q92, 48, 54; 4Q92, 43-46, 50; 1Q93, 54, 67, 69; 2Q93, 52-57, 61, 62; 3Q93, 65, 70; 4Q93, 50, 52, 54, 55
Quality Control Samples:	1Q90, 105, 113; 2Q90, 91, 102-104; 3Q90, 111, 125-126; 4Q90, 101, 112; 1Q91, 75, 87-88; 2Q91, 71; 3Q91, 74, 78-79; 4Q91, 66, 71; 1Q92, 74, 84-86; 2Q92, 75, 85-87; 3Q92, 72, 81-85; 4Q92, 63, 72-75; 1Q93, 84, 96, 98, 100; 2Q93, 78, 90, 91, 94; 3Q93, 84, 97, 98, 100; 4Q93, 72, 85-88
Water Level Data:	3Q93, 154; 4Q93, 151
Site Index:	1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

TNX Series

Executive Summary:	1Q90, 9; 2Q90, 7; 4Q90, 7; 3Q90, 9; 1Q91, 9; 2Q91, 6-7; 3Q91, 9; 4Q91, 7, B-2, B-8, C-9; 1Q92, 8; 2Q92, 7; 3Q92, 9; 4Q92, 6, 7; 1Q93, 11; 2Q93, 8; 3Q93, 10; 4Q93, 7
Corrections:	2Q90, 13; 3Q90, 17-18; 4Q91, 15; 1Q93, 21
Well Construction:	4Q89, 20-24; 3Q90, 9
Well Stabilization:	1Q90, 53-57
Surveying:	4Q89, 31-32; 1Q90, 61
Sample Collection:	1Q90, 79; 2Q90, 62; 3Q90, 72; 4Q90, 72; 1Q91, 33
Field Notes:	2Q91, 38; 3Q91, 45; 4Q91, 44; 1Q92, 44; 2Q92, 47; 3Q92, 42; 4Q92, 40; 1Q93, 49, 50; 2Q93, 48; 3Q93, 58; 4Q93, 48
Sample Scheduling:	2Q93, 35; 3Q93, 46; 4Q93, 33
Sample Analysis:	1Q90, 82; 2Q90, 66-71; 3Q90, 78, 80-81, 86, 88, 90-94, 96; 4Q90, 76, 78-79, 82, 85-87
Analytical-Data Review:	1Q91, 40-43, 50, 54-61; 2Q91, 42, 45-47, 49-58; 3Q91, 53-62; 4Q91, 50-54, B-8, C-10; 1Q92, 49, 51-54, 56, 59-60; 2Q92, 52-55, 57; 3Q92, 48-51, 54; 4Q92, 42-45; 1Q93, 54-56, 58-62, 67-69; 2Q93, 52, 54, 56, 57, 61, 62; 3Q93, 63-65, 67, 70; 4Q93, 52-55, 58
Quality Control Samples:	2Q90, 91, 103-104; 3Q90, 111, 124, 126; 4Q90, 101, 110, 112; 1Q91, 75, 89-91; 2Q91, 71, 79-80; 3Q91, 74; 4Q91, 66, 71; 1Q92, 74,

INDEX OF WELL INFORMATION

TNX Series (cont.)

83, 86; 3Q92, 72, 81, 83-85; 4Q92, 72; 1Q93, 84, 96, 98, 100; 2Q93, 78, 91, 93, 94; 3Q93, 84, 97-100; 4Q93, 72, 84-88
 Water Level Data: 3Q93, 154; 4Q93, 151
 Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

WW Series

Well Abandonment: 1Q88, 17
 Sample Scheduling: 1Q88, 84

XSB Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 7; 3Q87, 7; 1Q88, 8; 2Q88, 5; 3Q88, 6; 4Q88, 5; 1Q89, 7; 2Q89, 7; 3Q89, 7; 4Q89, 6; 1Q90, 9; 2Q90, 7; 3Q90, 8; 4Q90, 7; 1Q91, 9; 2Q91, 6; 3Q91, 9; 4Q91, 6, B-2, B-8, C-1, C-9; 1Q92, 8; 2Q92, 7; 3Q92, 8; 4Q92, 6; 1Q93, 11; 2Q93, 7; 3Q93, 9; 4Q93, 7
 Corrections: 4Q86, 9; 1Q87, 9; 1Q89, 15, 21, 26; 3Q89, 12; 1Q90, 19-20; 3Q90, 17-18
 Well Abandonment: 3Q88, 12
 Well Maintenance: 3Q86, 14; 1Q90, 26; 3Q90, 25
 Well Construction: 3Q88, 25-26; 1Q90, 46-47
 Well Stabilization: 4Q88, 41-42; 2Q90, 38
 Surveying: 4Q88, 48; 4Q89, 32
 Sample Scheduling: 3Q88, 39-40; 4Q88, 50; 1Q89, 76; 2Q89, 41-42; 3Q89, 39; 4Q89, 36
 Sample Collection: 3Q86, 31; 4Q86, 38; 1Q87, 40; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 99; 2Q88, 67; 4Q88, 63; 1Q89, 90; 2Q89, 56; 3Q89, 55; 4Q89, 52; 1Q90, 79; 2Q90, 62-63; 3Q90, 72; 4Q90, 72; 1Q91, 33
 Field Notes: 2Q91, 38; 3Q91, 45; 4Q91, 44; 1Q92, 44; 2Q92, 47; 3Q92, 42; 4Q92, 40; 1Q93, 50; 2Q93, 48; 3Q93, 58; 4Q93, 48
 Sample Analysis: 1Q86, 17; 3Q86, 37; 4Q86, 45; 1Q87, 50-51, 55; 3Q87, 51-52; 1Q88, 119, 121; 3Q88, 77-79; 4Q88, 93; 1Q89, 116-118, 132-133, 135, 138; 2Q89, 58-80, 82-84, 86-91, 107-108, 110-112, 114; 3Q89, 58, 68, 93, 96-98; 4Q89, 56; 1Q90, 87-88, 92-94, 96-97; 2Q90, 69, 71, 76; 3Q90, 78, 81, 85-92, 96; 4Q90, 82, 85-87
 Analytical-Data Review: 1Q91, 37-38, 42-46, 60, 62; 2Q91, 45, 49, 52-58; 3Q91, 53, 55-56, 60, 63; 4Q91, 50-55, B-8, C-10; 1Q92, 47, 49-53, 56; 2Q92, 52, 54-55; 3Q92, 48-52, 54, 56; 4Q92, 43-46, 50-51; 1Q93, 52-56, 58-60, 68; 2Q93, 54-57, 61, 62; 3Q93, 65, 67; 4Q93, 52-55
 Quality Control Samples: 1Q90, 105, 113; 2Q90, 91, 102, 104; 3Q90, 111, 123-126; 4Q90, 101, 110; 1Q91, 75, 87-88; 2Q91, 71; 3Q91, 74; 4Q91, 66, 71; 3Q92, 72, 82, 84-85; 4Q92, 63, 72-74; 1Q93, 84, 96, 98, 100; 2Q93, 78, 90, 91, 93, 94; 3Q93, 84, 97, 98, 100; 4Q93, 72, 83-85, 87, 88
 Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

YSB Series

Executive Summary: 3Q86, 6; 4Q86, 5; 1Q87, 7; 3Q88, 5; 1Q89, 7; 3Q89, 7; 4Q89, 6; 1Q90, 9; 2Q90, 7; 3Q90, 8; 4Q90, 7; 1Q91, 9; 2Q91, 6; 3Q91, 9; 4Q91, 6, B-7, C-9; 1Q92, 8; 2Q92, 7; 3Q92, 8; 4Q92, 6; 1Q93, 11; 2Q93, 7; 3Q93, 9; 4Q93, 7

INDEX OF WELL INFORMATION

YSB Series (cont.)

Well Maintenance:	3Q90, 25
Corrections:	1Q89, 21; 3Q89, 12; 1Q90, 17
Sample Scheduling:	3Q88, 39-40; 4Q88, 50; 1Q89, 76; 2Q89, 42; 3Q89, 39; 4Q89, 36
Sample Collection:	3Q86, 31; 4Q86, 38; 1Q87, 40; 2Q87, 35; 3Q87, 40; 4Q87, 41; 1Q88, 99; 2Q88, 67; 3Q88, 50; 4Q88, 63; 1Q89, 90; 4Q89, 52; 1Q90, 80; 2Q90, 63; 3Q90, 72; 4Q90, 72; 1Q91, 33
Field Notes:	2Q91, 38; 4Q91, 44; 1Q92, 44; 2Q92, 47; 3Q92, 42; 4Q92, 40; 2Q93, 48
Sample Analysis:	1Q87, 55; 2Q87, 43; 1Q88, 121; 3Q88, 65-68, 76, 78-79, 81-82; 4Q88, 75-76, 95, 97; 1Q89, 117-118, 135; 2Q89, 58-89, 108, 110-111, 114; 3Q89, 58, 68, 92-93, 95-98; 4Q89, 56, 66-67, 103; 1Q90, 87, 89, 92-94; 2Q90, 69, 75-76; 3Q90, 77, 80, 86, 88-89, 91; 4Q90, 84-87
Analytical-Data Review:	1Q91, 38, 42-44, 49-50, 55-57; 2Q91, 52-54, 56, 58; 3Q91, 53-56, 58-60; 4Q91, 51-54; 1Q92, 49-54; 2Q92, 52-55; 3Q92, 48, 50, 56; 4Q92, 43, 45, 50; 1Q93, 55, 56; 2Q93, 53-55, 57, 61-63; 3Q93, 63, 70; 4Q93, 52-54
Quality Control Samples:	1Q90, 105, 113; 2Q90, 91, 102-105; 3Q90, 111, 124-126; 1Q91, 75, 88-90; 2Q91, 71, 80; 3Q92, 72, 82, 84-85; 4Q92, 63, 72-74; 2Q93, 78, 90, 91, 93, 94; 3Q93, 84, 97, 98, 100; 4Q93, 72, 84, 85, 87, 88
Site Index:	1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

YSC Series

Executive Summary:	2Q90, 5; 3Q90, 5; 4Q90, 5; 1Q91, 6; 2Q91, 4; 3Q91, 6; 4Q91, 4, B-5, C-6; 1Q92, 5; 2Q92, 4; 3Q92, 6; 4Q92, 4; 1Q93, 7; 2Q93, 5; 3Q93, 6; 4Q93, 5
Well Maintenance:	2Q90, 18; 3Q90, 25
Well Construction:	2Q90, 24-27
Well Stabilization:	2Q90, 38-40
Surveying:	3Q89, 35; 2Q90, 44
Sample Collection:	2Q90, 63; 3Q90, 72-73; 4Q90, 72; 1Q91, 33
Field Notes:	2Q91, 27, 39; 3Q91, 33, 45; 4Q91, 29, 44; 1Q92, 45; 2Q92, 47; 3Q92, 42-43; 4Q92, 40; 1Q93, 50; 2Q93, 48; 3Q93, 58; 4Q93, 48
Sample Analysis:	2Q90, 66; 3Q90, 83, 86, 88, 90, 92-94; 4Q90, 77-78, 86-89
Analytical-Data Review:	1Q91, 38, 42, 47, 49-50, 53, 55-56, 60; 2Q91, 52-53, 57; 3Q91, 54-57, 60-63; 4Q91, 50, 52-53, 55; 1Q92, 51, 55; 3Q92, 51; 1Q93, 53, 55-57, 59, 66, 68; 3Q93, 63, 64, 66
Quality Control Samples:	4Q90, 101, 111-112; 1Q91, 75, 89-90; 2Q91, 71, 79-80; 3Q91, 74, 78-79; 4Q91, 66, 71; 3Q92, 72; 1Q93, 84, 98
Water Level Data:	2Q90, 578; 3Q90, 706; 4Q90, 541; 1Q91, 786; 2Q91, 550; 3Q91, 152; 4Q91, 141; 2Q92, 114; 3Q92, 108; 4Q92, 99
Site Index:	1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

Z Series

Executive Summary:	1Q88, 4; 2Q88, 2; 3Q88, 3; 4Q88, 2; 1Q89, 3; 4Q89, 3; 1Q92, 5; 3Q92; 1Q93, 4, 6; 3Q93, 5
Corrections:	1Q87, 9; 1Q89, 13, 15, 17, 21-23
Well Abandonment:	2Q88, 16; 4Q90, 15
Surveying:	2Q86, 14-15
Sample Scheduling:	1Q89, 74; 2Q89, 40; 3Q89, 40; 4Q89, 37

INDEX OF WELL INFORMATION

Z Series (cont.)

Sample Collection: 2Q87, 35; 1Q88, 99; 2Q88, 67; 3Q89, 56; 4Q89, 52; 1Q91, 21, 34
Field Notes: 2Q91, 27, 39; 3Q91, 33; 4Q91, 29-30, 44; 1Q92, 30; 2Q92, 33;
3Q92, 29; 4Q92, 29; 1Q93, 38, 50; 2Q93, 37, 38, 48; 3Q93, 48, 58;
4Q93, 35, 36, 48
Sample Analysis: 2Q88, 86; 3Q88, 83; 1Q89, 139; 3Q89, 90; 3Q90, 97
Analytical-Data Review: 1Q91, 45; 1Q93, 55, 61
Water Level Data: 1Q93, 147, 148; 2Q93, 136, 137; 3Q93, 154; 4Q93, 151
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

ZBG Series

Executive Summary: 4Q88, 4; 2Q90, 5; 3Q90, 6; 3Q92, 6; 1Q93, 7; 2Q93, 5; 4Q93, 5
Corrections: 4Q87, 8; 1Q88, 11; 1Q89, 24
Well Abandonment: 2Q87, 11
Well Maintenance: 2Q88, 19; 3Q89, 16; 3Q90, 25
Well Construction: 2Q87, 21-22
Well Stabilization: 2Q87, 23; 1Q89, 68
Surveying: 2Q87, 24
Sample Scheduling: 4Q87, 29; 1Q88, 84; 2Q88, 52; 3Q88, 40; 1Q89, 74; 2Q89, 41; 3Q89, 41; 4Q89, 37
Sample Collection: 2Q87, 35; 3Q87, 40; 4Q87, 42; 1Q88, 99; 2Q88, 67; 1Q89, 90; 2Q89, 56; 4Q89, 52; 1Q90, 80; 2Q90, 63; 1Q91, 21, 34
Field Notes: 2Q91, 27, 39; 3Q91, 33, 46; 4Q91, 29; 1Q92, 29, 45; 2Q92, 33, 47;
3Q92, 29, 43; 4Q92, 29, 40; 1Q93, 37; 2Q93, 37, 38; 3Q93, 47, 48;
4Q93, 35, 36
Sample Analysis: 3Q87, 52; 2Q88, 77, 85, 89, 93; 4Q88, 76-77, 93-94, 97-98; 2Q89, 107-108; 3Q89, 91, 99; 4Q89, 56; 1Q90, 88; 2Q90, 68, 72; 3Q90, 77, 80, 96; 4Q90, 76-77
Analytical-Data Review: 1Q91, 45, 60; 3Q91, 54-55, 58; 4Q91, 47, 53-54; 1Q92, 53; 3Q92, 47, 56, 58; 1Q93, 59, 60, 63, 73; 2Q93, 52, 62; 3Q93, 64
Quality Control Samples: 1Q90, 105; 2Q90, 91, 102-105; 3Q90, 111; 4Q90, 111; 3Q91, 74; 4Q91, 66, 71; 1Q92, 83; 3Q92, 72, 83-84; 2Q93, 78, 91, 92; 4Q93, 72
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

ZDT Series

Executive Summary: 1Q88, 1, 6; 2Q88, 4; 3Q88, 4; 4Q88, 4; 1Q89, 5; 2Q89, 5; 3Q89, 5; 1Q90, 6; 3Q90, 6; 1Q91, 6; 3Q91, 6; 4Q91, C-6; 1Q92, 5; 3Q92, 6
Corrections: 1Q89, 14, 19, 24; 1Q93, 7; 2Q93, 5; 3Q93, 7
Well Construction: 1Q88, 51
Well Stabilization: 1Q88, 78
Surveying: 4Q88, 48; 1Q89, 72
Sample Scheduling: 3Q89, 41
Sample Collection: 1Q88, 99; 2Q88, 67; 1Q91, 34
Field Notes: 3Q91, 46; 4Q91, 44; 1Q92, 45; 2Q92, 47
Sample Analysis: 3Q88, 66-67; 4Q88, 77-78, 97-98; 2Q89, 107; 1Q90, 86, 88; 3Q90, 76
Analytical-Data Review: 1Q91, 38, 43; 3Q92, 54; 1Q93, 52, 58-60, 65-71; 2Q93, 52, 54
Quality Control Samples: 3Q92, 72; 1Q93, 84, 98, 99
Site Index: 1Q93, 151; 2Q93, 141; 3Q93, 157; 4Q93, 155

INDEX OF WELL INFORMATION

ZW Series

Executive Summary: 1Q88, 4; 2Q88, 2; 3Q88, 3; 1Q89, 3; 2Q89, 3; 3Q89, 3; 4Q89, 3;
1Q90, 4; 3Q90, 4; 4Q90, 3; 1Q91, 3; 3Q91, 4, 5; 4Q91, C-4, C-6;
3Q92, 4; 1Q93, 4, 6; 2Q93, 3, 4; 3Q93, 5
Corrections: 1Q89, 13, 17, 21, 23; 4Q89, 9
Well Maintenance: 3Q86, 14
Surveying: 2Q86, 14-15
Sample Collection: 2Q87, 35; 1Q88, 99; 2Q88, 67; 1Q91, 21, 34
Field Notes: 2Q91, 39; 3Q91, 33; 4Q91, 29; 3Q92, 43; 4Q92, 29, 40; 1Q93, 37, 50;
2Q93, 37, 38, 49; 3Q93, 47, 48, 59; 4Q93, 35, 36, 48
Sample Analysis: 1Q88, 124; 2Q88, 86; 3Q88, 83; 1Q89, 139; 3Q89, 92-93, 99
Analytical-Data Review: 1Q91, 47; 3Q91, 61; 1Q92, 52; 1Q93, 52, 54-57, 61, 62; 2Q93, 57;
3Q93, 64, 66
Quality Control Samples: 1Q93, 96
Site Index: 1Q93, 152; 2Q93, 142; 3Q93, 158; 4Q93, 156

241-H Series

Executive Summary: 3Q87, 5; 4Q87, 4; 1Q88, 6; 2Q88, 4; 1Q90, 5
Corrections: 2Q88, 11; 1Q89, 13
Sample Collection: 2Q87, 35; 3Q87, 40; 4Q87, 42; 1Q88, 99; 2Q88, 67; 4Q89, 53; 2Q90,
63; 3Q90, 73; 1Q91, 34
Sample Analysis: 2Q87, 44; 2Q88, 85; 4Q89, 105
Analytical-Data Review: 1Q91, 64; 3Q91, 65

905 Series

Field Notes: 2Q91, 27; 3Q91, 34

Notes

APPENDIX A

AREA MAPS

The following maps show the relation of wells to one another, the relation of wells to sites and facilities, and the location of EPD/EMS wells. These maps, prepared in AutoCAD® by Exploration Resources, Inc., of Athens, Georgia, are updated and revised with each new publication of the Well Inventory. Disk and hard copies are available from EPD/EMS.

All maps indicate coordinates in latitude and longitude and in universal transverse mercator grid (UTM N and UTM E), zone 17.

The symbols for well clusters and types of wells are in the legend for each map. Wells in a series may appear on more than one map.

Figure A-1. Georgia and South Carolina counties, cities, highways, and area wells surrounding Savannah River Site

Figure A-2. Savannah River Site; the AIK, ALL, and BRN County Production Wells outside the SRS boundaries; the GBW 1 Well, P Wells, PBE Wells, PW Production Wells, SSS Wells and the DOM, LCP, and the VSC Well Series at the Savannah River Site

Figure A-3. General Separations Area (E, F, H, S, and Y Areas) and nearby wells

Figure A-4. Wells at and near the F-Area Canyon Building, the F-Area Tank Farm, the Naval Fuel Material Facility, the Acid/Caustic Basin, the Coal Pile Runoff Containment Basin, the Old Seepage Basin, and the Burning/Rubble Pits

Figure A-5. Wells at and near the F-Area Seepage Basins, the Effluent Treatment Cooling Water Basin, the F-Area Sludge Land Application Site, and the New Retention Basin

Figure A-6. Wells at and near the Hazardous Waste/Mixed Waste Disposal Facility and the northern half of the E-Area Vaults

Figure A-8. Abandoned wells at and near the northern part of the Old Burial Ground, the E-Area Vaults, the Mixed Waste Management Facility, and the Solid Waste Disposal Facility

Figure A-10. Abandoned wells at and near the H-Area Seepage Basins and the southern part of the Old Burial Ground

Figure A-11. H Area and nearby wells

Figure A-12. Wells at and near the H-Area Tank Farm, the Canyon Building, the Acid/Caustic Basin, and the A Line

Figure A-14. Wells in and near Y and Z Areas

Figure A-15. A and M Areas, Lost Lake, Silverton Road Waste Site, and nearby wells

Figure A-16. Wells in the northern part of A Area

Figure A-17. Wells in and near A Area

Figure A-18. Wells at and near Lost Lake.

Figure A-19. Wells at the Silverton Road Waste Site

Figure A-20. Wells south of M Area at the Metals Burning Pit, the Miscellaneous Chemical Basin, the Burning/Rubble Pits and the Ash Pile

Figure A-21. C and N (Central Shops) Areas and nearby wells

Figure A-22. Wells in and near C Area

Figure A-23. Wells in and near N Area (Central Shops)

Figure A-24. Wells at the Reactor Spent Fuel Site

Figure A-25. Wells at the Chemicals, Metals, and Pesticides Pits

Figure A-26. K and L Areas and nearby wells

Figure A-27. Wells in and near K Area

Figure A-28. Wells in and near L Area

Figure A-29. Wells at the Interim Waste Technology Sites P and Q and at the Kato Road and the Lower Kato Road Sewage Sludge Application Sites

Figure A-30. Wells at the Sanitary Landfill

Figure A-31. D and TNX Areas and nearby wells

Figure A-32. Wells in and near the TNX Area

Figure A-33. Wells in and near D Area

Figure A-34. Wells at the Interim Waste Technology Waste Site B/Proposed Sanitary Landfill Site and the Potential Hazardous Waste/Mixed Waste Disposal Facility

Figure A-35. R Area and nearby wells

Figure A-36. Wells in and near R Area

Figure A-37. Wells at the R-Area Reactor Seepage Basins and the Disassembly Basin

Figure A-38. P Area and nearby wells

Figure A-39. Wells in and near P Area