Savannah River
Nuclear Solutions, LLC
A Fluor Daniel Partnership

**INTEROFFICE MEMORANDUM**

SRNS-P3000-2010-00076

February 2, 2010

TO: ACP DCC, 730-4B

FROM: R. W. WEIGEL, 707-11B RWW

**AREA COMPLETION PROJECTS 2009 RCRA/CERCLA DETERMINATIONS**

The enclosed document SRNS-RP-2010-00173, Rev. 0 includes the calendar year 2009 determinations for RCRA listed/non listed waste or CERCLA/non CERCLA waste made by ACP Environmental Compliance Authorities (ECAs) for ACP wells, ERDMS station IDs, or Site Evaluation Areas. Determinations were made for Waste Units, however, only the waste units that contain RCRA listed waste are included in this report. This report is a requirement in Procedure ER-AP-183 to be completed as needed, or at least once per year by February 1st of the following year.

The Attachment 1 List of Non Conformance Wells were all entered into ERDMS and verified. However, only some of the locations included in the Attachment 2 list were found in ERDMS (e.g. the well has not been installed yet). Therefore, many were not able to be entered.

It is essential to contact the ECAs for determinations involving waste management decisions, containerization decisions, or for any other reason when a location (e.g. well) is not found in ERDMS.

RWW:cks

Enclosure:

1. SRNS-RP-2010-00173, Rev. 0

c: G. F. Hayford, 730-4B
L. C. Martin, 705-3C
S. L. McFalls, 730-4B
C. P. Hopkins, 707-1B
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SRNS-RP-2010-00173, Rev. 0
February 2, 2010

# AREA
# COMPLETION PROJECTS
# 2009 RCRA/CERCLA DETERMINATIONS

Enclosure

Attachment 1. List of Non Conformance Wells with decisions made by ECAs
Attachment 2. List of wells with decisions made by ECAs
Attachment 3. Attachment 1 of ER-AP-183
Attachment 4. Waste Units that contain listed RCRA waste
Attachment 5. E-Mail, R. Weigel to distribution, 12/3/2009

## Attachment 1: NCR Well Listing

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| ABS 2B | ABS 2B | | MONITORING WELL | MAML | RS | Yes | No | 11/17/2009 | LC | 11/17/2009 |
| ABS 3B | ABS 3B | | INJECTION WELL | MAML | RS | Yes | No | 11/17/2009 | LC | 11/17/2009 |
| ABS 4B | ABS 4B | | INJECTION WELL | MAML | RS | Yes | No | 11/17/2009 | LC | 11/17/2009 |
| ABS 7B | ABS 7B | | INJECTION WELL | MAML | RS | Yes | No | 11/17/2009 | LC | 11/17/2009 |
| ABS 10B | ABS 10B | | INJECTION WELL | MAML | RS | Yes | No | 11/17/2009 | LC | 11/17/2009 |
| ABV-01 | ABV-01 | | VADOSE ZONE EXTRACTION WELL | ABRP/MCB/MBP OU | SR | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AHT-05 | AHT-05 | | VADOSE ZONE EXTRACTION WELL | ABRP/MCB/MBP OU | SR | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 1 | AS 1 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 2 | AS 2 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 5 | AS 5 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 6 | AS 6 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 7 | AS 7 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 8 | AS 8 | | INJECTION WELL | CBRP | KM | Yes | No | 9/29/2009 | LQ | 10/7/2009 |
| AS 9 | AS 9 | | INJECTION WELL | CBRP | KM | Yes | No | 9/29/2009 | LQ | 10/7/2009 |
| AS 10 | AS 10 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 11 | AS 11 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 12 | AS 12 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 13 | AS 13 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 14 | AS 14 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 15 | AS 15 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 16 | AS 16 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| AS 17 | AS 17 | | INJECTION WELL | CBRP | KM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| ASH-06 | ASH-06 | | VADOSE ZONE EXTRACTION WELL | ABRP/MCB/MBP OU | SR | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| CBS 1 | CBS 1 | | PIEZOMETER WELL | Crouch Branch | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| CBS 2 | CBS 2 | | PIEZOMETER WELL | Crouch Branch | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| CBS 3 | CBS 3 | | PIEZOMETER WELL | Crouch Branch | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| CDB 1 | CDB 1 | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CDB 2 | CDB 2 | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CMP058B | CMP058B | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/1/2009 | LQ | 10/7/2009 |
| CMP059C | CMP059C | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP060B | CMP060B | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP061B | CMP061B | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP062B | CMP062B | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP062C | CMP062C | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP062D | CMP062D | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP063B | CMP063B | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP063C | CMP063C | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CMP063D | CMP063D | | MONITORING WELL | CMP PITS | KM | Yes | Yes | 10/15/2009 | LC | 10/26/2009 |
| CRP022A | CRP022A | | MONITORING WELL | CBRP | KM | Yes | No | 11/10/2009 | LC | 11/12/2009 |
| CRW 1A | CRW 1A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |

## Attachment 1: NCR Well Listing

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| CRW 1D | CRW 1D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 2A | CRW 2A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 2D | CRW 2D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 3A | CRW 3A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 3C | CRW 3C | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 3D | CRW 3D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 4A | CRW 4A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 4C | CRW 4C | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 5A | CRW 5A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 5D | CRW 5D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 6A | CRW 6A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 7A | CRW 7A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 7D | CRW 7D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 8A | CRW 8A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 8D | CRW 8D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 9A | CRW 9A | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 10A | CRW 10A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 10C | CRW 10C | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 11A | CRW 11A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 11D | CRW 11D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 12A | CRW 12A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 12C | CRW 12C | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 12D | CRW 12D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 13A | CRW 13A | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 14A | CRW 14A | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 15A | CRW 15A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 15C | CRW 15C | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 15D | CRW 15D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 16A | CRW 16A | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 16D | CRW 16D | | ML MONITOR WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 17A | CRW 17A | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 18T | CRW 18T | | TEMP WELL - PLUGGED | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW 19T | CRW 19T | | TEMP WELL - PLUGGED | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| CRW010CU | CRW010CU | | MONITORING WELL | CBRP | KM | Yes | No | 11/10/2009 | LC | 11/12/2009 |
| CRW020D | CRW020D | | MONITORING WELL | C-Rx Groundwater | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| DAP 1 | DAP 1 | | TEMP WELL | D Area GW | LW | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| DAP 2 | DAP 2 | | TEMP WELL | D Area GW | LW | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| DCB027D | DCB027D | | MONITORING WELL | D Area GW | LW | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| DCB072C | DCB072C | | MONITORING WELL | D-Area GW | LW | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| DIW 2 | DIW 2 | | SPECIAL WELL | D-Area Mag Sep Study | LE | No | No | 11/23/2009 | LC | 11/24/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| DIW-P11B | DIW-P11B | | MONITORING WELL | D-Area Mag Sep Study | LE | No | No | 11/23/2009 | LC | 11/24/2009 |
| DRW 1 | DRW 1 | | SPECIAL WELL | D Area GW | LW | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| DWP 1 | DWP 1 | | PIEZOMETER WELL | D-Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP 2 | DWP 2 | | PIEZOMETER WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP 3 | DWP 3 | | PIEZOMETER WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP 6 | DWP 6 | | PIEZOMETER WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP 7 | DWP 7 | | PIEZOMETER WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP 8 | DWP 8 | | PIEZOMETER WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP 9 | DWP 9 | | PIEZOMETER WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP003A | DWP003A | | MONITORING WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| DWP009A | DWP009A | | MONITORING WELL | D Area GW | LW | Yes | No | 11/13/2009 | LC | 11/16/2009 |
| FAB 1 | FAB 1 | | MONITORING WELL | 288-1F Ash Basin | SS | Yes | No | 11/23/2009 | LC | 11/24/2009 |
| FAB 2 | FAB 2 | | MONITORING WELL | MWMF-NEP | LW | No | No | 11/6/2009 | LC | 11/9/2009 |
| FAB 3 | FAB 3 | | MONITORING WELL | 288-1F Ash Basin | SS | Yes | No | 11/23/2009 | LC | 11/24/2009 |
| FAB 4 | FAB 4 | | MONITORING WELL | 288-1F Ash Basin | SS | Yes | No | 11/23/2009 | LC | 11/24/2009 |
| FAB 5C | FAB 5C | | MONITORING WELL | 288-F Ash Basin | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FAB 6C | FAB 6C | | MONITORING WELL | 288-F Ash Basin | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FAB 7C | FAB 7C | | MONITORING WELL | 288-F Ash Basin | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FAW005 | FAW005 | | MONITORING WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/29/2009 |
| FBP 12D | FBP-12D | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FET 1D | FET 1D | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| FET 2D | FET 2D | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| FET 3D | FET 3D | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| FET 4D | FET 4D | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| FGW003 C | FGW003 C | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FGW005 C | FGW005 C | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FGW012 C | FGW012 C | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FGW012 D | FGW012 D | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FGW019C | FGW019C | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FGW022C | FGW022C | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FHB 4C | FHB 4C | | MONITORING WELL | MWMF-SWP | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| FHR 1 | FHR 1 | | MONITORING WELL | H-Area HWMF | LW | No | No | 10/26/2009 | LC | 10/29/2009 |
| FHR 2 | FHR 2 | | MONITORING WELL | H-Area HWMF | LW | No | No | 10/26/2009 | LC | 10/29/2009 |
| FHR 3 | FHR 3 | | MONITORING WELL | H-Area HWMF | LW | No | No | 10/26/2009 | LC | 10/29/2009 |
| FPZ 2A | FPZ 2A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 3A | FPZ 3A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 5A | FPZ 5A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 5B | FPZ 5B | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 6A | FPZ 6A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 6B | FPZ 6B | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| FPZ 7A | FPZ 7A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 7B | FPZ 7B | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 8A | FPZ 8A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FPZ 8B | FPZ 8B | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FSB125DR | FSB125DR | | MONITORING WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FSP 2A | FSP 2A | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FSP 2B | FSP 2B | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FSP 2C | FSP 2C | | MONITORING WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FSP249B | FSP249B | | PIEZOMETER WELL | F-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| FTF 1 | FTF 1 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 2 | FTF 2 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 3 | FTF 3 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 4 | FTF 4 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 5 | FTF 5 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 6 | FTF 6 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 7 | FTF 7 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 8 | FTF 8 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 9 | FTF 9 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 10 | FTF 10 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 11 | FTF 11 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 12 | FTF 12 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 13 | FTF 13 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 14 | FTF 14 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 15 | FTF 15 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 16 | FTF 16 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 17 | FTF 17 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 18 | FTF 18 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 19 | FTF 19 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 20 | FTF 20 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 21 | FTF 21 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 22 | FTF 22 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 23 | FTF 23 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 24A | FTF 24A | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 25A | FTF 25A | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 26 | FTF 26 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 27 | FTF 27 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| FTF 28 | FTF 28 | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| FTF 29 | FTF 29 | | MONITORING WELL | F-Area Tank Farm | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| H 8 | H 8 | | MONITORING WELL | Near H-Area Seepage Basin | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HAA016D | HAA016D | | MONITORING WELL | GSAEGWOU | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |

## Attachment 1: NCR Well Listing

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| HET 1D | HET 1D | | MONITORING WELL | Effluent Treatment Facility | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HET 2D | HET 2D | | MONITORING WELL | Effluent Treatment Facility | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HET 3D | HET 3D | | MONITORING WELL | Effluent Treatment Facility | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HET 4D | HET 4D | | MONITORING WELL | Effluent Treatment Facility | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HGW 1D | HGW 1D | | MONITORING WELL | GSAEGWOU | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| HGW 2D | HGW 2D | | MONITORING WELL | GSAEGWOU | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| HGW 3A | HGW 3A | | MONITORING WELL | GSAEGWOU | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| HGW 3D | HGW 3D | | MONITORING WELL | GSAEGWOU | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| HGW 4D | HGW 4D | | MONITORING WELL | GSAEGWOU | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 1A | HPZ 1A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 2A | HPZ 2A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 3A | HPZ 3A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 3B | HPZ 3B | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 4A | HPZ 4A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 5A | HPZ 5A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 5B | HPZ 5B | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 6A | HPZ 6A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HPZ 6AR | HPZ 6AR | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HSP 60A | HSP 60A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HSP 60B | HSP 60B | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HSP 76A | HSP 76A | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HSP 76B | HSP 76B | | PIEZOMETER WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HSP 76C | HSP 76C | | MONITORING WELL | H-Area HWMF | LW | No | No | 10/15/2009 | LC | 10/20/2009 |
| HTF 1 | HTF 1 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 2 | HTF 2 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 3 | HTF 3 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 4 | HTF 4 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 5 | HTF 5 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 6 | HTF 6 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 7 | HTF 7 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 8 | HTF 8 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 9 | HTF 9 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 10 | HTF 10 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 11 | HTF 11 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 12D | HTF 12D | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 13 | HTF 13 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 14 | HTF 14 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 15D | HTF 15D | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 17 | HTF 17 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 18 | HTF 18 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| HTF 19 | HTF 19 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 20 | HTF 20 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 21 | HTF 21 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 22 | HTF 22 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 23 | HTF 23 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 24 | HTF 24 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 25 | HTF 25 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 26 | HTF 26 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 27 | HTF 27 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 28 | HTF 28 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 29 | HTF 29 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 31 | HTF 31 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 32 | HTF 32 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| HTF 34 | HTF 34 | | MONITORING WELL | H-Area Tank Farm | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| IP-2 | IP-2 | | INJECTION WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| JBS001A | JBS001A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS001B | JBS001B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS002A | JBS002A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS002B | JBS002B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS003A | JBS003A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS003B | JBS003B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS004A | JBS004A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS004B | JBS004B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS005A | JBS005A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| JBS005B | JBS005B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| LDB 1 | LDB 1 | | MONITORING WELL | L-AREA SGW | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| LDB 2 | LDB 2 | | MONITORING WELL | L-AREA SGW | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| LDB 3 | LDB 3 | | MONITORING WELL | L-AREA SGW | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| LDB 4 | LDB 4 | | MONITORING WELL | L-AREA SGW | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| LFP 1WP | LFP 1WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 2WP | LFP 2WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 3WP | LFP 3WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 4WP | LFP 4WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 5WP | LFP 5WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 6WP | LFP 6WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 7WP | LFP 7WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 9WP | LFP 9WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 10WP | LFP 10WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 11WP | LFP 11WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 12WP | LFP 12WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operabls Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| LFP 13WP | LFP 13WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LFP 14WP | LFP 14WP | SPAU | MONITORING WELL | SLF | RS | No | Yes | 10/15/2009 | LC | 10/29/2009 |
| LNG001DL | LNG001DL | | MONITORING WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| LNG002DL | LNG002DL | | MONITORING WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| LNG003WP | LNG003WP | | MONITORING WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| LNG004C | LNG004C | | MONITORING WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| LNG004DL | LNG004DL | | MONITORING WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MCS001A | MCS001A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MCS001B | MCS001B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MCS002A | MCS002A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MCS002B | MCS002B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MCS003A | MCS003A | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MCS003B | MCS003B | | WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| MSB 91TB1 | MSB 91TB1 | CBAU | ML AUXILLARY WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB 91TB3 | MSB 91TB3 | CBAU | ML AUXILLARY WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB 91TB4 | MSB 91TB4 | CBAU | ML AUXILLARY WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB021TB | MSB021TB | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB021TC | MSB021TC | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB030TB | MSB030TB | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB030TC | MSB030TC | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB075TA | MSB075TA | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB075TB | MSB075TB | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB075TC | MSB075TC | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB100TA | MSB100TA | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB100TB | MSB100TB | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB100TC | MSB100TC | CBAU | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB101A | MSB101A | | MONITORING WELL | MAML | RS | No | Yes | 9/28/2009 | LC | 10/26/2009 |
| MSB101B | MSB101B | LLLAZ | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| MSB101C | MSB101C | ULLAZ | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| MSB102A | MSB102A | MSAZ_CBCU | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| MSB102B | MSB102B | LLLAZ | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| MSB102C | MSB102C | ULLAZ | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| MSB102TA | MSB102TA | CBAU | MONITORING WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB103A | MSB103A | LLLAZ | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| MSB103C | MSB103C | ULLAZ | MONITORING WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB104B | MSB104B | | MONITORING WELL | MAML | RS | No | Yes | 9/28/2009 | LC | 10/26/2009 |
| MSB104C | MSB104C | ULLAZ | MONITORING WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| MSB104TA | MSB104TA | CBAU | MONITORING WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| NEB 9C | NEB 9C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 9DB | NEB 9DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| NEB 10C | NEB 10C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 10DB | NEB 10DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 11C | NEB 11C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 11DB | NEB 11DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 12D | NEB 12D | | PIEZOMETER WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 13D | NEB 13D | | PIEZOMETER WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 14D | NEB 14D | | PIEZOMETER WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 15D | NEB 15D | | PIEZOMETER WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 16D | NEB 16D | | PIEZOMETER WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 17C | NEB 17C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 17DB | NEB 17DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 17DL | NEB 17DL | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 17DU | NEB 17DU | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 18DB | NEB 18DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 18DL | NEB 18DL | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 18DU | NEB 18DU | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 19C | NEB 19C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 19DB | NEB 19DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 19DL | NEB 19DL | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 19DU | NEB 19DU | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 20C | NEB 20C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 20DB | NEB 20DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 20DL | NEB 20DL | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 20DU | NEB 20DU | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 21C | NEB 21C | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 21DB | NEB 21DB | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 21DL | NEB 21DL | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NEB 21DU | NEB 21DU | | MONITORING WELL | CSBRP (5G) & HEWB | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NOT 1 | NOT 1 | | MONITORING WELL | SRL Oil Test Site | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NOT 2 | NOT 2 | | MONITORING WELL | SRL Oil Test Site | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| NOT 3 | NOT 3 | | MONITORING WELL | SRL Oil Test Site | SM | Yes | No | 11/24/2009 | LC | 11/24/2009 |
| P 20B | P 20B | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| P 20C | P 20C | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| P 20D | P 20D | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| P002L | P002L | | TEMP PZ WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| P002U | P002U | | TEMP PZ WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| P003L | P003L | | TEMP PZ WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| P003U | P003U | | TEMP PZ WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PDB 2 | PDB 2 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PDB 3 | PDB 3 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |

## Attachment 1: NCR Well Listing

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| PDB 4 | PDB 4 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PDB 5 | PDB 5 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW014 A | PGW014 A | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW014 B | PGW014 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW014 C | PGW014 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW014DU | PGW014DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW016 B | PGW016 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW016 C | PGW016 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW016DU | PGW016DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW017 B | PGW017 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW017 C | PGW017 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW017DU | PGW017DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW018 B | PGW018 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW018 C | PGW018 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW018DU | PGW018DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW019 B | PGW019 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW019 C | PGW019 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW019DU | PGW019DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW020 B | PGW020 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW020 C | PGW020 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW020DU | PGW020DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW021 B | PGW021 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW021 C | PGW021 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW021DU | PGW021DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW022 B | PGW022 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW022 C | PGW022 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW022DU | PGW022DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW023 B | PGW023 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW023 C | PGW023 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW023DU | PGW023DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW024 A | PGW024 A | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW024 B | PGW024 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW024 C | PGW024 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW024DU | PGW024DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW025 A | PGW025 A | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW025 B | PGW025 B | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW025 C | PGW025 C | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PGW025DU | PGW025DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PMP008DL | PMP008DL | | PIEZOMETER WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| PMW001DL | PMW001DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |

## Attachment 1: NCR Well Listing

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| PMW002DL | PMW002DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| PMW003DL | PMW003DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| PMW004DL | PMW004DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| PMW005DL | PMW005DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| PMW006DL | PMW006DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 9/25/2009 | LQ | 9/28/2009 |
| PMW-1 | PMW-1 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PMW-2 | PMW-2 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PMW-3 | PMW-3 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PMW-4 | PMW-4 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PMW-5 | PMW-5 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PMW-6 | PMW-6 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PMW-7 | PMW-7 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 11/24/2009 | LC | 11/30/2009 |
| PW 20A | PW 20A | CBAU | PRODUCTION WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| PW 53A | PW 53A | CBAU | PRODUCTION WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| PW 82A | PW 82A | | PRODUCTION WELL | MAML | RS | No | Yes | 9/28/2009 | LC | 10/26/2009 |
| RAM009C | RAM009C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RCC001C | RCC001C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RCL005C | RCL005C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RCP 1A | RCP 1A | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RCP 1D | RCP 1D | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RCP005C | RCP005C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RCS003C | RCS003C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 9/14/2009 | LQ | 9/21/2009 |
| RDB 1D | RDB 1D | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 9/14/2009 | LQ | 9/21/2009 |
| RDB 2D | RDB 2D | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RDB 3D | RDB 3D | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RDB 005C | RDB005C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RDB 010C | RDB010C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RGW 3C | RGW 3C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RGW 3D | RGW 3D | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RGW 8C | RGW 8C | | PIEZOMETER WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RGW 8D | RGW 8D | | PIEZOMETER WELL | L-AREA NGW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RGW 13D | RGW 13D | | PIEZOMETER WELL | K-AREA RX GW | SM | Yes | No | 11/24/2009 | LC | 11/30/2009 |
| RIC004C | RIC004C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RPH010C | RPH010C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RPS004C | RPS004C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 9/14/2009 | LQ | 9/21/2009 |
| RPS009C | RPS009C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RSD002DU | RSD002DU | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RWT003C | RWT003C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 9/14/2009 | LQ | 9/21/2009 |
| SBG-6 | SBG-6 | | MONITORING WELL | S Area | DW | No | No | 11/24/2009 | LC | 11/24/2009 |
| SEP001MD | SEP001MD | | MONITORING WELL | MWMF-SEP | LW | No | No | 10/26/2009 | LC | 10/27/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| SEP002B | SEP002B | | MONITORING WELL | MWMF-SEP | LW | No | No | 10/26/2009 | LC | 10/27/2009 |
| SEP002D | SEP002D | | MONITORING WELL | MWMF-SEP | LW | No | No | 10/26/2009 | LC | 10/27/2009 |
| SEP003CL | SEP003CL | | MONITORING WELL | MWMF-SEP | LW | No | No | 10/26/2009 | LC | 10/27/2009 |
| SEP003CU | SEP003CU | | MONITORING WELL | MWMF-SEP | LW | No | No | 10/26/2009 | LC | 10/27/2009 |
| SSL020B | SSL020B | MSAZ CBCU | MONITORING WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| SSL030B | SSL030B | | MONITORING WELL | MAML | RS | No | Yes | 9/25/2009 | LC | 10/26/2009 |
| SSM011A | SSM011A | MSAZ CBCU | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSM019B | SSM019B | LLLAZ | ML MONITOR WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSM019C | SSM019C | ULLAZ | ML MONITOR WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSM019D | SSM019D | MAAZ | MONITORING WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| SSM020A | SSM020A | MSAZ CBCU | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSM020B | SSM020B | LLLAZ | ML MONITOR WELL | MAML | RS | No | No | 10/15/2009 | LC | 10/20/2009 |
| SSM020C | SSM020C | ULLAZ | ML MONITOR WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSM021B | SSM021B | | MONITORING WELL | MAML | RS | No | Yes | 9/28/2009 | LC | 10/26/2009 |
| SSM024AL | SSM024AL | | MONITORING WELL | MAML | RS | No | Yes | 9/25/2009 | LC | 10/26/2009 |
| SSM024AU | SSM024AU | | MONITORING WELL | MAML | RS | No | Yes | 9/25/2009 | LC | 10/26/2009 |
| SSM024B | SSM024B | LLLAZ | MONITORING WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSM025AL | SSM025AL | | MONITORING WELL | MAML | RS | No | Yes | 9/25/2009 | LC | 10/26/2009 |
| SSM025TA | SSM025TA | | MONITORING WELL | MAML | RS | No | Yes | 9/25/2009 | LC | 10/26/2009 |
| SSR Series | SSR001C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSR Series | SSR004C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSR Series | SSR005C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSR Series | SSR006C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSR Series | SSR007C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSR Series | SSR008C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| SSR Series | SSR010C | ULLAZ | RECIRC WELL | MAML | RS | No | Yes | 10/15/2009 | LC | 10/27/2009 |
| TVM 1M | TVM 1M | | RECIRC WELL | T-Area OU | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| TVM 2M | TVM 2M | | RECIRC WELL | T-Area OU | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| TVM 3M | TVM 3M | | RECIRC WELL | T-Area OU | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| TVM 4M | TVM 4M | | RECIRC WELL | T-Area OU | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| UTR 1 | UTR 1 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 2 | UTR 2 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 3 | UTR 3 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 4 | UTR 4 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 5 | UTR 5 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 6 | UTR 6 | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR 7 | UTR 7 | | MONITORING WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR 8 | UTR 8 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 9 | UTR 9 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 10 | UTR 10 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |

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| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| UTR 11 | UTR 11 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 12 | UTR 12 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR 13 | UTR 13 | | MONITORING WELL | Upper Three Runs | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| UTR-014 | UTR-014 | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR-015 | UTR-015 | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR-016 | UTR-016 | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR-017 | UTR-017 | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR018R | UTR018R | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR-019 | UTR-019 | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| UTR-020 | UTR-020 | | PIEZOMETER WELL | GSAWGW | LW | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| Z 3 | Z 3 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 8 | Z 8 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 9 | Z 9 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 11 | Z 11 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 13 | Z 13 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 15 | Z 15 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 17 | Z 17 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 18 | Z 18 | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 19A | Z 19A | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| Z 20B | Z 20B | | PIEZOMETER WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 2 | ZW 2 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 3 | ZW 3 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 6 | ZW 6 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 7 | ZW 7 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 8 | ZW 8 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 9 | ZW 9 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |
| ZW 10 | ZW 10 | | MONITORING WELL | Separations Areas | DW | No | No | 11/20/2009 | LC | 11/23/2009 |

***Names and Initials***
Shelia McFalls (SM)
Karen Morrow (KM)
Susan Ridgeway (SR)
Roger Szelmeczka (RS)
Leslie Wells (LW)
Lori Quiller (LQ)
Leighanne Clifton (LC)
Dan Wells (DW)
Larry Eldridge (LE)
Stan Smith (SS)

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| BMW001D | BMW001D | | MONITORING WELL | HWCTR | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| BMW002D | BMW002D | | MONITORING WELL | HWCTR | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| BMW003D | BMW003D | | MONITORING WELL | HWCTR | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| BMW004D | BMW004D | | MONITORING WELL | HWCTR | LW | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| DRW 2 | DRW 2 | | MONITORING WELL/SPECIAL WELL | D Area GW | LW | Yes | No | 12/8/2009 | LC | 12/10/2009 |
| IP-1 | IP-1 | | INJECTION WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| IP-3 | IP-3 | | INJECTION WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| IP-4 | IP-4 | | INJECTION WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| IP-5 | IP-5 | | INJECTION WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| LBRP-SP-01 | LBRP-SP-01 | | SEEPLINE | LBRP | KM | Yes | No | 11/16/2009 | LC | 11/17/2009 |
| LBRP-SP-03 | LBRP-SP-03 | | SEEPLINE | LBRP | KM | Yes | No | 11/16/2009 | LC | 11/17/2009 |
| LNSW001 | LNSW001 | | SURFACE WATER | LANGW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| LNSW002 | LNSW002 | | SURFACE WATER | LANGW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| MIP-1C | MIP-1C | | INJECTION WELL | MAML-MACO | RS | No | Yes | 9/24/2009 | LC | 10/29/2009 |
| MOP-1BU | MOP-1BU | | MONITORING WELL | MAML-MACO | RS | No | Yes | 9/24/2009 | LC | 10/29/2009 |
| MOP-1C | MOP-1C | | MONITORING WELL | MAML-MACO | RS | No | Yes | 9/24/2009 | LC | 10/29/2009 |
| MOP-2BL | MOP-2BL | | MONITORING WELL | MAML-MACO | RS | No | Yes | 9/24/2009 | LC | 10/29/2009 |
| MOP-2BU | MOP-2BU | | MONITORING WELL | MAML-MACO | RS | No | Yes | 9/24/2009 | LC | 10/29/2009 |
| MOP-3BU | MOP-3BU | | MONITORING WELL | MAML-MACO | RS | No | Yes | 9/24/2009 | LC | 10/29/2009 |
| PAO 001DU | PAO 001DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PAO 002DL | PAO 002DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PAO 002DU | PAO 002DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PAO 003DU | PAO 003DU | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PMP 001DL | PMP 001DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMP 002DL | PMP 002DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMP 003DL | PMP 003DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMP 004DL | PMP 004DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMP 005DL | PMP 005DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMP 006DL | PMP 006DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMP 007DL | PMP 007DL | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/2/2009 |
| PMW-10 | PMW-10 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| PMW-11 | PMW-11 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| PMW-12 | PMW-12 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| PMW-13 | PMW-13 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| PMW-14 | PMW-14 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| PMW-8 | PMW-8 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| PMW-9 | PMW-9 | | MONITORING WELL | F-Area Seepage Basin | LW | No | No | 12/8/2009 | | |
| POS 4 | POS 4 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| POS 5 | POS 5 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| POS 6 | POS 6 | | MONITORING WELL | PAOU/P-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| PRGW-001 | PRGW-001 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-002 | PRGW-002 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| PRGW-003 | PRGW-003 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-004 | PRGW-004 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-005 | PRGW-005 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-006 | PRGW-006 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-007 | PRGW-007 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-008 | PRGW-008 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-009 | PRGW-009 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-010 | PRGW-010 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-011 | PRGW-011 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-012 | PRGW-012 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-013 | PRGW-013 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-014 | PRGW-014 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-015 | PRGW-015 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-016 | PRGW-016 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-017 | PRGW-017 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-018 | PRGW-018 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-019 | PRGW-019 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-020 | PRGW-020 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-021 | PRGW-021 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-022 | PRGW-022 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-023 | PRGW-023 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-024 | PRGW-024 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-025 | PRGW-025 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-026 | PRGW-026 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-027 | PRGW-027 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-028 | PRGW-028 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-029 | PRGW-029 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-030 | PRGW-030 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-031 | PRGW-031 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-032 | PRGW-032 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-033 | PRGW-033 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-034 | PRGW-034 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-035 | PRGW-035 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-036 | PRGW-036 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-037 | PRGW-037 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-038 | PRGW-038 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-039 | PRGW-039 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-040 | PRGW-040 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-041 | PRGW-041 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-042 | PRGW-042 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-043 | PRGW-043 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-044 | PRGW-044 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information Into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| PRGW-045 | PRGW-045 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-046 | PRGW-046 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-047 | PRGW-047 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-048 | PRGW-048 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-049 | PRGW-049 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-050 | PRGW-050 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-051 | PRGW-051 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-052 | PRGW-052 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-053 | PRGW-053 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-054 | PRGW-054 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-055 | PRGW-055 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-056 | PRGW-056 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-057 | PRGW-057 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-058 | PRGW-058 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-059 | PRGW-059 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-060 | PRGW-060 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-061 | PRGW-061 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-062 | PRGW-062 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-063 | PRGW-063 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-064 | PRGW-064 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-065 | PRGW-065 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-066 | PRGW-066 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-067 | PRGW-067 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-068 | PRGW-068 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-069 | PRGW-069 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-070 | PRGW-070 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-071 | PRGW-071 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-072 | PRGW-072 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-073 | PRGW-073 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-074 | PRGW-074 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-075 | PRGW-075 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-076 | PRGW-076 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-077 | PRGW-077 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-078 | PRGW-078 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-079 | PRGW-079 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-080 | PRGW-080 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-081 | PRGW-081 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-082 | PRGW-082 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-083 | PRGW-083 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| PRGW-084 | PRGW-084 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-085 | PRGW-085 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-086 | PRGW-086 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| PRGW-087 | PRGW-087 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-088 | PRGW-088 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-089 | PRGW-089 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-090 | PRGW-090 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-091 | PRGW-091 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-092 | PRGW-092 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-093 | PRGW-093 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-094 | PRGW-094 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-095 | PRGW-095 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-096 | PRGW-096 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-097 | PRGW-097 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-098 | PRGW-098 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-099 | PRGW-099 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-100 | PRGW-100 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-101 | PRGW-101 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-102 | PRGW-102 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-103 | PRGW-103 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-104 | PRGW-104 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-105 | PRGW-105 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-106 | PRGW-106 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-107 | PRGW-107 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-108 | PRGW-108 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-109 | PRGW-109 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-110 | PRGW-110 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-111 | PRGW-111 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PRGW-112 | PRGW-112 | | CPT Groundwater Samples | PAOU/P-AREA GW | SM | Yes | No | 10/28/2009 | | |
| PSE 3A1 | PSE 3A1 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSE 3A10 | PSE 3A10 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A2 | PSE 3A2 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSE 3A3 | PSE 3A3 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A4 | PSE 3A4 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A5 | PSE 3A5 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A6 | PSE 3A6 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A7 | PSE 3A7 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A8 | PSE 3A8 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3A9 | PSE 3A9 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3B1 | PSE 3B1 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSE 3B2 | PSE 3B2 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSE 3B3 | PSE 3B3 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSE 3B4 | PSE 3B4 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSE 3B5 | PSE 3B5 | | SOIL VAPOR EXTRACTION WELL | PAOU | SM | Yes | No | 10/15/2009 | | |
| PSV-3A1A | PSV-3A1A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| PSV-3A1B | PSV-3A1B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A1C | PSV-3A1C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A1D | PSV-3A1D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A2A | PSV-3A2A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A2B | PSV-3A2B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A2C | PSV-3A2C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A2D | PSV-3A2D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A3A | PSV-3A3A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A3B | PSV-3A3B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A3C | PSV-3A3C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A3D | PSV-3A3D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A4A | PSV-3A4A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A4B | PSV-3A4B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A4C | PSV-3A4C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A4D | PSV-3A4D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A5A | PSV-3A5A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A5B | PSV-3A5B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A5C | PSV-3A5C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3A5D | PSV-3A5D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B1A | PSV-3B1A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B1B | PSV-3B1B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B1C | PSV-3B1C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B1D | PSV-3B1D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B2A | PSV-3B2A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B2B | PSV-3B2B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B2C | PSV-3B2C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B2D | PSV-3B2D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B3A | PSV-3B3A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B3B | PSV-3B3B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B3C | PSV-3B3C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B3D | PSV-3B3D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B4A | PSV-3B4A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B4B | PSV-3B4B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B4C | PSV-3B4C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B4D | PSV-3B4D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B5A | PSV-3B5A | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B5B | PSV-3B5B | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B5C | PSV-3B5C | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| PSV-3B5D | PSV-3B5D | | SOIL-GAS IMPLANT | PAOU | SM | Yes | No | 12/3/2009 | LC | 12/7/2009 |
| RAG 002D | RAG 002D | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RAG 003DL | RAG 003DL | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RAG 008B | RAG 008B | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| RAG 008DL | RAG 008DL | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RAG 009DL | RAG 009DL | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/9/2009 |
| RAG 009DU | RAG 009DU | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 11/9/2009 |
| RAG 010DL | RAG 010DL | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RDB 004DL | RDB 004DL | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RGW 13C | RGW 13C | | PIEZOMETER WELL | K-AREA GW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RGW 14C | RGW 14C | | PIEZOMETER WELL | K-AREA GW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RGW 14D | RGW 14D | | PIEZOMETER WELL | K-AREA GW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RGW 17C | RGW 17C | | PIEZOMETER WELL | C-AREA GW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RGW 17D | RGW 17D | | PIEZOMETER WELL | C-AREA GW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RGW 2C | RGW-2C | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| RGW 2D | RGW-2D | | PIEZOMETER WELL | RAOU/R-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| RGW 6C | RGW 6C | | PIEZOMETER WELL | P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| RGW 6D | RGW 6D | | PIEZOMETER WELL | P-AREA GW | SM | Yes | No | 10/28/2009 | LC | 10/29/2009 |
| RGW 9C | RGW 9C | | PIEZOMETER WELL | LASGW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RPC 002DL | RPC 002DL | | MONITORING WELL | RAOU/R-AREA GW | SM | Yes | No | 10/15/2009 | LC | 10/20/2009 |
| RPC 1TZ | RPC 1TZ | | MONITORING WELL | R-AREA GW | SM | Yes | No | 10/28/2009 | LC | 11/9/2009 |
| RPS 014C | RPS 014C | | PIEZOMETER WELL | R-AREA GW | SM | Yes | No | 10/28/2009 | LC | 11/2/2009 |
| RPS 020C | RPS 020C | | PIEZOMETER WELL | R-AREA GW | SM | Yes | No | 10/28/2009 | LC | 11/2/2009 |
| SC 20 | SC 20 | | SURFACE WATER | LASGW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| SC 23 | SC 23 | | SURFACE WATER | LASGW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| SC 24 | SC 24 | | SURFACE WATER | LASGW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| SC 25 | SC 25 | | SURFACE WATER | LASGW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| SC 27 | SC 27 | | SURFACE WATER | LASGW | SM | Yes | No | 12/2/2009 | LC | 12/7/2009 |
| RAG-09-CPT1 | RAG-09-CPT1 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-09-CPT2 | RAG-09-CPT2 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-09-CPT3 | RAG-09-CPT3 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-09-CPT4 | RAG-09-CPT4 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-09-CPT5 | RAG-09-CPT5 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-10-CPT1 | RAG-10-CPT1 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-10-CPT2 | RAG-10-CPT2 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-10-CPT3 | RAG-10-CPT3 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-10-CPT4 | RAG-10-CPT4 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RAG-10-CPT5 | RAG-10-CPT5 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RDB-04-CPT1 | RDB-04-CPT1 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RDB-04-CPT2 | RDB-04-CPT2 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RDB-04-CPT3 | RDB-04-CPT3 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RDB-04-CPT4 | RDB-04-CPT4 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RDB-04-CPT5 | RDB-04-CPT5 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| RDB-04-CPT6 | RDB-04-CPT6 | | CPT Groundwater Samples | R-AREA GW | SM | Yes | No | 12/11/2009 | LC | 12/14/2009 |
| STR002M | STR002M | | PORTS ON M-1 AIR STRIPPER | M-1 Air Stripper | RS | No | Yes | 12/7/2009 | LC | 12/14/2009 |
| STR003T | STR003T | | PORTS ON M-1 AIR STRIPPER | M-1 Air Stripper | RS | No | Yes | 12/7/2009 | LC | 12/14/2009 |

## Attachment 2: Non-NCR Well List

| Well Name | Well | Aquifer Zone | Well_Type | Operable Unit Name | Project Team ECA (Initials) | CERCLA (Yes or No) | RCRA-Listed (Yes or No) | Date Information Provided to WM-ECA | WM-ECA (Initials) | Date WM-ECA Entered Information into ERDMS |
|---|---|---|---|---|---|---|---|---|---|---|
| STR222O | STR222O | | PORTS ON M-1 AIR STRIPPER | M-1 Air Stripper | RS | No | Yes | 12/7/2009 | LC | 12/14/2009 |
| STR312I | STR312I | | INLET PORT PRIOR TO M-1 AIR STRIPPER | M-1 Air Stripper | RS | Yes | Yes | 12/7/2009 | LC | 12/10/2009 |
| STR316O | STR316O | | PORTS ON M-1 AIR STRIPPER | M-1 Air Stripper | RS | No | Yes | 12/7/2009 | | |
| STR401I | STR401I | | INLET PORT PRIOR TO M-1 AIR STRIPPER | M-1 Air Stripper | RS | Yes | Yes | 12/7/2009 | LC | 12/17/2009 |
| TL 04 | TL 04 | | SURFACE WATER | CBRP | KM | Yes | No | 12/16/2009 | LC | 12/17/2009 |
| TL 05 | TL 05 | | SURFACE WATER | CBRP | KM | Yes | No | 12/16/2009 | LC | 12/17/2009 |

**NOTES:**

(1) As of 12/2/2009, PRGW-084 through PRGW-112 have not been installed in the field. These are contingent locations for sampling and will not be entered into ERDMS unless they are installed and sampled. They were listed on the program plan as contingent locations. These locations are highlighted in yellow.

(2) As of 12/2/2009, PSE-3A3 through PSE-3A10 and PSE-3B4 through PSE-3B5 have not been installed. Therefore, the information can not be listed in ERDMS. Once the locations are installed the determination information will be entered into ERDMS.The Information for these locations will be entered once the locations have been installed. These locations are highlighted in yellow.

***Names and Initials***
Shelia McFalls (SM)
Karen Morrow (KM)
Roger Szelmeczka (RS)
Leslie Wells (LW)
Leighanne Clifton (LC)

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Surface Water Station **TL04** (CBRP)

Project Team: UTR/Reactors/C Area Burning Rubble **RCRA** = No

Project ECA: Karen D. Morrow **CERCLA** = Yes

Listing constituents and RCRA Codes: No listing constituents

RCRA listed = no

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The surface water station **TL04** is associated with the C-Area Burning Rubble Pit (CBRP) Operable Unit (per Ref.1 and Ref.2). In EPA and SCDHEC accepted documents, CMI/RAIP (Ref.2) and Record of Decision (Ref.3) for the CBRP, groundwater will not be considered RCRA hazardous (including listed as F-,P-,U-, or K-waste). Specifically, contamination found in the vadose zone is not from a listed RCRA hazardous waste source. Therefore, the surface water location is not considered to be RCRA hazardous. However, this does not preclude waste from being designated as characteristically hazardous.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. References:

[1] Land Use Control Implementation Plan for CBRP OU, WSRC-RP-2008-4050, ~~current~~ Revision ~~revision, January~~ April 2009. dlm 12/16/09

[2] Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) for the CBRP OU (131-C) and Old-CBRP (NBN), WSRC-RP-2008-4051, Revision 1, January 2009.

[3] Record of Decision for Remedial Alternative Selection for the CBRP OU (131-C) and Old-CBRP (NBN), WSRC-RP-2007-4082, Revision 1, May 2008

Preparer: Karen D. Morrow Date: 12/16/09 Checker: Shelia McFalls Date: 12/16/09

Rev/V

ARF # 16359

United States Department of Energy

Savannah River Site

# Land Use Control Implementation Plan for the C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/Rubble Pit (NBN) (U)

**CERCLIS NUMBER: 31**

**WSRC–RP-2008-4050**

**Revision 1.1**

**April 2009**

**Prepared by:**
**Savannah River Nuclear Solutions, LLC**
**Savannah River Site**
**Aiken, SC 29808**

**Prepared for the U. S. Department of Energy Under Contract No. DE-AC09-08SR22470**

Ref. 1

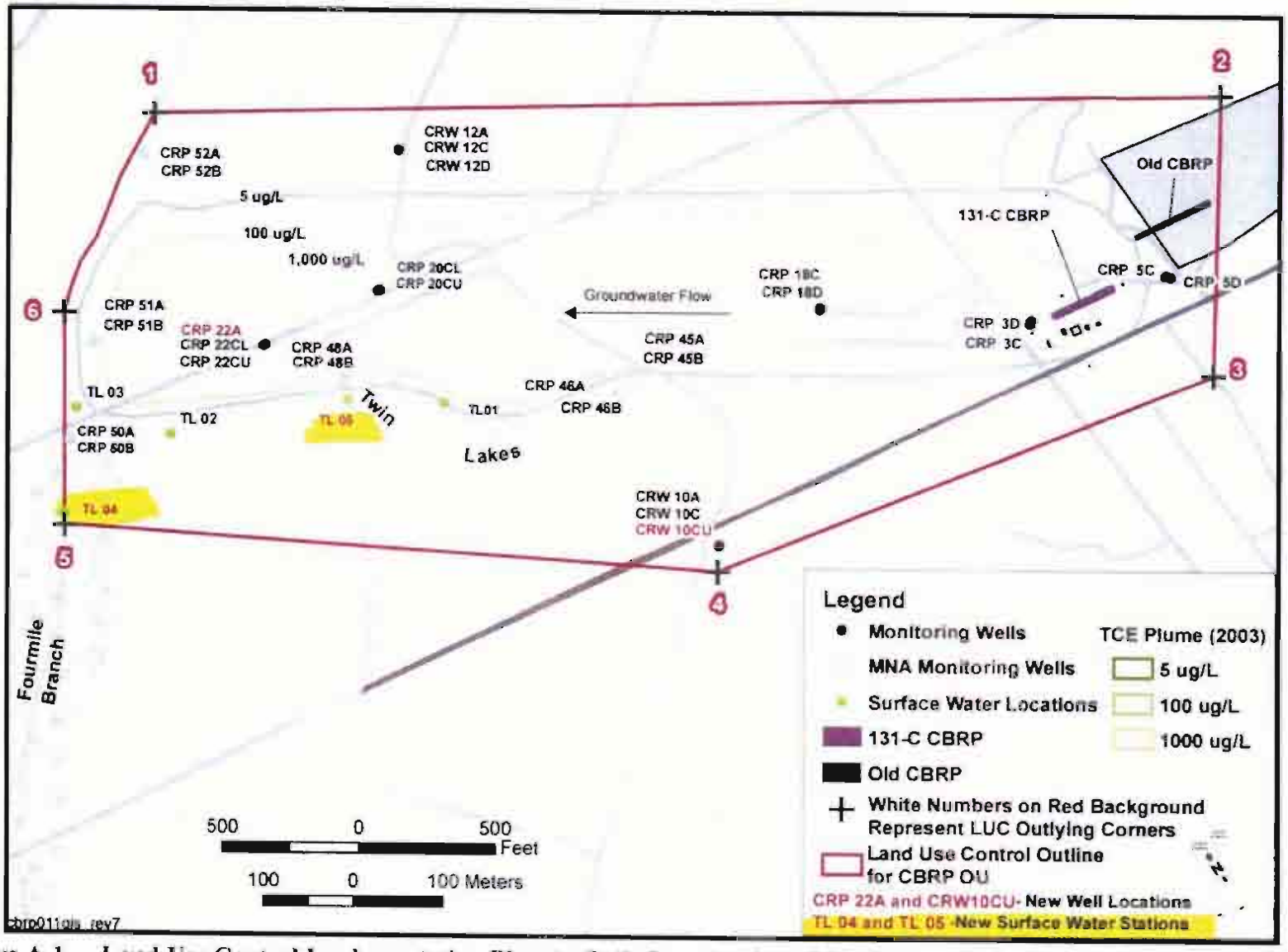


Figure A-1. Land Use Control Implementation Plan As-Built Drawing for CBRP OU

Ref. 2

ARF # 15924

United States Department of Energy

Savannah River Site

# Corrective Measures Implementation/ Remedial Action Implementation Plan for the C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/ Rubble Pit (NBN) (U)

CERCLIS Number: 31

WSRC–RP-2008-4051

Revision 1

January 2009

Prepared by:
Savannah River Nuclear Solutions, LLC
Savannah River Site
Aiken, SC 29808

Prepared for the U. S. Department of Energy Under Contract No. DE-AC09-08SR22470

Ref. 2

**Table 3. Information for Monitoring Wells and Surface Water Stations for MNA Monitoring at CBRP OU** *(Page 3 of 3)*
*(See Figure 3 for relative location of wells and surface water stations. SZ is screen zone.)*

| Station ID ‡ | UTM-E | UTM-N | SZ Top ft bgs | SZ Bottom ft bgs | Stratigraphic Interval (Position) | Ref El ft msl | Ref † | Installation Date |
|---|---|---|---|---|---|---|---|---|
| **MNA Wells in Fourmile Branch Wetland** | | | | | | | | |
| CRP52A | 435206.78 | 3675145.67 | 160.3 | 157.8 | Near NW corner of OU | 168.63 | C | 21-Mar-01 |
| CRP52B | 435206.78 | 3675145.67 | 158.58 | 157.28 | Near NW corner of OU | 164.68 | C | 12-Sep-00 |
| CRP51A | 435206.56 | 3678938.07 | 158.78 | 157.48 | At western end of OU on plume axis | 164.98 | C | 12-Sep-00 |
| CRP51B | 435206.56 | 3678938.07 | 157.48 | 156.18 | At western end of OU on plume axis | 163.68 | C | 12-Sep-00 |
| CRP50A | 435179.67 | 3678829.02 | 160.3 | 159 | Near SW corner of OU | 166.5 | C | 11-Sep-00 |
| CRP50B | 435179.67 | 3678829.02 | 158.6 | 157.3 | Near SW corner of OU | 164.8 | C | 11-Sep-00 |
| **Surface Water Stations in Twin Lakes Wetland** | | | | | | | | |
| TL01 | 435614 | 3678860 | | | Halfway between CRP46 and CRP48 | | | |
| TL02 | 435293 | 3678836 | | | Between CRP48 and CRP50 | | | |
| TL05* | 435492 | 3678876 | | | Adjacent to CRP48 | | | |
| **Surface Water Stations in Fourmile Branch Wetland** | | | | | | | | |
| TL03 | 435188 | 3678864 | | | Upstream of CRP50 | | | |
| TL04* | 435175 | 3678749 | | | At the confluence of Fourmile Branch with Twin Lakes drainage | | | |

* New Station.

‡ For the screen interval suffix on MNA well names, A screens average 3.4 ft bgs, the B-screen well averages 2 feet deeper than the associated A well.

† Reference that defines the elevation for installation (G is ground surface) or monitoring (C is top of casing and S is standpipe).

United States Department of Energy (USDOE) will notify USEPA and SCDHEC within 30 calendar days when significant problems arise with any aspect of the Remedial Design/RA process. In particular, scheduling, budget, and implementability/technical issues should be brought to the attention of the regulators as soon as they are identified. Notifications will follow established protocols for major and minor changes during construction. If the change is considered major, NCP Section 300.435(c)(2)(i) or (ii) will be followed for public participation requirements. Section 300.435(c)(2)(i) applies to ESD for RODs and (ii) applies to ROD amendments.

## 4.4 Waste Disposal and Transport

The only remedial activities under MNA/IC that will produce waste are the installation of additional monitoring wells, sampling, and finally abandonment of the groundwater monitoring network.

To be consistent across the entire groundwater plume and facilitate MNA monitoring, groundwater will not be considered RCRA hazardous unless it exhibits a RCRA characteristic. Subsequently, waste materials will be managed in accordance with the most current approved revision of the *Investigation-Derived Waste Management Plan* (WSRC 2006a). The approach is consistent with the RCRA substantive requirements, protective of human health and the environment, and cost effective.

## 4.5 Quality Assurance

QA for the RA is provided through implementation of the performance requirements specified in the design documents to ensure compliance with the approved ROD (WSRC 2008a). Design documents are developed in accordance with the WSRC Manual E7, *Conduct of Engineering and Technical Support*, to ensure quality work and conformance with the requirements of the WSRC Manual 1Q, *Quality Assurance Manual*. The well drilling scope for this RA will be performed by a subcontractor who has been pre-qualified to perform environmental remediation work at SRS. The work will be

ARF # 15490

Ref. 3

United States Department of Energy

Savannah River Site

# Record of Decision for Remedial Alternative Selection for the C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/Rubble Pit (NBN) (U)

CERCLIS Number: 31

WSRC-RP-2007-4082

Revision 1

May 2008

Prepared by:
Washington Savannah River Company LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-96SR18500

of the separate estimates because duplicated activities such as report preparation and deed notification will be consolidated.

| Alternative | Cost |
|---|---|
| **Disposal Pit Surface and Vadose Zone** | |
| S-2: Continued Operation of MicroBlower™ System (Vadose Zone) with Maintenance of Soil Cover (Surface Soil) | $703,000 |
| **TCE Groundwater Plume** | |
| GW-2: Institutional Controls and Monitored Natural Attenuation | $605,000 |
| **Surface Water** | |
| SW-2: Institutional Controls and Monitored Natural Attenuation | $605,000 |
| **Total Present Worth Cost** | **$1,913,000** |

The information in this cost estimate summary table is based on the best available information regarding the anticipated scope of the remedial alternative. Changes in the cost elements are likely to occur as a result of new information and data collected during the engineering design of the remedial alternative. Major changes may be documented in the form of a memorandum in the ARF, and ESD, or a ROD amendment. This is an order-of-magnitude engineering cost estimate that is expected to be within +50 to -30% of the actual project cost.

**Estimated Outcomes of Selected Remedy**

After the MNA/IC O&M period (approximately 70 years), groundwater in the CBRP OU should have attained the RGOs listed in Table 3, contaminant levels at which the groundwater can be released for unrestricted use.

**Waste Disposal and Transport**

Contamination at CBRP OU is limited to the soil and groundwater and, based on available documentation, the origin of the VOC contaminants cannot be concluded. Therefore, it is assumed that the contamination found in the CBRP OU groundwater and vadose zone is not from a listed RCRA hazardous waste source. RCRA requirements do not apply provided the waste generated during the remedial action does not exhibit a hazardous waste characteristic. However, consistent with USEPA policy, environmental media designated for land application will be evaluated against Health-Based Levels to

ensure protection of human health and the environment. Unless otherwise noted in this ROD or in post-ROD documents, waste will be managed consistent with the current, approved *Investigation-Derived Waste Management Plan* (WSRC 2006a).

## XII. STATUTORY DETERMINATIONS

Based on the unit RFI/RI/BRA report, the CBRP OU poses a threat to human health and the environment. Therefore, MNA/IC (Alternatives GW-2 and SW-2) has been selected as the remedy for the CBRP OU. CBRP OU does not contain principal threat source material. The future land use of the CBRP OU is assumed to be industrial land use.

Because this remedy will result in hazardous substances, pollutants, or contaminants remaining on site above levels that allow for unlimited use and unrestricted exposure, a statutory review will be conducted within five years after initiation of remedial action to ensure that the remedy is, or will be, protective of human health and the environment. The selected remedy is protective of human health and the environment, complies with federal and state requirements that are legally ARARs to the remedial action (unless justified by a waiver), and is cost-effective. PCE and TCE will be degraded by natural processes such as reductive dechlorination and mineralization. The selected remedy includes ICs and monitoring of groundwater and surface water to ensure protection of human health and the environment and compliance with ARARs.

The selected remedy utilizes permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practicable. The IA reduced TCE concentrations in groundwater from 130,000 μg/L before the IA was implemented in 1999 to less than 700 μg/L in May 2007, attaining the IRAO and satisfying the preference for treatment. Use of MicroBlowers™ will continue the physical treatment in the vadose zone until groundwater RAOs are achieved.

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Surface Water Station **TL05** (CBRP)

Project Team: UTR/Reactors/C Area Burning Rubble **RCRA** = No

Project ECA: Karen D. Morrow **CERCLA** = Yes

Listing constituents and RCRA Codes: No listing constituents

RCRA listed = no

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The surface water station **TL05** is associated with the C-Area Burning Rubble Pit (CBRP) Operable Unit (per Ref.1 and Ref.2). In EPA and SCDHEC accepted documents, CMI/RAIP (Ref.2) and Record of Decision (Ref.3) for the CBRP, groundwater will not be considered RCRA hazardous (including listed as F-,P-,U-, or K-waste). Specifically, contamination found in the vadose zone is not from a listed RCRA hazardous waste source. Therefore, the surface water location is not considered to be RCRA hazardous. However, this does not preclude waste from being designated as characteristically hazardous

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. References:

[1] Land Use Control Implementation Plan for CBRP OU, WSRC-RP-2008-4050, ~~current revision, January~~ April 2009. Revision 1.1 dlm 12/16/09

[2] Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) for the CBRP OU (131-C) and Old-CBRP (NBN), WSRC-RP-2008-4051, Revision 1, January 2009.

[3] Record of Decision for Remedial Alternative Selection for the CBRP OU (131-C) and Old-CBRP (NBN), WSRC-RP-2007-4082, Revision 1, May 2008

Preparer: Karen D. Morrow Date: 12/16/09 Checker: Shelia McFalls dlm Date: 12/16/09

Rev/V

ARF # 16359

**United States Department of Energy**

**Savannah River Site**

# Land Use Control Implementation Plan for the C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/Rubble Pit (NBN) (U)

**CERCLIS NUMBER: 31**

**WSRC-RP-2008-4050**

**Revision 1.1**

**April 2009**

**Prepared by:**
**Savannah River Nuclear Solutions, LLC**
**Savannah River Site**
**Aiken, SC 29808**

**Prepared for the U. S. Department of Energy Under Contract No. DE-AC09-08SR22470**

Ref. 1

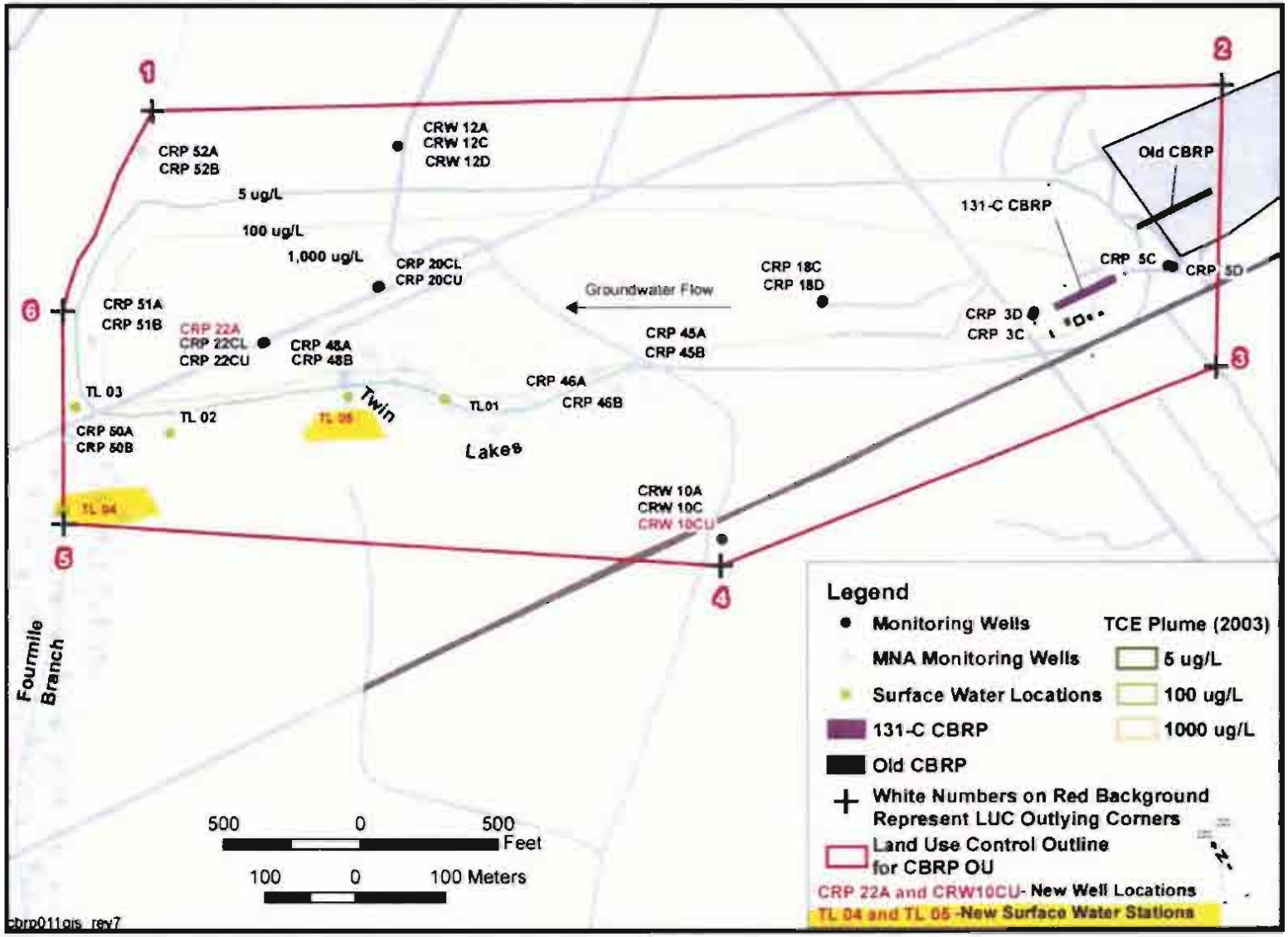


Figure A-1. Land Use Control Implementation Plan As-Built Drawing for CBRP OU

Ref. 2

ARF # 15924

United States Department of Energy

Savannah River Site

# Corrective Measures Implementation/ Remedial Action Implementation Plan for the C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/ Rubble Pit (NBN) (U)

CERCLIS Number: 31

WSRC–RP-2008-4051

Revision 1

January 2009

Prepared by:
Savannah River Nuclear Solutions, LLC
Savannah River Site
Aiken, SC 29808

Prepared for the U. S. Department of Energy Under Contract No. DE-AC09-08SR22470

Ref. 2

**Table 3. Information for Monitoring Wells and Surface Water Stations for MNA Monitoring at CBRP OU** *(Page 3 of 3)*
*(See Figure 3 for relative location of wells and surface water stations. SZ is screen zone.)*

| Station ID ‡ | UTM-E | UTM-N | SZ Top ft bgs | SZ Bottom ft bgs | Stratigraphic Interval (Position) | Ref El ft msl | Ref † | Installation Date |
|---|---|---|---|---|---|---|---|---|
| **MNA Wells in Fourmile Branch Wetland** | | | | | | | | |
| CRP52A | 435206.78 | 3675145.67 | 160.3 | 157.8 | Near NW corner of OU | 168.63 | C | 21-Mar-01 |
| CRP52B | 435206.78 | 3675145.67 | 158.58 | 157.28 | Near NW corner of OU | 164.68 | C | 12-Sep-00 |
| CRP51A | 435206.56 | 3678938.07 | 158.78 | 157.48 | At western end of OU on plume axis | 164.98 | C | 12-Sep-00 |
| CRP51B | 435206.56 | 3678938.07 | 157.48 | 156.18 | At western end of OU on plume axis | 163.68 | C | 12-Sep-00 |
| CRP50A | 435179.67 | 3678829.02 | 160.3 | 159 | Near SW corner of OU | 166.5 | C | 11-Sep-00 |
| CRP50B | 435179.67 | 3678829.02 | 158.6 | 157.3 | Near SW corner of OU | 164.8 | C | 11-Sep-00 |
| **Surface Water Stations in Twin Lakes Wetland** | | | | | | | | |
| TL01 | 435614 | 3678860 | | | Halfway between CRP46 and CRP48 | | | |
| TL02 | 435293 | 3678836 | | | Between CRP48 and CRP50 | | | |
| TL05* | 435492 | 3678876 | | | Adjacent to CRP48 | | | |
| **Surface Water Stations in Fourmile Branch Wetland** | | | | | | | | |
| TL03 | 435188 | 3678864 | | | Upstream of CRP50 | | | |
| TL04* | 435175 | 3678749 | | | At the confluence of Fourmile Branch with Twin Lakes drainage | | | |

* New Station.

‡ For the screen interval suffix on MNA well names, A screens average 3.4 ft bgs, the B-screen well averages 2 feet deeper than the associated A well.

† Reference that defines the elevation for installation (G is ground surface) or monitoring (C is top of casing and S is standpipe).

United States Department of Energy (USDOE) will notify USEPA and SCDHEC within 30 calendar days when significant problems arise with any aspect of the Remedial Design/RA process. In particular, scheduling, budget, and implementability/technical issues should be brought to the attention of the regulators as soon as they are identified. Notifications will follow established protocols for major and minor changes during construction. If the change is considered major, NCP Section 300.435(c)(2)(i) or (ii) will be followed for public participation requirements. Section 300.435(c)(2)(i) applies to ESD for RODs and (ii) applies to ROD amendments.

## 4.4 Waste Disposal and Transport

The only remedial activities under MNA/IC that will produce waste are the installation of additional monitoring wells, sampling, and finally abandonment of the groundwater monitoring network.

To be consistent across the entire groundwater plume and facilitate MNA monitoring, groundwater will not be considered RCRA hazardous unless it exhibits a RCRA characteristic. Subsequently, waste materials will be managed in accordance with the most current approved revision of the *Investigation-Derived Waste Management Plan* (WSRC 2006a). The approach is consistent with the RCRA substantive requirements, protective of human health and the environment, and cost effective.

## 4.5 Quality Assurance

QA for the RA is provided through implementation of the performance requirements specified in the design documents to ensure compliance with the approved ROD (WSRC 2008a). Design documents are developed in accordance with the WSRC Manual E7, *Conduct of Engineering and Technical Support*, to ensure quality work and conformance with the requirements of the WSRC Manual 1Q, *Quality Assurance Manual*. The well drilling scope for this RA will be performed by a subcontractor who has been pre-qualified to perform environmental remediation work at SRS. The work will be

ARF # 15490

Ref. 3

United States Department of Energy

Savannah River Site

# Record of Decision for Remedial Alternative Selection for the C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/Rubble Pit (NBN) (U)

CERCLIS Number: 31

WSRC-RP-2007-4082

Revision 1

May 2008

Prepared by:
Washington Savannah River Company LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-96SR18500

of the separate estimates because duplicated activities such as report preparation and deed notification will be consolidated.

| Alternative | Cost |
|---|---|
| **Disposal Pit Surface and Vadose Zone** | |
| S-2: Continued Operation of MicroBlower™ System (Vadose Zone) with Maintenance of Soil Cover (Surface Soil) | $703,000 |
| **TCE Groundwater Plume** | |
| GW-2: Institutional Controls and Monitored Natural Attenuation | $605,000 |
| **Surface Water** | |
| SW-2: Institutional Controls and Monitored Natural Attenuation | $605,000 |
| **Total Present Worth Cost** | **$1,913,000** |

The information in this cost estimate summary table is based on the best available information regarding the anticipated scope of the remedial alternative. Changes in the cost elements are likely to occur as a result of new information and data collected during the engineering design of the remedial alternative. Major changes may be documented in the form of a memorandum in the ARF, and ESD, or a ROD amendment. This is an order-of-magnitude engineering cost estimate that is expected to be within +50 to -30% of the actual project cost.

**Estimated Outcomes of Selected Remedy**

After the MNA/IC O&M period (approximately 70 years), groundwater in the CBRP OU should have attained the RGOs listed in Table 3, contaminant levels at which the groundwater can be released for unrestricted use.

**Waste Disposal and Transport**

Contamination at CBRP OU is limited to the soil and groundwater and, based on available documentation, the origin of the VOC contaminants cannot be concluded. Therefore, it is assumed that the contamination found in the CBRP OU groundwater and vadose zone is not from a listed RCRA hazardous waste source. RCRA requirements do not apply provided the waste generated during the remedial action does not exhibit a hazardous waste characteristic. However, consistent with USEPA policy, environmental media designated for land application will be evaluated against Health-Based Levels to

ensure protection of human health and the environment. Unless otherwise noted in this ROD or in post-ROD documents, waste will be managed consistent with the current, approved *Investigation-Derived Waste Management Plan* (WSRC 2006a).

## XII. STATUTORY DETERMINATIONS

Based on the unit RFI/RI/BRA report, the CBRP OU poses a threat to human health and the environment. Therefore, MNA/IC (Alternatives GW-2 and SW-2) has been selected as the remedy for the CBRP OU. CBRP OU does not contain principal threat source material. The future land use of the CBRP OU is assumed to be industrial land use.

Because this remedy will result in hazardous substances, pollutants, or contaminants remaining on site above levels that allow for unlimited use and unrestricted exposure, a statutory review will be conducted within five years after initiation of remedial action to ensure that the remedy is, or will be, protective of human health and the environment. The selected remedy is protective of human health and the environment, complies with federal and state requirements that are legally ARARs to the remedial action (unless justified by a waiver), and is cost-effective. PCE and TCE will be degraded by natural processes such as reductive dechlorination and mineralization. The selected remedy includes ICs and monitoring of groundwater and surface water to ensure protection of human health and the environment and compliance with ARARs.

The selected remedy utilizes permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practicable. The IA reduced TCE concentrations in groundwater from 130,000 µg/L before the IA was implemented in 1999 to less than 700 µg/L in May 2007, attaining the IRAO and satisfying the preference for treatment. Use of MicroBlowers™ will continue the physical treatment in the vadose zone until groundwater RAOs are achieved.

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: AS Wells: AS 8, AS 9 & AS 1, 15, 2, 5, 6, 7, 10, 11, 12, 13, 14, 16, and 17

Project Team: UTR/Reactor Areas/CBRP OU **RCRA listed?** RCRA = No

Project ECA: Karen Morrow **Unit/Well Status?** CERCLA = Yes

Listing constituents and RCRA Codes: The air sparging (AS) wells above are injection wells and are considered to be non-listed RCRA since no conclusive data/documentation exists to define the CBRP OU source as listed. However, current and historical data suggests that groundwater from the CBRP wells may be characteristically hazardous for Trichloroethylene (TCE, D040)

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. There is no conclusive information to indicate that VOCs associated with the AS wells are from substances that meet the listing criteria of 40 CFR 261 Subpart D. However, a groundwater contamination plume was formed beneath the CBRP OU due to release of TCE and other VOCs during the pit operations. The AS wells were used to reduce groundwater VOC concentrations. Since August 2002 the wells no longer operated. However, groundwater continues to be sampled/monitored using these wells. The CBRP OU is a RCRA/CERCLA unit. [See References.]

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. **Ref. [1]** MNA Effectiveness Monitoring Plan for the CBRP OU, WSRC-RP-2008-4049, Revision 1, January 2009

**Ref. [2]** IDW Management Strategy Forms: SGCP-IDW-2005-00019, Rev 0, 2/28/2005; ERD-IDW-2004-00041, Rev 0, 1/10/2005.

**Ref. [3]** CMI/RAIP for C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/Rubble Pit (NBN), WSRC-RP-2008-4051, Revision 1, January 2009.

**Ref. [4]** Interim ROD for the Remedial Action Alternative Selection for the CBRP OU (131-C), WSRC-RP-98-4039, Rev 0, June 1998

Preparer: K.D. Morrow Date: 10/8/09 Checker: L. Wells Date: 10/12/09

Document Number SGCP-IDW-2005-00019 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 1 of 3)

## S ion 1 -- Project Information and History

| | | | |
|---|---|---|---|
| Waste Unit Identification | Sampling of Injection Well, AS-4 , At C- Burning Rubble Pit | | |
| IDW Source | Purgewater | | |
| IDW Type | Nonaqueous/aqueou | Work Activity Code | PBG60709L |
| Project Contact | Terry Killeen | GCO | Susan Ridgeway |

**If any section requires more information than will fit in the space provided then the section should be labeled as "see attached" and the information should be included on an attached sheet or sheets. The title of the section being continued should be listed and the additional information listed under the title.**

**Information for IDW Engineering Determination:** (Indicate which level of information is available and included in this package to enable the WM-CTF to make the IDW engineering determination).

| Well/ Boring ID (series, grouping, or individual wells/borings as appropriate) | AS wells ------ | 1,2,5,9,12,15,17 | CRP wells |
|---|---|---|---|
| | ☒ Analytical Data | ☐ Analytical Data | ☒ Analytical Data |
| | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data |
| | ☐ Vicinity Well Information | ☐ Vicinity Well Information | ☐ Vicinity Well Information |
| | ☒ Unit/Process Knowledge | ☐ Unit/Process Knowledge | ☐ Unit/Process Knowledge |
| | ☐ Default Guidance | ☐ Default Guidance | ☐ Default Guidance |

**Activity Generating Waste** (brief description of the Scope of Work to be performed at the waste unit, note if there are attachments).

Injection well , AS-4, at C Burning Rubble Pit will be sampled in June. This well is not on the current Well List. Sampling method will be the bailing method.

Potential waste: Aqueous/non-aqueous, decon, PPE

Document Number SGCP-IDW-2005-00019 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 2 of 3)

**Regulatory Status** [Check boxes that apply, provide a brief discussion to justify the status (e.g., permit), and attach supporting documents]

**RCRA Listed** ☐ Yes ☒ No **CERCLA Waste** ☐ Yes ☒ No

There is no history of disposal of listed RCRA waste at the CBRP OU. Therefore, associated ground water is also not listed.

This sampling event is not related to CERCLA action.

**Environmental Compliance Authority**

| Printed Name | Signature | Date |
|---|---|---|
| J. K. Price | | 2/17/05 |

## Section 2 -- Technical Decision

**Engineering Decision**

**DOT Rad** ☐ Yes ☒ No **DOT Classificalton**

Upgradient wells to well A5-4 require containerization per the Approved containerization list (ERD-EN-2004-0253, Rev. 1). Additionally, data from upgradient wells suggests that IDW from A5-4 may be characteristically hazardous. (exceedance for TCE.) It is recommended that all aqueous and non aqueous waste generated from well A5-4 be containerized and sampled per the M-1 Air Stripper Analyte List to determine if the water meets The M-1 Waste Acceptance Criteria (ERD-EN-2002-0037). PPE and DE may be decontaminated and disposed as ~~hazard~~ sanitary waste. Decontamination solutions and equipment wash/rinse waters may be land applied per section 4.5 of the IDWMP.

**WMCTF** CALVIN E MORROW

| Printed Name | Signature | Date |
|---|---|---|
| Calvin E Morrow | | 2-24-05 |

**WMCTF Peer Review**

| Printed Name | Signature | Date |
|---|---|---|
| John A. Adams | | 2/24/2005 |

**RCRA Characteristic** ☐ Yes ☐ No

Based on the information provided this can not be determined at this time

**Environmental Compliance Authority**

| Printed Name | Signature | Date |
|---|---|---|
| JK Price | | 2/28/05 |

Document Number SGCP-IDW-2005-00019 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 3 of 3)

## S ion 3 -- Management Strategy

**IDW Management, Storage and Disposal** (Brief explanation, attach a list of purge water containment wells, if applicable)

☐ On-Unit ☑ Off-Unit

Containerize any aqueous and non-aqueous waste generated from bailing well AS-4. Thoroughly rinsed PPE and manage as Sanitary waste. Decon and equipment wash/rinse waters may be land applied.

Waste will be managed in a Waste Storage Area.

**GCO**

| Printed Name | Signature | Date |
|---|---|---|
| S W Ridgeway | SW Ridgeway | 2/28/05 |

**PTTL**

| Printed Name | Signature | Date |
|---|---|---|
| F R FALISE | [illegible] | 2.28.05 |

**Upon completion of Section #3 submit the IDW Strategy to SGCP Document Control Center as a Controlled Document**

## Section 4 -- Final Disposition

**Final Disposition** [Briefly describe any final data reviews and the final disposition of the waste. The appropriate sample report should be referenced and added (when possible) as an attachment. Waste disposition should include disposition of the containers if different from the waste.]

**GCO**

| Printed Name | Signature | Date |
|---|---|---|
| | | |

**Upon completion of Section #4 submit IDW Strategy to SGCP Document Control Center as a record. Controlled Document will be canceled.**

Document Number ERD-IDW-2004-00041 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 1 of 3)

## S ion 1 -- Project Information and History

**Waste Unit Identification** Monitored Natural Attenuation Sediment Samples at CMP & CBRP

**IDW Source** CMP Pits and CBRP

**IDW Type** NonAqueous **Work Activity Code** LFEEMNARE

**Project Contact** Karen Vangelas GCO Susan Ridgeway

**Duration** ☒ One Time ☐ Continuing **If continuing duration define duration limit below**

**If any section requires more information than will fit in the space provided then the section should be labeled as "see attached" and the information should be included on an attached sheet or sheets. The title of the section being continued should be listed and the additional information listed under the title.**

**Information for IDW Engineering Determination:** (Indicate which level of information is available and included in this package to enable the WM-CTF to make the IDW engineering determination).

**Well/ Boring ID** (series, grouping, or individual wells/borings as appropriate)

| | | |
|---|---|---|
| ☐ Analytical Data | ☐ Analytical Data | ☐ Analytical Data |
| ☐ Preliminary Screening Data | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data |
| ☐ Vicinity Well Information | ☐ Vicinity Well Information | ☐ Vicinity Well Information |
| ☒ Unit/Process Knowledge | ☐ Unit/Process Knowledge | ☐ Unit/Process Knowledge |
| ☒ Default Guidance | ☐ Default Guidance | ☐ Default Guidance |
| ☐ No Information Available | ☐ No Information Available | ☐ No Information Available |

**Activity Generating Waste** (brief description of the Scope of Work to be performed at the waste unit, note if there are attachments).

Studies will be performed at Pen Branch (CMP Pits) and Twin Lakes (CBRP). Emphasis of this study is to determine the relative contribution of anaerobic oxidation to the attenuation capacity of a system. Sediment samples will be collected with a depth of no more than 4 feet below ground surface. Approximately 20 samples from CBRP (along Twin Lakes) and 20 samples from CMP (along Pen Branch) will be collected and placed in jars. Researchers will use all of the samples not returning any sample material to SRS. Approximately 1 quart of soil will be collected at each sample location.

Email, Scruggs to Vangelas, dated 8/18/04, stated there are no worker protection issues for radiological contamination present in surface sediments/waters and there are no radiological issues for this location or the proposed sampling events.

Per ER-AP-130, section , an IDW Management Strategy is not required if samples are taken less than 5 feet. This IDW strategy is being developed to document the PPE management from Pen Branch.

Document Number ERD-IDW-2004-00041 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 2 of 3)

RCRA Status [Check one, provide a brief discussion to justify the status (e.g., permit), and attach supporting documents]

☐ Listed ☐ Non-Listed

* CMP Pits groundwater is RCRA listed for TCE, PCE & Methylene chloride. Surface water & soil in the area of Pen Branch are not considered RCRA listed, based on historical data.

** CBRP is a non-listed RCRA site, this is based on inconclusive documentation of the source of TCE/PCE.

8/24/04

## Section 2 -- Technical Decision

**Engineering Decision**

Groundwater and Surface water data for both sampling areas were reviewed.

At Pen Branch, no sample exceeded TCLP levels. At Twin Lakes (CBRP), seven groundwater samples (below 5 feet) were above the TCLP level for TCE (500 ug/L). The range was from 1.0 to 2.7 times the standard. Since these values would be lowered by the mass of any decon water or PPE, none of the decon water or PPE would be RCRA characteristically hazardous. PPE should be treated as ~~CERCLA Special Waste~~ Sanitary Waste and decon fluid discharged at the site of sampling. 8/31/

**WMCTF**

| Printed Name | Signature | Date |
|---|---|---|
| John A. Adams | John A. Adams | 8/27/04 |

**WMCTF Peer Review**

| Printed Name | Signature | Date |
|---|---|---|
| Cassandra Bayer | Cassandra Bayer | 8/27/04 |

Document Number ERD-IDW-2004-00041 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 3 of 3)

## Section 3 -- Management Strategy

**IDW Management, Storage and Disposal** (Brief explanation, attach a list of purge water containment wells, if applicable)

☒ On-Unit ☒ Off-Unit

Per Engineering Decision and ECA documentations from previous sections, the following guidance will be followed:

**Decon Water:** Decon water generated from the rinsing of reusable equipment may be discharged to the ground at the point of generation.

**Excess soil:** Returned to the ground at the point of generation

**PPE:**
From CMP Pits and the CBRP location: Manage as Sanitary Waste.

**GCO**

| Printed Name | Signature | Date |
|---|---|---|
| Susan Ridgeway | Susan Ridgeway | 8/31/04 |

**TL**

| Printed Name | Signature | Date |
|---|---|---|
| FR FALISE PAUL A. EISENSTAT | [illegible] Paul A. Eisenstat | 8.31.04 8/31/04 |

## Section 4 -- Final Disposition

**Final Disposition** [Briefly describe any final data reviews and the final disposition of the waste. The appropriate sample report should be referenced and added (when possible) as an attachment. Waste disposition should include disposition of the containers if different from the waste.]

Sediment samples were collected, being completed on December 9, 2004. Samples were < 1 ft. deep. Decon water was discharged to the ground. PPE was managed as Sanitary Waste.

**GCO**

| | | |
|---|---|---|
| S. W. Ridgeway | Signature S. W. Ridgeway | 1/10/2005 |

notifications. LUCs are discussed in the Land Use Control Implementation Plan (LUCIP) for CBRP OU (WSRC 2008b).

- The soil cover, SVE system, and air sparging (AS) system were installed in 1999 as the components of an interim action (IA) to control the VOC source in the vadose zone and were successful.

- The soil cover provides an effective barrier to prevent the exposure of ecological receptors to dioxin-contaminated surface soil in the disposal pit.

- The 10E-06 cm/sec soil cover has also reduced infiltration and leaching of the waste interval and the vadose zone source.

- The SVE and AS systems recovered about 2,100 lb of TCE before they were shut down and replaced with the active solar-powered MicroBlower™ SVE system. The MicroBlower™ SVE system was designed to recover all of the VOCs that are desorbed from the fine-grained soils about 30 ft below ground surface (bgs) at the west end of CBRP (Figure 2). Vadose zone mass transport modeling (WSRC 2004a) predicted that a minimum annual TCE recovery rate of 1.8 lb TCE for the MicroBlower™ SVE system would control the vadose zone source and prevent migration of TCE to the groundwater. The MicroBlower™ SVE system has been operating since December 2004 and has been recovering about 50 lb of VOCs per year. The AS system was shut down in August 2002, but the wells have not been abandoned. TCE concentrations in the groundwater beneath the west end of CBRP have declined from more than 130,000 µg/L in 1999 to approximately 1,000 µg/L in 2003. Between 2003 and 2008, TCE concentrations in wells immediately downgradient of CBRP continued to decline, wells in the middle of the plume increased or remained about the same, and wells at the distal end of the plume decreased. Control has been established for the vadose zone source by SVE and the soil cover, and the migration pathway to groundwater has been broken.

- There are no active, primary sources of groundwater contamination at the CBRP OU. The identified sources have been controlled by the IA.

# 1.0 GENERAL DESCRIPTION

## 1.1 Purpose and Scope

The C-Area Burning/Rubble Pit (131-C) (CBRP) Operable Unit (OU) and Old C-Area Burning/Rubble Pit, no building number (NBN), is a Resource Conservation and Recovery Act (RCRA)/ Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) unit in the central portion of the Savannah River Site (SRS). This Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) provides the following items for the implementation of the selected remedial action (RA) established in the Record of Decision (ROD) for the CBRP OU (WSRC 2008a):

- A general description of the location and history of the site, description of the constituents of concern (COCs) to be remedied, and an overview of the selected RA
- An outline of the necessary design tasks
- A design summary highlighting the results of each of the design tasks performed to accomplish the objectives of the selected RA
- A summary of the construction strategy addressing critical components of construction activities required to implement the remedial design
- Requirements for health and safety, waste management, contamination control, decontamination, quality assurance (QA), quality control (QC) inspections, performance verifications (sampling and testing/analysis), post-construction operations, maintenance and institutional controls, project closeout, post-construction monitoring and a forecast schedule for implementation of the RA
- A forecast schedule and brief discussion of the contents of the upcoming post-ROD documents required by the Federal Facility Agreement (FFA) (1993) for the SRS

## 1.2 General Description and History of the Unit

C Area is located in the central portion of the SRS in Barnwell County, South Carolina (see Figure 1). C Reactor achieved criticality in March 1955 and operated until June 1985 when it was placed in warm standby. The reactor was placed in cold standby in 1987. All of the SRS production reactors were shut down as of February 1996. During operations at the CBRP source unit, trichloroethylene (TCE) (the predominant organic contaminant) and tetrachloroethylene (PCE) were released to the environment, resulting in a groundwater contamination plume beneath CBRP OU. As the result of characterization activities, SRS has identified the areas in which groundwater contamination exceeds applicable maximum contaminant levels (MCLs) and developed a land use control (LUC) outline. Figure 2 shows the layout of the CBRP OU and identifies subunits within CBRP OU, including historical sources. The LUC outline (Figure 3), comprising approximately 130 acres, includes all groundwater contaminated above MCLs within the OU. The TCE plume on Figure 3 adequately depicts plume geometry and groundwater contamination concentrations for both TCE and PCE since TCE plume extent and concentrations are greater than PCE. Restrictions on the use of groundwater within the LUC outline will be enforced as long as contaminant levels exceed MCLs.

The SRS Grid, Universal Transverse Mercator (UTM), and Longitude-Latitude (North American Datum [NAD] 1927) coordinates for the major vertices of the CBRP LUC polygon are listed in the insert below. The corners are listed in clockwise order beginning with the most northwesterly corner along Fourmile Branch as shown on Figure 3.

| Corner | SRS E | SRS N | UTM E | UTM N | Long-27 | Lat-27 |
|---|---|---|---|---|---|---|
| NW 1 | 41854.43 | 71179.62 | 435273.502 | 3679190.748 | -81.69484157 | 33.25148835 |
| NE 2 | 45057.33 | 68966.38 | 436459.448 | 3679219.894 | -81.68211323 | 33.25182171 |
| SE 3 | 44439.27 | 68152.06 | 436453.22 | 3678908.448 | -81.68215825 | 33.24901221 |
| S 4 | 42558.79 | 68629.82 | 435904.284 | 3678688.914 | -81.68803506 | 33.24699964 |
| SW 5 | 40713.52 | 70163.06 | 435174.738 | 3678735.714 | -81.69589621 | 33.24737818 |
| W 6 | 41162.91 | 70785.92 | 435173.748 | 3678969.748 | -81.69589657 | 33.24948902 |

There are no active sources of groundwater contamination in the CBRP OU. Historical sources in and adjacent to CBRP have been remediated and/or controlled by an interim action (IA) using a soil cover and soil vapor extraction (SVE). The IA initiated at the CBRP OU in 1999 included the placement of a 1.0E-06 cm/sec soil cover over the CBRP disposal pit (January 1999), the installation of an SVE system for the vadose zone west of CBRP (September 1999), and the installation of an air sparging (AS) network to strip volatile organic compounds (VOCs) from the groundwater in the upper zone of the water table aquifer at the west end of CBRP (June 2000). The soil cover was designed to prevent exposure of ecological receptors to contaminated surface soil in the CBRP and to reduce the infiltration rate through the CBRP waste interval.

The SVE system, which consisted of 43 wells, removed over 2,100 lb of TCE from the vadose zone. The conventional SVE system was replaced with a solar-powered MicroBlower™ system in December 2004. The MicroBlower™ system is an active but less energy-intensive technology than the conventional SVE system it replaced. The system consists of four existing SVE wells (SVE19B, SVE22B, SVE23B, and SVE27) that were equipped with MicroBlower™ units. The MicroBlower™ system recovers a total of 50 lb of VOCs per year (WSRC 2005b).

The AS network contributed to reduction of groundwater TCE concentrations below the CBRP disposal pit in the area of the IA before the water table dropped below the well screens due to drought conditions. Therefore, the AS system was shut down in August 2002. Groundwater TCE concentrations remain above MCLs; however, TCE concentrations near the CBRP disposal pit have declined nearly three orders of magnitude since the IA was implemented.

Surface water monitoring in the Fourmile Branch and Twin Lakes wetlands began in 1999. Early in the evaluation of natural attenuation parameters, three of the original surface water stations (TL-01, TL-02, and TL-03) became permanent. In September 2000 and March 2001, 26 monitored natural attenuation (MNA) wells were installed in the Twin Lakes and Fourmile Branch wetlands to study VOC degradation in the biomantle as

the groundwater plume emerged to form the wetlands. The MNA study (WSRC 2002a) demonstrated that natural processes, primarily reductive dechlorination and mineralization, in the biomantle were 99% effective in degrading the VOCs in the plume. Concentrations of the primary solvents (PCE and TCE) and their degradation products in emerging groundwater along the Fourmile Branch and Twin Lakes wetlands seeplines have been below MCLs since December 2006. The MNA study and distribution of VOCs during the RCRA Facility Investigation/Remedial Investigation (RFI/RI) are summarized in the Focused Corrective Measures Study/Feasibility Study for CBRP (WSRC 2004a).

Groundwater modeling reports (WSRC 2001b, WSRC 2002c, and WSRC 2003a) and effectiveness monitoring reports (WSRC 2001a, WSRC 2002b, WSRC 2003b, WSRC 2004b, and WSRC 2005b) for the IA are available in the Administrative Record File (ARF).

## 1.3 Nature and Extent of Contamination

Table 1 lists the RCOCs for CBRP OU by subunit; Figure 3 shows the TCE plume based on 2003 analytical results.

**Table 1. Refined Constituents of Concern by Subunit**

| Media | Subunit | HH RCOCs | CM RCOCs | ARAR (MCLs) RCOCs | Eco RCOCs |
|---|---|---|---|---|---|
| Soil | CBRP Disposal Pit | HpCDD, OCDD (future resident) | None | None | HpCDD |
| | Old CBRP | None | None | None | None |
| | Mounded area | None | None | None | None |
| | Concrete drainage ditch | None | None | None | None |
| | Vadose zone | None | TCE | None | None |
| Groundwater | Groundwater plume | TCE, cDCE, DCE, VC | None | PCE, TCE, cDCE, DCE, VC, DCM | None |
| Surface water | Twin Lakes | None | None | PCE, TCE, VC | None |
| | Fourmile Branch | None | None | VC | None |

**Legend:**

| | | | |
|---|---|---|---|
| ARAR | applicable or relevant and appropriate requirement | HH | human health |
| cDCE | cis-1,2-dichloroethylene | HpCDD | 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin |
| CM | contaminant migration | OCDD | octachlorodibenzo-p-dioxin |
| DCE | 1,1-dichloroethylene | PCE | tetrachloroethylene or perchloroethylene |
| DCM | dichloromethane | TCE | trichloroethylene |
| Eco | ecological | VC | vinyl chloride |

CBRP OU groundwater emerges along seeplines in the Twin Lakes wetland and Fourmile Branch. These are the only bodies of surface water impacted by CBRP OU RCOCs. VC (MCL = 2.0 µg/L, parts per billion) is the only unit-specific RCOC reported from Fourmile Branch. The maximum concentration was 5.24 µg/L in 1998. VC has not been detected in Fourmile Branch in seven sampling events since September 2004. PCE (MCL = 5.0 µg/L), TCE (MCL = 5.0 µg/L), and VC are the only unit-specific RCOCs reported in the Twin Lakes wetland, with maximum values of 7.06 µg/L, 26.2 µg/L, and 44.9 µg/L, respectively, in 1998. Only TCE has been detected since 2002, and it has been below the MCL since December 2006. Thus, groundwater discharge to surface water is not currently impacting human health or ecological receptors.

## 1.4 Document Format

### *1.4.1 Format of CMI/RAIP*

The format of this document is consistent with the FFA protocol format approved by the United States Environmental Protection Agency (USEPA) and South Carolina Department of Health and Environmental Control (SCDHEC) in March 2003.

## 1.5 Remedial Action

The anticipated future land use for the CBRP OU is industrial. As discussed in Section 1.2, exposure of ecological and human receptors to the dioxins present in the CBRP disposal pit soils is prevented by the soil cover and the TCE source in the vadose zone is controlled by the soil cover and the operation of the MicroBlower™ SVE system. The approved ROD identified (1) continued operation of the MicroBlower™ SVE system with maintenance of the soil cover as the remedy component for residual TCE in the vadose zone and (2) MNA with institutional controls (ICs) as the remedy component for the VOC-contaminated groundwater and surface water. Minor changes to the selected remedy may occur during the remedial design or construction processes. Significant

Table 2. Unit-Specific Constituent Groundwater Maximum Concentration

| Analyte | Upper Zone of the Water Table Aquifer | Lower Zone of the Water Table Aquifer | |
|---|---|---|---|
| | | Upgradient | Downgradient |
| **Inorganics (ug/L)** | | | |
| Aluminum | 3040 | 301 | 2270 |
| Arsenic | * | **2.82** | **3.78** |
| Barium | 20.2 | 44.9 | 66.1 |
| Beryllium | *, # | ND | **1.1** |
| Boron, total recoverable | * | 13.1 | 16.2 |
| Cadmium | 1 | * | * |
| Calcium | 4820 | 32600 | 6330 |
| Chromium | 15.5 | 15.2 | 12.7 |
| Cobalt | 3.3 | 1.62 | 8.29 |
| Copper | 77.8 | ND | 11.8 |
| Cyanide | 2.42 | * | * |
| Iron | **6380** | 476 | 5140 |
| Lead | **28** | 1.87 | 5.64 |
| Lithium, total recoverable | * | 41.6 | ND |
| Magnesium | 736 | 681 | 1030 |
| Manganese | 75.9 | 18.7 | 203 |
| Mercury | * | ND | 0.031 |
| Nickel | 15.4 | 3.11 | 11.9 |
| Potassium | 1410 | 11900 | 1950 |
| Silica, total | * | 35,800 | 22,100 |
| Sodium | 10600 | 32200 | 44400 |
| Thallium | **10** | 2.68 | ND |
| Vanadium | 13.4 | 8.26 | 7.52 |
| Zinc | **2700** | 8.99 | 128 |
| **Volatile Organic Compounds (ug/L)** | | | |
| 1,2-Dichloroethane (total) | * | ND | 0.1 |
| 1,2-Dichloroethene (total) | 35.3 | 0.18 | ND |
| 1,1,2-Trichloroethane | * | ND | 0.17 |
| 1,1,2,2-Tetrachloroethane | * | ND | 0.1 |
| 2-Butanone | * | ND | 0.28 |
| Carbon Disulfide | * | 0.19 | 0.16 |

Table 2. Unit-Specific Constituent Groundwater Maximum Concentration (Continued)

| Analyte | Upper Zone of the Water Table Aquifer | Lower Zone of the Water Table Aquifer | |
|---|---|---|---|
| | | Upgradient | Downgradient |
| Chlorobenzene | * | 0.08 | 0.3 |
| Chloroform | * | 0.33 | 0.39 |
| Chloromethane | * | 0.07 | ND |
| Dichloromethane* | **43.5** | * | * |
| Tetrachloroethene | **4.15** | 5.53 | 2.53 |
| Toluene | * | 0.49 | 0.05 |
| Trichloroethene (TCE) | **1660** | 2.19 | 0.25 |
| **Semivolatile Organic Compounds (ug/L)** | | | |
| Di-n-butyl phthalate | 3 | 0.563 | 0.65 |
| Di-n-octyl phthalate | 2 | 0.73 | 1.1 |
| **Pesticides/PCBs and Dioxins/Furans (ug/L)** | | | |
| 2,4-Dichlorophenoxyacetic acid | * | ND | 0.0596 |
| Dieldrin | **0.228** | * | * |
| **Radionuclides (pCi/L)** | | | |
| Lead-212 | **5.61** | * | * |
| Total Radium | 2.5 | 0.9 | 3 |
| Tritium | **21,800** | **94,400** | **52,800** |
| Uranium-233/234 | 0.831 | 0.184 | 0.305 |
| Uranium-235 | * | 0.154 | 0.621 |
| Uranium-238 | 0.665 | 0.0697 | 0.243 |

* - Not a Unit-Specific Constituent (USC) in this aquifer zone

*,# - Not a USC but is a preliminary COC

Bolded Analytes are preliminary COCs for the zone where they are bolded.

ND - Not Detected

- Forecasts of post-construction activities
- Project costs

### *1.1.1 Document Format*

This PCR was prepared in accordance with the requirements for submittal of regulatory documents as identified in the FFA (1993) and the latest format for the PCR. The format of this document is consistent with the FFA protocol format approved by the United States Environmental Protection Agency (USEPA) and South Carolina Department of Health and Environmental Control (SCDHEC) in March 2003.

The CMP Pits vadose zone will require long-term RA (i.e., the final RA will require long-term operation of the constructed equipment for treatment of contaminants in the source unit or in the groundwater). Therefore, a CMIR/RACR will be submitted upon completion of the RA, and this PCR is being submitted upon completion of the construction of the operating equipment.

## 1.2 Operable Unit Background

The CMP Pits OU is listed as a Resource Conservation Recovery Act (RCRA) 3004(u) Solid Waste Management Unit/Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Unit in Appendix C of the FFA for Savannah River Site (SRS). The OU is located in the central portion of the SRS about 1 mile north of L Area. The unit is approximately 1,250 ft southeast of Pen Branch and 7.4 mi from the nearest plant boundary. Figure 1 shows the location of the CMP Pits in relation to SRS.

The CMP Pits consisted of seven unlined pits, placed in two rows, which occupied the top of a knoll at an approximate elevation of 310 feet mean sea level (msl). The pits received non-radioactive waste between 1971 and 1979. During that time, chemicals, metals, pesticides, and fluorescent lighting ballasts containing polychlorinated biphenyls (PCBs) were disposed of in the pits. In 1984, drums and other contaminated media were excavated from the pits. In a portion of the northwest pit, contaminated soils were

**ATTACHMENT 1**
**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE**

Unit Name: CMP wells: CMP058B, 059C, 060B, 061B, 062B, 062C, 062D, 063B, 063C, 063D

Project Team: UTR/Reactor Areas / CMP Pits OU **RCRA listed?** RCRA = Yes

Project ECA: Karen Morrow **Unit/Well Status?** CERCLA = Yes

Listing constituents and RCRA Codes: The CMP series well groundwater is RCRA listed. The listing constituents and RCRA codes include those in Table 7 on p. 77 of the Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) for the Chemicals, Metals, and Pesticides (CMP) Pits [Ref. 1], attached.

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The decision regarding the CMP Pits' RCRA/CERCLA unit and RCRA listing status was previously made and is documented. The RCRA listing determination for this OU is documented in the CMI/RAIP for the CMP Pits [Ref. 1] and IDW Strategy Management Form for IDW sources CMP Pits and CBRP [Ref. 2]. The CMP Pits' RCRA/CERCLA status is documented in the Record of Decision (ROD) Remedial Alternative Selection for the CMP Pits OU [Ref. 3]. Per Ref. 4, the CMP Pits OU is a RCRA/CERCLA unit.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. **Ref. [1]** CMI/RAIP for the CMP Pits, WSRC-RP-2005-4068, Revision 1, February 2006
**Ref. [2]** IDW Strategy Management Form, ERD-IDW-2004-00041, Revision 0, 1/10/2005.
**Ref. [3]** ROD for the CMP Pits OU, WSRC-RP-2004-4090, Revision 1, December 2004
**Ref. [4]** Post Construction Report for the CMP Pits OU, WSRC-RP-2007-4070, Revision 0, December 2007.

Preparer: K.D. Morrow Date: 10/8/09 Checker: [illegible] Date: 10/12/09

Document Number ERD-IDW-2004-00041 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 1 of 3)

## S( ion 1 -- Project Information and History

**Waste Unit Identification** Monitored Natural Attenuation Sediment Samples at CMP & CBRP

**IDW Source** CMP Pits and CBRP

**IDW Type** NonAqueous **Work Activity Code** LFEEMNARE

**Project Contact** Karen Vangelas GCO Susan Ridgeway

**Duration** ☒ One Time ☐ Continuing **If continuing duration define duration limit below**

**If any section requires more information than will fit in the space provided then the section should be labeled as "see attached" and the information should be included on an attached sheet or sheets. The title of the section being continued should be listed and the additional information listed under the title.**

**Information for IDW Engineering Determination:** (Indicate which level of information is available and included in this package to enable the WM-CTF to make the IDW engineering determination).

**Well/ Boring ID** (series, grouping, or individual wells/borings as appropriate)

| | | |
|---|---|---|
| ☐ Analytical Data | ☐ Analytical Data | ☐ Analytical Data |
| ☐ Preliminary Screening Data | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data |
| ☐ Vicinity Well Information | ☐ Vicinity Well Information | ☐ Vicinity Well Information |
| ☒ Unit/Process Knowledge | ☐ Unit/Process Knowledge | ☐ Unit/Process Knowledge |
| ☒ Default Guidance | ☐ Default Guidance | ☐ Default Guidance |
| ☐ No Information Available | ☐ No Information Available | ☐ No Information Available |

**Activity Generating Waste** (brief description of the Scope of Work to be performed at the waste unit, note if there are attachments).

Studies will be performed at Pen Branch (CMP Pits) and Twin Lakes (CBRP). Emphasis of this study is to determine the relative contribution of anaerobic oxidation to the attenuation capacity of a system. Sediment samples will be collected with a depth of no more than 4 feet below ground surface. Approximately 20 samples from CBRP (along Twin Lakes) and 20 samples from CMP (along Pen Branch) will be collected and placed in jars. Researchers will use all of the samples not returning any sample material to SRS. Approximately 1 quart of soil will be collected at each sample location.

Email, Scruggs to Vangelas, dated 8/18/04, stated there are no worker protection issues for radiological contamination present in surface sediments/waters and there are no radiological issues for this location or the proposed sampling events.

Per ER-AP-130, section , an IDW Management Strategy is not required if samples are taken less than 5 feet. This IDW strategy is being developed to document the PPE management from Pen Branch.

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# IDW MANAGEMENT STRATEGY FORM (Page 2 of 3)

RCRA Status [Check one, provide a brief discussion to justify the status (e.g., permit), and attach supporting documents]

☐ Listed ☐ Non-Listed

* CMP Pits groundwater is RCRA listed for TCE, PCE & Methylene chloride. Surface water & soil in the area of Pen Branch are not considered RCRA listed, based on historical data.

** CBRP is a non-listed RCRA site, this is based on inconclusive documentation of the source of TCE/PCE.

8/24/04

## Section 2 -- Technical Decision

**Engineering Decision**

Groundwater and Surface water data for both sampling areas were reviewed.

At Pen Branch, no sample exceeded TCLP levels. At Twin Lakes (CBRP), seven groundwater samples (below 5 feet) were above the TCLP level for TCE (500 ug/L). The range was from 1.0 to 2.7 times the standard. Since these values would be lowered by the mass of any decon water or PPE, none of the decon water or PPE would be RCRA characteristically hazardous. PPE should be treated as ~~CERCLA Special Waste~~ Sanitary Waste and decon fluid discharged at the site of sampling.

| WMCTF | | |
|---|---|---|
| John A. Adams | John A. Adams | 8/27/04 |
| Printed Name | Signature | Date |

| WMCTF Peer Review | | |
|---|---|---|
| Cassandra Bayer | Cassandra Bayer | 8/27/04 |
| Printed Name | Signature | Date |

Document Number ERD-IDW-2004-00041 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 3 of 3)

## Section 3 -- Management Strategy

**IDW Management, Storage and Disposal** (Brief explanation, attach a list of purge water containment wells, if applicable)

☒ On-Unit ☒ Off-Unit

Per Engineering Decision and ECA documentations from previous sections, the following guidance will be followed:

**Decon Water:** Decon water generated from the rinsing of reusable equipment may be discharged to the ground at the point of generation.

**Excess soil:** Returned to the ground at the point of generation

**PPE:**
From CMP Pits and the CBRP location: Manage as Sanitary Waste.

**GCO**

| Printed Name | Signature | Date |
|---|---|---|
| Susan Ridgeway | Susan Ridgeway | 8/31/04 |
| FR FALISE PAUL A. EISENSTAT | [illegible] | 8.31.04 8/31/04 |

## Section 4 -- Final Disposition

**Final Disposition** [Briefly describe any final data reviews and the final disposition of the waste. The appropriate sample report should be referenced and added (when possible) as an attachment. Waste disposition should include disposition of the containers if different from the waste.]

Sediment samples were collected, being completed on December 9, 2004. Samples were < 1 ft. deep. Decon water was discharged to the ground. PPE was managed as Sanitary Waste.

**GCO**

| | | |
|---|---|---|
| S. W. Ridgeway | SW Ridgeway | 1/10/2005 |

Signature

013439

United States Department of Energy

Savannah River Site

# Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) for the Chemicals, Metals, and Pesticides Pits (U)

**CERCLIS NUMBER: 24**

**WSRC-RP-2005-4068**

**Revision 1**

**February 2006**


Prepared by:
Washington Savannah River Company LLC
Savannah River Site
Aiken, SC 29808



Prepared for the U. S. Department of Energy Under Contract No. DE-AC09-96SR18500

### *1.3.2 CMP Pits Groundwater*

The following VOCs and pesticides have been detected in groundwater monitoring wells above Safe Drinking Water Act MCLs: PCE, TCE, DCM, 1,1,2-trichloroethane, carbon tetrachloride, and lindane. Alpha-benzene hexachloride, beta-benzene hexachloride, delta-benzene hexachloride, dieldrin, lindane, bis (2-ethylhexyl) phthalate, bromodichloromethane, carbon tetrachloride, chloroform, DCM, PCE, and TCE have been identified as human health COCs for the future industrial worker and/or resident.

Two VOC groundwater plumes exist at the CMP Pits, designated as the main plume and the northeast plume. Figures 7 and 8 illustrate the lateral extent groundwater contamination in each aquifer zone as interpreted from the monitoring well data and CPT analyses collected from 1998 to 2002. These plumes are moving northward toward Pen Branch sediment and surface water. Groundwater modeling indicates that the CMP Pits are the source for the main plume. Particle tracking toward and from the northeast plume suggests that this plume is from a different source than that of the main plume. The source of the northeast plume is depleted.

As indicated in Figures 7 and 8, the vertical extent of the VOC plume includes the transmissive zone (TZ), middle aquifer zone (MAZ), and the lower aquifer zones (LAZ). The lateral extent of the VOC plume comprises approximately 50 acres extending from the pit area to Pen Branch.

other related activities. Results of quality control inspections and tests performed during construction will be recorded.

## 4.3 Remedial Design Change Control

The project team will maintain a cognizant engineering team during the construction of this RA. This team will oversee engineering and construction activities, including review and approval of necessary design change documents. All construction changes shall be controlled and documented in accordance with SRS procedures.

USDOE will notify USEPA and SCDHEC within a reasonable time frame when significant problems arise with any aspect of the Interim Remedial Design/IRA process. In particular, scheduling, budget and implementability/technical issues will be brought to the attention of the regulators as soon as they are identified. Notifications will follow established protocols for major and minor changes during construction. If the change is considered major, NCP Section 300.435(c)(2)(i) or (ii) will be followed for public participation requirements. Section 300.435(c)(2)(i) applies to Explanation of Significant Differences (ESDs) for RODs and (ii) applies to ROD amendments.

All changes will be documented on the as-built drawings. As-built drawings will be included in the PCR.

## 4.4 Waste Disposal and Transport

Environmental media (soil and water) and debris at the CMP Pits contains RCRA-listed waste that is subject to applicable RCRA requirements until determined to no longer contain hazardous waste. Unless otherwise noted in this CMI/RAIP, all waste will be managed in a manner that is consistent with the IDW Management Plan (WSRC 2004d). Consistent with USEPA's Contained-In Policy, environmental media, debris including secondary waste will be determined to no longer contain RCRA-listed hazardous waste

by direct comparison of the environmental media and debris to the health-based limits (HBLs) in Table 7.

Soil HBLs in Table 7 are based upon the lower of (1) the EPA Region IX Preliminary Remediation Goals (PRGs) for the residential soil exposure scenario or (2) the RCRA toxicity characteristic level. (Due to the 20-fold dilution factor inherent in the Toxicity Characteristic Leaching Procedure (TCLP) analysis of solids, the RCRA TCLP values are multiplied by 20).

Groundwater HBLs were derived by applying a dilution and attenuation factor (DAF) of 10 times either Safe Drinking Water Act MCLs or, where MCLs are not available, the USEPA Region IX PRGs for the residential tap water exposure scenario. A DAF of 10 accounts for effects of transport from materials released into the environment as they interact with the biosphere, soil, soil moisture, and groundwater. This approach is considered protective of human health and the environment.

Analysis of CMP Pits soils showed the presence of Silvex (2,4,5-TP) and other chlorophenols identified as RCRA-listed waste (F027). RCRA Subtitle C treatment and disposal options for F027 RCRA-listed waste are not currently available in the United States. Therefore, environmental media and debris having an F027 characteristic will need to remain on unit.

In accordance with the unit-specific LUCIP, LUCs will prohibit residential use of the property. Therefore, soil, including soil-associated waste (well installation, well cleaning, bio-remediated soil, etc.), evaluated to be below industrial soils PRGs, ecological RGs and RCRA TCLP will be dispositioned to the ground inside the AOC near the area of generation. Soil and soil-associated waste above this level will be evaluated against Table 7 HBLs to determine the appropriate disposal option off-site. Options include bioremediation on-unit, disposal and solidification in the CMP Pits manhole or shipment off-unit pending an F027 evaluation.

Table 7. **CMP Pits Environmental Media Listed Wastes**

| Hazardous Contaminant | Waste Code | Soil HBL (mg/kg) | Groundwater HBL (mg/L) | CAS No. |
|---|---|---|---|---|
| Freon 11 (Trichlorofluoromethane) | F001, F002 | 390 | 13.0* | 75-69-4 |
| Methylene chloride | F002, U080 | 9.1 | 0.05 | 75-09-2 |
| TCE (Trichloroethylene) | U228, F001, F002 | 2.9, Cal-Modified PRG | 0.05 | 79-01-6 |
| PCE (Tetrachloroethylene) | U210, F001, F002 | 0.48 | 0.05 | 127-18-4 |
| Toluene | U220, F005 | 520 | 10.0 | 108-88-3 |
| Lindane (Gamma-HCH) | U129 | 0.44 | 0.002 | 58-89-9 |
| Chlordane | U036 | 0.6, TCLP | 0.02 | 12789-03-6 |
| Endrin | P051 | 18.0 | 0.02 | 72-20-8 |
| Toxaphene | P123 | 0.44 | 0.03 | 8001-35-2 |
| DDT | U061 | 1.7 | 0.002* | 50-29-3 |
| DDD | U060 | 2.4 | 0.0028* | 72-54-8 |
| Dieldrin | P037 | 0.03 | 0.042* | 60-57-1 |
| Heptachlor | P059 | 0.11 | 0.004 | 76-44-8 |
| Methoxychlor | U247 | 310.0 | 0.4 | 72-43-5 |
| 2,4-D (Dichlorophenoxyacetic Acid) | U240 | 200, TCLP | 0.7 | 94-75-7 |
| 2,4,5-TP (Silvex) | F027 | 20, TCLP | 0.5 | 93-72-1 |
| 2,4,5-Trichlorophenol | F027 | 6100 | 36* | 95-95-4 |
| 2,4,5-T (Trichlorophenoxyacetic Acid) | F027 | 610 | 3.6* | 93-76-5 |

*EPA Region 9 Tap Water PRG

After further evaluation, 1,4 Dioxane (U108) was removed from the listed waste table since there is no history of this product being used at SRS.

Secondary solid waste includes but is not limited to personal protective equipment (PPE), job control waste (JCW), filters, carbon, disposable equipment, piping, etc. Waste management options for this waste stream will be as follows:

- Manage off-unit as RCRA hazardous waste pending an F027 evaluation.
- Dispose and solidify in the CMP Pits manholes.
- Manage as non-hazardous pending sample verification below Table 7 soil HBLs.
- Carbon used for wastewater treatment will be regenerated by the approved vendor. If the carbon cannot be regenerated, it will be evaluated against secondary waste options 1, 2, or 3 or bio-remediated the carbon with the soil.
- Decon of equipment, piping as noted below.

Equipment for reuse will be decontaminated by one of the following methods:

- A fifteen-minute air flush of SVE unit and associated equipment.
- Equipment used during wastewater management will be decontaminated by flushing or rinsing with water. Water used during decontamination will be discharged to the ground inside the AOC at or near the point of generation.
- Equipment coming in contact with surface soils will be brushed-off to remove visible soil.

During ERH/SVE unit operations, groundwater/wastewater will be managed and treated on-unit in accordance with the requirements of South Carolina Industrial Wastewater Treatment standards. Land application of the treated wastewater from this system will be in accordance with the requirements of the South Carolina NPDES/ND program. The wastewater treatment system will be designed and operated to meet the NPDES limits. Periodic samples will be collected from the discharge to ensure compliance.

Groundwater/wastewater generated after completion of ERH/SVE unit operations will be evaluated against the groundwater HBLs found in Table 7. If the wastewater is below the HBLs, it can be discharged to the ground in the area of generation. If the wastewater is above the HBLs, pending an F027 evaluation, it will be shipped off-unit for treatment and disposal upon meeting the waste acceptance criteria for the receiving facility. Other disposal options will be evaluated as necessary and appropriate approvals/permits obtained.

Previous verification samples have indicated the decontamination methods listed above are effective in removing all hazardous constituents below the respective HBLs. Based on this previous data, equipment shall be released after decontamination without collection of verification samples.

## 4.5 Quality Assurance

Quality Assurance (QA) for the RA is provided through implementation of the performance requirements specified in the design documents to ensure compliance with the approved ROD (WSRC 2004a). Design documents are developed in accordance with the WSRC Manual E7, *Conduct of Engineering and Technical Support,* to ensure quality work and conformance with the requirements of the WSRC Manual 1Q, *Quality Assurance Manual.* The well drilling scope for this RA will be performed by a constructor who has been pre-qualified to perform environmental remediation work at SRS. As stated earlier, the RA constructor's team (including subtier contractors) will be required to have the necessary qualifications and experience to perform the required tasks.

Quality control inspections of all critical construction activities related to implementation of the RA will be performed. The inspections will ensure conformance to the specified requirements and the acceptance criteria. The PCR will contain a summary of the results of the quality control test and inspections.

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United States Department of Energy

Savannah River Site

# Record of Decision
# Remedial Alternative Selection for the Chemicals, Metals, and Pesticides Pits Operable Unit (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) (U)

CERCLIS Number: 24

WSRC-RP-2004-4090

Revision 1

December 2004

Prepared by:
Westinghouse Savannah River Company LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-96SR18500

# DECLARATION FOR THE RECORD OF DECISION

*Unit Name and Location*

Chemicals, Metals, and Pesticides Pits Operable Unit (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G)

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Identification Number: OU-24

Savannah River Site

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Identification Number: SC1 890 008 989

Aiken, South Carolina

United States Department of Energy

The Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) (CMP Pits) Operable Unit (OU) is listed as a Resource Conservation and Recovery Act (RCRA) 3004(u) Solid Waste Management Unit/CERCLA unit in Appendix C of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS).

The FFA is a legally binding agreement between regulatory agencies [United States Environmental Protection Agency (USEPA) and South Carolina Department of Health and Environmental Control (SCDHEC)] and regulated entities [United States Department of Energy (USDOE)] that establishes the responsibilities and schedules for the comprehensive remediation of SRS. The CMP Pits OU is comprised of (1) Ballast Area soils, (2) CMP Pits and associated vadose zone (Field A), (3) Vadose zone (Field B), (4) Groundwater, and (5) Surface Water and Sediment (Figure I). The media associated with this OU are surface soil, subsurface soil, groundwater, sediment and surface water.

Surface water downstream from SRS is subject to beneficial uses such as irrigation or drinking water.

## VII. SUMMARY OF OPERABLE UNIT RISKS

### Baseline Risk Assessment

As a component of the RFI/RI process, a BRA (WSRC 2003b) was performed to evaluate risks associated with the CMP Pits OU. The BRA determines what risks would be posed by the unit if no action were taken. The BRA provides the basis for taking action and identifies the contaminants and exposure pathways that need to be addressed by the remedial action. The findings of the BRA include human health and ecological risk assessments and are summarized in the following paragraphs.

### Summary of Human Health Risk Assessment

#### *Identification of COCs*

The following tables (Tables 2 through 4) present the refined constituents of concern (RCOCs) and exposure point concentrations (EPCs) for each COC identified at the CMP Pits OU. RCOCs are those constituents that are targeted for further remedial evaluation following the BRA and uncertainty analysis. The EPC is the concentration used to estimate the exposure and risk for each COC. The tables include the range of concentrations detected for each COC, as well as the frequency of detection, the EPC, and the statistical method used to derive the EPC. The EPC is determined as the lesser of the maximum detected concentrations and the 95$^{th}$ percent upper confidence limit (95% UCL) on the mean. Chapters 9 and 5 in the RFI/RI Addendum with BRA (WSRC 2003b) contain additional information regarding selection of the RCOCs and EPC respectively.

**Table 4. Summary of Human Health Constituents of Concern and Medium-Specific Exposure Point Concentrations for Groundwater**

Scenario Timeframe: Future
Medium: Groundwater
Exposure Medium: Groundwater

| Exposure Route | Constituent of Concern | Concentration Detected | | Units | Frequency of Detection | Exposure Point Concentration | Exposure Point Concentration Units | Statistical Measure |
|---|---|---|---|---|---|---|---|---|
| | | Min | Max | | | | | |
| Tap Water and Shower Vapors | Alpha-BHC | 1.27E-05 | 2.01E-03 | mg/L | 82 / 150 | 2.01E-04 | mg/L | 95% UCL |
| | Beta-BHC | 7.08E-06 | 4.94E-04 | mg/L | 72 / 150 | 1.16E-04 | mg/L | 95% UCL |
| | Delta-BHC | 6.00E-06 | 2.53E-03 | mg/L | 82 / 150 | 2.35E-04 | mg/L | 95% UCL |
| | Dieldrin | 5.00E-06 | 6.80E-05 | mg/L | 19 / 148 | 6.80E-05 | mg/L | 95% UCL |
| | Lindane | 1.10E-05 | 4.23E-03 | mg/L | 88 / 150 | 4.33E-04 | mg/L | 95% UCL |
| | Bis(2-ethylhexyl) phthalate | 2.69E-04 | 1.19E-02 | mg/L | 26 / 57 | 1.25E-03 | mg/L | 95% UCL |
| | Bromodichloro-methane | 2.81E-04 | 3.44E-02 | mg/L | 39 / 139 | 1.88E-03 | mg/L | 95% UCL |
| | Carbon Tetrachloride | 4.56E-04 | 8.10E-01 | mg/L | 85 / 139 | 4.13E-02 | mg/L | 95% UCL |
| | Chloroform | 2.58E-04 | 2.50E-01 | mg/L | 90 / 139 | 1.77E-02 | mg/L | 95% UCL |
| | Dichloromethane | 4.70E-04 | 2.54E-01 | mg/L | 49 / 139 | 2.89E-02 | mg/L | 95% UCL |
| | PCE | 2.65E-04 | 1.88E+01 | mg/L | 109 / 139 | 1.57E+00 | mg/L | 95% UCL |
| | TCE | 5.94E-04 | 4.21E+00 | mg/L | 107 / 139 | 5.30E-01 | mg/L | 95% UCL |

Key
BHC: benzene hexachloride
PCE: Tetrachloroethylene
TCE: Trichloroethylene
MAX: maximum concentration
95% UCL: 95% Upper Confidence Limit

### *Exposure Assessment*

Potential receptors are expected to differ for the current and future land use scenarios. The possible receptor under the current land use scenario is the known on-unit worker. Possible receptors under the future land use scenario include the hypothetical on-unit industrial worker and hypothetical on-unit residents (adult and child).

Current Land Use

The current potential receptor for exposure to constituents associated with the CMP Pits OU is the on-unit worker who comes to the area on an infrequent or occasional basis. Known on-unit workers are defined as SRS employees who work at or in the vicinity of

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: RSD series wells: RSD002DU

Project Team: UTR/R-Rx Seepage Basin (RRSB) OU **RCRA =** No

Project ECA: Karen D. Morrow **CERCLA =** Yes

Listing constituents and RCRA Codes: The RRSB OU is managed as low-level radioactive under CERCLA and is therefore non-listed for RCRA

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. Per the Waste Management Plan for the RRSB OU Remediation Project (see Section 6 of Ref. 1), there is no history of hazardous waste

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. References:

[1] Waste Management Plan (WMP) for the R-Reactor Seepage Basin (RRSB) Remediation Project Operable Unit (OU), WSRC-RP-2004-4012, Revision 2, February 2005.

Preparer: K.D. Morrow Date: 10/15/2009 Checker: Roger Szelmeczka Date: 10/15/09

# 5.0 WASTE STREAM IDENTIFICATION AND DESCRIPTION

## 5.1 R-Reactor Seepage Basin Background

The RRSB OU will be managed as low-level radioactive waste under CERCLA, and waste will be disposed of at the unit. R-Area is located in the eastern-central portion of SRS, west of Par Pond near the intersection of SRS Roads 6 and 7. The RRSB is located at the northern portion of R-Reactor Area. This OU consists of six basins, constructed between June 1957 and March 1958, receiving an estimated 5-million gallons of purge water from the R-Reactor disassembly basin. Primary radionuclides present are strontium-90 (Sr-90) and cesium-137 (Cs-137). The abandoned process sewer lines extend from the R-Reactor disassembly basin to Basins 1 and 6.

A sanitary sewer system was breached during construction of Basins 1 and 5 and received the contaminated water discharged to the basins. Basins 1 through 5 were all deactivated and backfilled in 1960, while Basin 6 was deactivated and backfilled in 1977.

Currently, the RRSB consists of Seepage Basins 1 through 6, abandoned process sewer lines, sanitary sewer system, surface water and sediment, and groundwater. Remediation activities will occur in Basins 1 through 6, the abandoned process sewer line, and portions of the sanitary sewer line.

During 1996, a removal action was performed to control the spread of radioactively contaminated soil from bioturbation and vegetation, to reduce infiltration of rainwater, and to control erosion. A layer of approximately 1.5 ft of clean soil was placed over an existing asphalt emulsion. Following compaction, a 4-inch layer of asphalt was placed over clean soil, bringing the unit to its present condition.

### 5.1.1 Remediation Waste

Remediation waste expected to be generated during the closure activity includes piping, soil, debris, PPE, job control waste, small contaminated equipment, silt fence, geosynthetic fabric, wooden/metal shack, concrete/brick rubble, abandoned well parts, sand bags, plastic, vegetation,

Based on sampling results, radiological contamination is largely confined to a 3- to 10-ft layer within the basins. The highest concentrations occur at the interface of the backfill material and the top of the original basin soil. Basin 1 has the highest concentration, followed by Basin 2 and Basin 3. Basin 5 has higher concentrations than Basin 4, and Basin 6 has the lowest concentration. PTSM corresponds to a threshold value of 106 pCi/g for Cs-137. PTSM occurs as a layer located at the basin floor. Based on their history of use, the contaminated portions of the process sewer line and the sanitary sewer line are considered PTSM.

Section 6

The RRSB has no history of hazardous waste. If any suspect hazardous waste is encountered, the Subcontractor shall immediately contact the STR. The only potential for generation of HW or MW would be the introduction of chemicals into the waste unit. To control this, the Subcontractor will implement a system in which no chemicals of any type will be allowed into the basin without reviews by the STR, HSO, GCO, and Environmental Compliance Authority (ECA) to address safety as well as RCRA concerns. The HSO will implement a method to track chemicals used at the waste site.

The expectation is to dispose of all LLW at the unit. Waste will not be characterized or disposed of outside of the RRSB unit.

Field screening and sampling of soil below the pipelines may reveal the need to remove additional contaminated soils. Debris and secondary waste will not require characterization unless the waste potentially contains RCRA-regulated constituents.

Secondary waste (e.g., job control waste, disposable PPE) that is generated during remediation activities and that contacts the contaminated media will be managed as radioactive waste and disposed of in the RRSB disposal trenches.

It is expected that all CERCLA LLW will be disposed of in the disposal trench at RRSB. No waste will be characterized and disposed off-unit unless some aqueous remediation waste must be disposed of at an onsite treatment facility.

United States Department of Energy

Savannah River Site

# Waste Management Plan (WMP) for the R-Reactor Seepage Basin (RRSB) Remediation Project Operable Unit (OU) (U)

WSRC-RP-2004-4012

Revision 2

February 2005

Prepared by:
Westinghouse Savannah River Company LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-96SR18500

can be land-applied within the AOC, subject to the appropriate erosion control measures so that the water is evenly dispersed on the ground and will not generate a new stormwater runoff source. If the results are greater than 3 dpm/mL gross alpha, 16 dpm/mL nonvolatile beta, or 800,000 pCi/mL tritium and cannot be used in soil conditioning within the operating unit or placed on the composting pile, the Subcontractor (with Westinghouse Savannah River Company (WSRC) concurrence), as a final resort, will be required to filter the water and pump to a holding container with a sample collection point. The Subcontractor will take appropriate measures to control the sediment pumped to the holding container. The water must meet the WAC at the Effluent Treatment Project (ETP). Samples of water will be taken by WSRC. The holding container must be able to be decontaminated unconditionally released. WSRC will perform the characterization activities to meet the ETP WAC and transport the waste to ETP if required.

No hazardous or mixed wastes are expected to be generated or dispositioned during this remediation project.

## 6.0 WASTE STREAM CHARACTERIZATION

Characterization data for the RRSB is documented in the *RCRA Facility Investigation/Remedial Investigation Report with Baseline Risk Assessment for the R-Reactor Seepage Basins/108-4R Overflow Basin Operable Unit (U),* WSRC-RP-98-00314. The basins received an estimated 5-million gallons of purge water from the R-Reactor disassembly basin. Primary radionuclides present were Sr-90 and Cs-137. The abandoned process sewer lines extend from the R-Reactor disassembly basin to Basins 1 and 6. A sanitary sewer system was breached during construction of Basins 1 and 5 and received the contaminated water discharged to the basins. The primary source of contamination from and within the RRSB is purge water that was released to the seepage basins via process sewer lines. The purge water, which contained tritium, Cs-137, Sr-90, and other radionuclides, originated from the reactor disassembly basin. An estimated total of 4,808,000 gallons of purge water containing approximately 3,276 Ci total activity was released to the seepage basins during their operation. Consequently the subsurface soil associated with the basin bottoms, the process sewer lines, and the contaminated sections of the sanitary sewer lines are considered PTSM.

**ATTACHMENT 1**
**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE**

Unit Name: CRP22A (located in CBRP OU)

Project Team: UTR/Reactor Areas/CBRP OU **RCRA** = No

Project ECA: Karen Morrow **CERCLA** = Yes

Listing constituents and RCRA Codes: The CRP22A well is considered non-RCRA listed No conclusive information exists to define the CBRP OU source as listed. However, current and historical data suggests that groundwater from the CBRP may be characteristically hazardous for Trichloroethylene (TCE, D040)

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. A TCE plume exists in the CBRP OU with contaminated groundwater confined to the Upper Three Runs aquifer above the Green Clay Confining Zone of the SRS's Hydrostratigraphic Units. Alternatively, the CRP22A well is established below the Green Clay Zone. Furthermore, no listed source is determined to exist for the CBRP OU. Based on the information above, the CRP22A well does not meet the listing criteria of 40 CFR 261 Subpart D

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. **Ref. [1]** MNA Effectiveness Monitoring Plan for the CBRP OU, WSRC-RP-2008-4049, Revision 1, January 2009
**Ref. [2]** CMI/RAIP for C-Area Burning/Rubble Pit Operable Unit (131-C) and Old C-Area Burning/Rubble Pit (NBN), WSRC-RP-2008-4051, Revision 1, January 2009
**Ref. [3]** SRS Environmental Report for 2008, SRNS-STI-2009-00190

Preparer: K.D. Morrow Date: 11/9/09 Checker: Susan W Ridgeway Date: 11/10/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: ABRP/MCB/MBP Operable Unit

Project Team: GSA

Project ECA: Susan Ridgeway

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

This applies to vadose zone extraction wells ABV-01, AHT-05, and ASH-06. Per the RFI/RI with BRA for ABRP, the material placed in the three disposal pits (731-A, 731-1A, and 731-2A) is not specifically known from historical information typical waste consists of debris (paper, lumber, cans, etc.) and industrial wastes (oil, degreasers, and drummed solvents). Records of disposal are not available for the Potential Pit. The Conceptual Site Model for the ABRP OU identifies debris and fill material disposed at the Trench and Ash Scatter Area/Ditch as the primary sources of contamination. Therefore, there are no known listed sources at this OU

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-96-168, Revision 1.2; WSRC-RP-2002-4209, Revision 1

RCRA Facility Investigation/Remedial Investigation Report with Baseline Risk Assessment for the A-Area Burning/Rubble Pits and Rubble Pit; Addendum to the Revison 1.2 RFI/RI with BRA for the A-Area Burning/Rubble Pits and Rubble Pit (WSRC-RP-96-168)

Preparer: Susan Ridgeway Date: 10/14/09 Checker: Leslie Wells Date: 10/14/09

## 3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

The A-Area BRP/RP consists of covered earthen pits and a nearby Potential Pit and Depressional Area. The unit is surrounded by gravel access roads and flat, grassy, and wooded terrain, and is at an elevation of approximately 345 feet msl, with topographic relief of 2 to 4 feet across the surface. The unit is situated on the eastern side of a topographic divide which separates Tim's Branch and its tributaries from swampland and low-lying areas to the west. The unit is in the Upper Three Runs watershed. The area of the unit is underlain by the Altamaha, Tobacco Road, and Dry Branch Formations.

## 4.0 NATURE AND EXTENT OF CONTAMINATION

### Primary Sources

The material placed in the three disposal pits (731-A, 731-1A, and 731-2A) is not specifically known from historical information, however typical waste consists of debris (paper, lumber, cans, etc.) and industrial wastes (oil, degreasers, and drummed solvents). Records of disposal are not available for the Potential Pit. The boring at ARS-11A in rubble pit 731-2A encountered a sludge layer at a depth below the surface of 3.8 to 4.4 m (12.5 to 14.5 ft). This material was determined to contain high concentrations of semi-volatile compounds, predominantly polycyclic aromatic hydrocarbons (PAHs). Concentrations of the PAHs ranged up to 2,030,000 ug/kg of fluoranthene; 1,950,000 ug/kg of phenanthrene; and 1,500,000 ug/kg of pyrene.

A zone of saturated soil was present above the sludge layer. A sample of the liquid was collected and analyzed. Its primary constituents were PAHs, for example, benzo(b)fluoranthene (2,000 ug/L), chrysene (2,000 ug/L), and fluoranthene (5,000 ug/L). Low concentrations of volatile organic compounds (VOCs) were present, with methyl isobutyl ketone and xylenes the highest at 12 μg/kg and 14 μg/kg, respectively.

No other materials to indicate the potential for release of constituents as a point source were found; however, historical records indicate that drummed solvents may have been placed in one or more of the pits.

identified are the Ash Scatter Area, Ditch, and Trench. The A-Area Ash Pile is not considered to be a primary source of contamination due to the nature of contaminants found to be of concern at the ABRP OU (volatile organic compounds [VOCs]).

The aerial photographs revealed that the Trench and Ditch were not present in 1951, but were visible on those taken in 1955. By 1978, the Trench appeared to be completely covered by the A-Area Ash Pile, except for the southern end, which is currently designated as the Exposed Trench (see Figure 1.3-1). Most of the Trench is located beneath the active A-Area Ash Pile (788-2A), with approximately 6.1 m (20 ft) extending beyond the southern boundary of the A-Area Ash Pile (i.e., the Exposed Trench). The Ditch, which was covered with fill material by the late 1970s, is located at the northern end of the Trench and A-Area Ash Pile; it extends northeast toward SRS Road C-1. The Ash Scatter Area was first identifiable in a 1982 aerial photograph.

**RFI/RI/BRA Investigation (Conceptual Site Model)**

This RFI/RI/BRA investigation and analysis resulted in an improved understanding of the ABRP OU. The conceptual site model (CSM) for the ABRP OU, described in Chapter 2 of this report, identifies the sources of contamination, release mechanisms, media of concern, and receptors of interest. The CSM was revised in Chapter 9 (Figure 9.3-1) following the applicable or relevant and appropriate requirements (ARARs), principal threat source material (PTSM), contaminant migration analysis, and human health and ecological risk assessments (ERAs) to present the conceptual understanding of the unit following the RFI/RI/BRA investigation.

Primary sources of contamination are areas where waste was placed or where PTSM was identified during the investigation. The CSM for the ABRP OU identifies debris and fill material disposed at the Trench and Ash Scatter Area/Ditch as the primary sources of contamination. Secondary sources of contamination are contiguous with the primary source areas. Secondary sources identified for the ABRP OU potentially include surface soil (0 to 0.3 m [0 to 1 ft]), subsurface soil (0 to 1.2 m [0 to 4 ft]), and deep soil (>1.2 m [>4 ft]). M-Area aquifer and Lost Lake aquifer groundwater are considered potentially contaminated exposure media. Risks and hazards associated with exposures to volatile organic compounds (VOCs) above maximum

## 1.3 Unit Description

The A-Area Burning/Rubble Pits (731-A and 731-1A) and Rubble Pit (731-2A) OU is located approximately 2.4 km (1.5 mi) south of M Area, immediately west of SRS Road D, and northeast of SRS Road C (Figure 1.0-1). The A-Area Ash Pile (788-2A), not part of the ABRP OU, is located about 30.5 m (100 ft) east of the burning/rubble pits and is currently permitted under South Carolina Industrial Solid Waste Regulations. The pits and A-Area Ash Pile are surrounded by gravel access roads and are situated in a mix of relatively flat grassy and wooded terrain.

Facility documentation indicates that the two Burning/Rubble Pits (731-A, -1A) located in the ABRP OU were first constructed around 1961. Each pit is approximately 6.7 m (22 ft) wide, 2.7 m to 3.1 m (9 to 10 ft) deep, and 76.2 m (250 ft) long. A rubble pit (731-2A) was located by ground penetrating radar to the west of these two pits. No specific records are known to exist for the pits; however, SRS rubble pits were generally used to dispose of construction debris, waste wood products, and non-returnable empty drums. The pits were not used after 1983, and were covered with soil to grade level.

The previous characterization described in the Rev. 1.2 RFI/RI/BRA (WSRC 1997) was performed in the areas described above as well as the potential pit and depressional area (Figure 1.3-1). The A-Area Burning/Rubble Pits (731-1 and 731-1A) and Rubble Pit (731-2A) were initially characterized beginning in 1992. In 1997, the Rev. 1.2 RFI/RI/BRA (WSRC 1997) was submitted and approved. Based on this initial characterization, an Interim Record of Decision for the M-Area aquifer and the surface soils was submitted and approved. Construction of the soil cover and air sparge/passive SVE system for groundwater treatment was completed in September 2001 and is currently in use. Additionally, microblowers have been installed on four wells (AHT-5, AHT-6, ASH-6, and ABV-1; Figure 2.3-1) located in the Trench area as described in the Explanation of Significant Difference for the A-Area Burning/Rubble Pits (731-A/1A) and the Rubble Pit (731-2A) (WSRC 2001b), approved in April 2002.

The characterization described in this Addendum includes investigation of source areas identified from aerial photographs that had not been previously geo-referenced. The areas

10/5/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: M-Area Chemical Oxidation (MACO) wells installed in the Lost Lake Aquifer Zone (MOP-1C, MOP-1BU, MOP-2BU, MOP-2BL, MOP-3BU, MIP-1C)

Project Team: Upper Three Runs/ Reactor Projects

Project ECA: RW Szelmeczka

Listing constituents and RCRA Codes:
PCE and TCE / (F001 and F002)

RCRA = YES
CERCLA = NO

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:

These four (4) monitoring wells and one (1) injection well are screened in the PCE- and TCE-contaminated LLAZ and were intentionally sited **in the groundwater plume** as this project is a treatability demonstration project using chemical oxidation to remediate TCE/PCE groundwater contamination

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:

*Annual 2008 M-Area and Metallurgical Laboratory Hazardous Waste Management Facilities Groundwater Monitoring and Corrective Action Report (U)*, SRNS-RP-2008-01315, March 2009

Preparer: RW Szelmeczka Date: ~~7/24/09~~ 9/24/9 Checker: Casey Knapp Date: 7/24/09 09/24/09.

10/15/09 P. Casey Knapp 10/15/09.

**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS**
**RCRA/CERCLA PROGRAM**
**AND**
**LISTED WASTE CONTAINED-IN STATUS**

**Unit Name:** RCRA GW monitoring wells SSL030B, SSM021B, SSM024AL, SSM024AU, SSM025AL, and SSM025TA

**Project Team:** UTR/Rxs

**Is this a RCRA or CERCLA well (series)?** RCRA

**Project ECA:** Roger Szelmeczka

**Does this well contain a listed waste?** Yes

**Listing constituents and RCRA Codes:**

**SSL030B, SSM025TA**: contain TCE (F001)

**SSM021B, SSM024AL, SSM024AU, SSM025AL**: contain PCE and TCE (F001)

**Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:**

**SSL030B** is a priximal monitoring well in the LLLAZ/MSAZ/CBCU. **SSM021B** is in the LLAZ which contains a listed waste (TCE & PCE) from the A-014 outfall and the plumes have reached this well. **SSM024AL, SSM024AU, and SSM025AL** are in the PCE and TCE plumes in the MSAZ/CBCU. **SSM025TA** is in the TCE plume in the CBAU.

**Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:**

*Annual 2008 M-Area and Metallurgical Laboratory Hazardous Waste Management Facilities Groundwater Monitoring and Corrective Action Report (U)*, SRNS-RP-2008-01315, March 2009

**Preparer:** RW Szelmeczka **Date:** 9/25/09 **Checker:** Shelia L. McDaniel **Date:** 11/17/09

**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS**
**RCRA/CERCLA PROGRAM**
**AND**
**LISTED WASTE CONTAINED-IN STATUS**

**Unit Name:** Wells MSB101A, MSB104B, PW 82A, SSM021B

**Project Team:** UTR/Rx Projects

**Is this a RCRA or CERCLA well (series)?** RCRA

**Project ECA:** Roger Szelmeczka

**Does this well contain a listed waste?** Yes

**Listing constituents and RCRA Codes:**

MSB101A: TCE (F001)
MSB104B: TCE (F001)
PW 82A: PCE & TCE (F001)
SSM021B: TCE (F001)

**Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:**

Reviewed contaminant plumes documented in published reports vs. well location.

**Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:**

*SEMI-ANNUAL 2009 M-AREA AND METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITIES GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT (U)*, SRNS-RP-2009-00803, September 2009

**Preparer:** RW Szelmeczka **Date:** 9/28/09 **Checker:** Shelia L. Wells **Date:** 11/17/09

**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS**
**RCRA/CERCLA PROGRAM**
**AND**
**LISTED WASTE CONTAINED-IN STATUS**

**Unit Name:** Wells: MSB101B, MSB101C, MSB102A, MSB102B, MSB102C, MSB103A, PW 20A, PW 53A, SSM011A, SSM019B, SSM019C, SSM020A, SSM020C, SSM024B, SSR001C, SSR004C, SSR005C, SSR006C, SSR007C, SSR008C, SSR010C

**Project Team:** UTR/Rx

**Is this a RCRA or CERCLA well (series)?** RCRA

**Project ECA:** Roger Szelmeczka

**Does this well contain a listed waste?** Yes

**Listing constituents and RCRA Codes:**

These RCRA wells contain F001-listed waste (TCE/PCE)

**Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:**

Wells are screened in an aquifer zone inside, or immediately adjacent, to the listed-waste contamination plume as indicated in the RCRA Corrective Action Report

**Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:**

SEMI-ANNUAL 2009 MAML HWMF GW & CAR, (SRNS-RP-2009-00803, SEPTEMBER 2009)

**Preparer:** RW Szelmeczka **Date:** 10/8/09 **Checker:** J Kupar **Date:** 10/13/09

**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS**
**RCRA/CERCLA PROGRAM**
**AND**
**LISTED WASTE CONTAINED-IN STATUS**

**Unit Name:** Wells: MSB021TB, MSB021TC, MSB030TB, MSB030TC, MSB075TA, MSB075TB, MSB075TC, MSB 91TB1, MSB 91TB3, MSB 91TB4, MSB100TA, MSB100TB, MSB100TC, MSB102TA, MSB103C, MSB104C, MSB104TA, SSL020B, SSM019D, SSM020B

**Project Team:** UTR/Rx Projects

**Is this a RCRA or CERCLA well (series)?** RCRA

**Project ECA:** Roger Szelmeczka

**Does this well contain a listed waste?** No

**Listing constituents and RCRA Codes:**

These RCRA-program wells do NOT contain listed waste

**Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:**

These wells are screened outsize the perimeter of the contamination plume as indicated in the RCRA Corrective Action Report

**Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:**

SEMI-ANNUAL 2009 MAML HWMF GW & CAR, (SRNS-RP-2009-00803, SEPTEMBER 2009)

**Preparer:** RW Szelmeczka **Date:** 10/8/09 **Checker:** [signature] **Date:** 10/13/09

**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS**
**RCRA/CERCLA PROGRAM**
**AND**
**LISTED WASTE CONTAINED-IN STATUS**

**Unit Name:** Sanitary Landfill Piezometers: LFP 1WP, LFP 2WP, LFP 3WP, LFP 4WP, LFP 5WP, LFP 6WP, LFP 7WP, LFP 9WP, LFP 10WP, LFP 11WP, LFP 12WP, LFP 13WP, LFP 14WP

**Project Team:** UTR/Rx

**Is this a RCRA or CERCLA well (series)?** RCRA

**Project ECA:** Roger Szelmeczka

**Does this well contain a listed waste?** Yes

**Listing constituents and RCRA Codes:**

F001, F002, F003, F005: Benzene, Chlorobenzene, Methy ethyl ketone, Pyridine, Tetrachloroethylene, Trichloroethylene

**Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:**

These are shallow piezometers situated in upper portion of the Steed Pond Aquifer which is the uppermost unconfined aquifer under the SLF and is contaminated from the disposal of solvent rags, as described in detail in Section C of Volume XXIII, SLF RCRA Part B Renewal App

**Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:**

2000 RCRA Part B Permit Renewal Application,Volume XXIII, Sanitary Landfill Postclosure, WSRC-IM-98-30

Semi-Annual 2009 Sanitary Landfill Groundwater Monitoring and Corrective Action Report, SRNS-RP-2009-00648

**Preparer:** RW Szelmeczka **Date:** 10/13/09 **Checker:** [signature] **Date:** 10/14/09

# ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS
# RCRA/CERCLA PROGRAM
# AND
# LISTED WASTE CONTAINED-IN STATUS

**Unit Name:** Wells: ABS 2B / ABS 3B / ABS 4B / ABS 7B / ABS 10B

**Project Team:**

**Is this a RCRA or CERCLA well (series)?** CERCLA

**Project ECA:** Roger Szelmeczka

**Does this well contain a listed waste?** No

**Listing constituents and RCRA Codes:**

Not applicable.

**Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision:**

These wells were constructed as injection wells under the CERCLA program for remediation (air sparging) of a non-listed waste releases from the A-Area Burning Rubble Pit (ABRP) in the M-Area aquifer zone. The ABRP was incorporated into the MAML due to co-mingling of contamination plumes beneath the MAAZ. Most of these wells are no longer in contact with groundwater. These wells do not contain a listed waste because co-mingling has not occurred in the MAAZ upstream of these wells.

**Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination:**

SRS Well Inventory Atlas (SGC-2003-00001, March 2004)

SEMI-ANNUAL 2009 MAML HWMF GW & CAR, (SRNS-RP-2009-00803, SEPTEMBER 2009)

**Preparer:** RW Szelmeczka **Date:** 10/14/09 **Checker:** Shelia L. McWells **Date:** 11/17/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: STR222O, STR002M, STR003T, STR316O

Project Team: UTR/RX **RCRA** = Yes

Project ECA: Roger Szelmeczka **CERCLA** = No

Listing constituents and RCRA Codes: Note: The same codes apply to each location.

F001 (trichloroethylene, tetrachloroethylene, carbon tetrachloride, 1,1,1-trichloroethane). F002 ( trichloroethylene, tetrachloroethylene, chlorobenzene, trichlorofluoromethane, 1,1,1-trichloroethane). F003 (acetone). F005 (benzene, methyl ethyl ketone). U002 (acetone). U019 (benzene). U037 (chlorobenzene). U080 (methylene chloride). U121 (trichlorofluoromethane). U159 (methly ethyl ketone). U210 (tetrachloroethylene). U211 (carbon tetrachloride). U226 (1,1,1-trichloroethane). U228 (trichloroethylene)

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

NOTE: These are ports on the M-1 Air Stripper. These are at a location where the RWM wells and the Purge Water Tank are combined. The listing basis is the same (and is documented under) as the RWM wells, in addition to other wells that are treated

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Wells that are treated at the M-1 Air Stripper are included in the Well Containerization List (ERD-EN-2004-0253). The RCRA codes for the wells are captured in the M-1 Waste Acceptance Criteria (ERD-EN-2002-0037)

Preparer: Randy Weigel RWW Date: 12/3/2009 Checker: [signature] Date: 12/3/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: STR401I, STR312I

Project Team: UTR/RX **RCRA** = Yes

Project ECA: Roger Szelmeczka **CERCLA** = Yes

Listing constituents and RCRA Codes: Note: The same codes apply to each location.

F001 (trichloroethylene, tetrachloroethylene, carbon tetrachloride, 1,1,1-trichloroethane). F002 ( trichloroethylene, tetrachloroethylene, chlorobenzene, trichlorofluoromethane, 1,1,1-trichloroethane). F003 (acetone). F005 (benzene, methyl ethyl ketone). U002 (acetone). U019 (benzene). U037 (chlorobenzene). U080 (methylene chloride). U121 (trichlorofluoromethane). U159 (methly ethyl ketone). U210 (tetrachloroethylene). U211 (carbon tetrachloride). U226 (1,1,1-trichloroethane). U228 (trichloroethylene)

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

NOTE: These are INLET ports just prior to the M-1 Air Stripper, at a location where the RWM wells and the Purge Water Tank are combined. The listing basis is the same (and is documented under) as the RWM wells, in addition to other wells that are treated

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Wells that are treated at the M-1 Air Stripper are included in the Well Containerization List (ERD-EN-2004-0253). The RCRA codes for the wells are captured in the M-1 Waste Acceptance Criteria (ERD-EN-2002-0037). Since this is a location just prior to treatment, these two locations are considered under CERCLA

Preparer: Randy Weigel Date: 12/3/2009 Checker: Date: 12/3/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: F Area HWMF (a.k.a., F Area Seepage Basin)

Project Team: GSA/Arcadis

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The wastes transferred to the F-Area Seepage Basins included corrosive (D002) and characterisically hazardous wastes (D007 and D009). There is no documentation of listed wastes disposed in the basins. This non-listing extends to the contaminated media including the contaminated groundwater. All groundwater monitoring wells associated with the Arcadis study are therefore non-listed. (IP-1, IP-2, IP-3, 1P-4, 1P-5, PMW-1, PMW-2, PMW-3, PMW-4, PMW -5, PMW-6, PMW-7, PMW-8, PMW-9, PMW-10, PMW-11, PMW-12, PMW-13, PMW-14).

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS

Preparer: Leslie Wells Date: 11/24/2009 Checker: Shelia McFalls Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: D Area Groundwater-Revision 1

Project Team: GSA/DAG

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The source of VOCs in the groundwater at the D-Area Groundater is not from a known listed source. Wells montored for this unit include DWP 1, DWP 2, DWP 3, DWP 6, DWP 7, DWP 8, DWP 9, DWP003A, DWP009.
Revision 1-Additional DAG wells include DAP001, DAP002, DRW-01, DRW-02, DWP-3A, DWP-9A, DCB-27D, DCB-72C

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2008 Annual Groundwater Monitoring Report for the D Area Groundwater Operable Unit, SRNS-RP-2009-00596

Preparer: Leslie Wells Date: 11/24/2009 Checker: Shelia Mcfalls Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: MWMF-Southwest Plume

Project Team: GSA/MWMF

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The MWMF Southeast Plume eminates from the Old Radioactive Waste Burial Ground (ORWBG) Plumes eminating from the ORWBG are considered to be non-listed since the RCRA Part B Application does not mention RCRA listed wastes at the ORWBG. Wells monitoring this plume include, but are not limited to, FHB 4C and FHB 4D

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS
Email, Sarah Campbell to Randall Weigel, 11/08/2001

Preparer: Leslie Wells Date: 11/24/2009 Checker: Shelia McFalls Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: GSA Western Groundwater OU

Project Team: GSA

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The source of VOCs in the GSA Western Groundwater OU is not from a known listed source. Wells in this series include, but are not limited to, FBP12D, FGW003C, FGW005C, FGW012C, FGW012D, FGW019C, FGW022C., FTF 28, UTR 6, UTR 7, UTR-014, UTR-015, UTR-016, UTH-017, UTR-018R, UTR-019, UTR-020

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Western Groundwater OU, ERD-EN-2005-0127, April 2009

Preparer: Leslie Wells Date: 10/13/2009 Checker: Susan Ridgeway Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: GSA Eastern Groundwater OU

Project Team: GSA

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The source of VOCs in the GSA Eastern Groundwater OU is not from a known listed source. Wells montored for this OU include, but are not limited to, HAA016D, HGW1D, HGW2D, HGW3A, HGW 3D, HGW4D.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Eastern Groundwater OU, WSRC-RP-2000-4134, April 2009

Preparer: Leslie Wells Leslie Wells Date: 10/13/2009 Checker: Susan Ridgeway Susan Ridgeway Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: H-Area HWMF (a.k.a. H-Area Seepage Basins)

Project Team: GSA/F&H Project

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The wastes transferred to the H-Area Seepage Basins included corrosive (D002) and characterisically hazardous wastes (D007 and D009). There is no documentation of listed wastes disposed in the basins. This non-listing extends to the contaminated media including the contaminated groundwater. All groundwater monitoring and seepline monitoring wells and the surface water locations are therefore non-listed. This determination includes the background sampling points for Fourmile Branch (FHR 1-9)

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS

Preparer: Leslie Wells Date: 10/23/2009 Checker: Susan Ridgeway Date: 10/26/2009

HSP-034
HSP-046
HSP-013
HSP-043
HSP-025
HSP-004
HSP-71
HSP 76C
HSP-076
FHR 4
FHR 3
FHR 7
FHR 6
FHR 9
FHR 1
FHR 2
FHR 5
FHR 8

**ATTACHMENT 1**
**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE**

Unit Name: H-Area HWMFs (a.k.a., H-Area Seepage Basins)

Project Team: GSA/F&H Project

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The wastes transferred to the H-Area Seepage Basins included corrosive (D002) and characterisically hazardous wastes (D007 and D009). There is no documentation of listed wastes disposed in the basins. This non-listing extends to the contaminated media including the contaminated groundwater. All groundwater monitoring and seepline monitoring wells (including HSB, HSL, HPZ, HSP, HOB series) and the surface water locations (FM and FMC series) are therefore non-listed. See attached list for wells monitored for H-Area.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS

Preparer: Leslie Wells Leslie Wells Date: 10/02/2009 10/12/09 Checker: Susan Ridgeway Date: 10/12/09

D H E C
PROMOTE PROTECT PROSPER
2600 Bull Street
Columbia, SC 29201-1708

# OFFICE OF ENVIRONMENTAL QUALITY CONTROL

## BUREAU OF LAND AND WASTE MANAGEMENT

## HAZARDOUS AND MIXED WASTE PERMIT

### Permit Number SC1 890 008 989

Issue Date: September 30, 2003

Effective Date: (see Appendix A)

Expiration Date: (see Appendix A)

Date Last Modified:

### This Permit is hereby issued to:

| | | | |
|---|---|---|---|
| Owner/Operator: | United States Department of Energy / Savannah River Site | Facility Contact: | A. B. Gould |
| Address: | Post Office Box A<br>Aiken, South Carolina 29808 | Phone: | 803-952-9323 |
| Phone: | 803-725-6211 | | |

This Permit is for the operation and post-closure care of hazardous and mixed waste management facilities identified in this permit and identification and corrective action for solid waste management units (SWMUs) and Areas of Concern (AOCs) located at the United States Department of Energy/Savannah River Site in Aiken, Allendale, and Barnwell Counties, South Carolina.

This Permit is issued pursuant to Section 44-56-10 et seq. Regulation 61-79 of the 1976 South Carolina Code of Laws, as amended. The authority granted hereunder is subject to the requirements of the aforementioned laws and regulations and the attached conditions.

John Litton, P.E., Director
Division of Waste Management
Bureau of Land and Waste Management

This Permit is the property of the Bureau of Land and Waste Management and must be surrendered on demand. This signature page must be posted at all times in a conspicuous place on the premises.

# MODULE III - POSTCLOSURE CARE

## SECTION C

## H-Area Hazardous Waste Management Facility

The H-Area Hazardous Waste Management Facility (HWMF) consists of three closed surface impoundments. The former basins were constructed in 1955. One of the basins was replaced in 1962. The total working capacity of the basins was 26.51 million gallons. Wastewater flow to the basins was terminated on November 7, 1988 in accordance with the requirements of RCRA. Between 1955 and 1988, the H-Area Seepage Basins received wastewater containing low-level radioactivity and chemicals from the H-Area Separations Facilities. The wastes placed into the H-Area Seepage Basins were characterized as D002 (corrosive), D007 (chromium), and D009 (mercury). The H-Area Seepage Basins were closed in accordance with an approved closure plan by July of 1991.

| site_name | station_id | station_type |
|---|---|---|
| F & H-AREA HAZARDOUS WASTE M | HAS-101 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-102 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-103 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-104 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-105 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-106 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-107 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-108 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-109 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-110 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-111 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HAS-112 | SURFACE WATER |
| F & H-AREA HAZARDOUS WASTE M | HIW 5MC | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HIW 5MC1 | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HIW 5MC2 | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 1D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 2D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 3D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 4D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 5D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 6D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HOB 7D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 1TB | PRODUCTION WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 65B | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 65C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 66DR | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 67 | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 68C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 68DR | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 69 | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 70 | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 70C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 71 | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 71C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 83A | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 83C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 83D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 84A | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 84C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 84D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 85A | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 85B | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 85C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 86B | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB 86C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB100C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB100D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB101C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB101D | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB102C | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | HSB102D | MONITORING WELL |

| | | |
|---|---|---|
| F & H-AREA HAZARDOUS WASTE M | **HSB103C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB103D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB104C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB104D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB105C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB105D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB106C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB106D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB107C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB107D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB108C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB108D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB109C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB109D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB110C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB110D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB111C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB111D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB111E** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB112C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB112D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB112E** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB113C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB113DR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB114CR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB114D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB115CR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB115D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB116CR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB116D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB117C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB118A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB119A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB119C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB119D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB120A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB120C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB120D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB121A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB121C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB121D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB122A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB122D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB123A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB124AR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB126C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB126D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB127C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB127D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB129C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB129D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB130C** | MONITORING WELL |

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| F & H-AREA HAZARDOUS WASTE M | **HSB130D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB131C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB131D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB132C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB132D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB134C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB134D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB135C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB135D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB136C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB136D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB137CR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB137D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB139A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB139C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB139D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB140C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB140D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB141CR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB141D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB142C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB142D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB143C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB143D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB144A** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB145C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB145D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB146C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB146D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB148C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB148D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB150D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB151C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB151DR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB152C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB152DR** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB153C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB153D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB154C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB154D** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSB155C** | MONITORING WELL |
| F & H-AREA HAZARDOUS WASTE M | **HSP-003** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-004** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-008** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-011** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-013** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-015** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-020** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-025** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-029** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-034** | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | **HSP-038** | SEEPLINE |

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| F & H-AREA HAZARDOUS WASTE M | HSP-043 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-046 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-049 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-052 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-057 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-060 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-064 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-071 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-076 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-085 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-092 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-093 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-097 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-097A | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-097B | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-103 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-71 | SEEPLINE |
| F & H-AREA HAZARDOUS WASTE M | HSP-97 | SEEPLINE |
| H-AREA WETLANDS PIEZOMETERS | HPZ 1A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 2A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 3A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 3B | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 4A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 5A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 5B | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HPZ 6AR | PIEZOMETER WELL HPZ 6A |
| H-AREA WETLANDS PIEZOMETERS | HSP 60A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HSP 60B | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HSP 76A | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HSP 76B | PIEZOMETER WELL |
| H-AREA WETLANDS PIEZOMETERS | HSP 76C | SEEPLINE |
| MIXED WASTE MANAGEMENT FACI | HMD 1D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 1D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 2D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 3D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 6A | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 6AA | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 6B | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 6C | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 6D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 7D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 8A | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 8AA | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 8B | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 8C | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 8D | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 9C | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 10C | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL 11C | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL004DR | MONITORING WELL |
| H-AREA HAZARDOUS WASTE MAN/ | HSL005DR | MONITORING WELL |

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: F-Area HWMFs (a.k.a., F-Area Seepage Basins)

Project Team: GSA/F&H Project

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The wastes transferred to the F-Area Seepage Basins included corrosive (D002) and characterisically hazardous wastes (D007 and D009). There is no documentation of listed wastes disposed in the basins. This non-listing extends to the contaminated media including the contaminated groundwater. All groundwater monitoring and seepline monitoring wells (including FSL, FSB, FPZ, FIB, FBI, FEX, FIP, FOB, FSI, FIT, FSP series) and the surface water locations (FM and FMC series) are therefore non-listed. See attached list for wells monitored for F-Area.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS

Preparer: Leslie Wells Leslie Wells Date: 10/02/2009 Checker: Susan Ridgeway Date: 10/12/09

D H E C
PROMOTE PROTECT PROSPER
2600 Bull Street
Columbia, SC 29201-1708

# OFFICE OF ENVIRONMENTAL QUALITY CONTROL

## BUREAU OF LAND AND WASTE MANAGEMENT

## HAZARDOUS AND MIXED WASTE PERMIT

**Permit Number SC1 890 008 989**

Issue Date: September 30, 2003

Effective Date: (see Appendix A)

Expiration Date: (see Appendix A)

Date Last Modified:

**This Permit is hereby issued to:**

| | | | |
|---|---|---|---|
| Owner/Operator: | United States Department of Energy / Savannah River Site | Facility Contact: | A. B. Gould |
| Address: | Post Office Box A<br>Aiken, South Carolina 29808 | Phone: | 803-952-9323 |
| Phone: | 803-725-6211 | | |

This Permit is for the operation and post-closure care of hazardous and mixed waste management facilities identified in this permit and identification and corrective action for solid waste management units (SWMUs) and Areas of Concern (AOCs) located at the United States Department of Energy/Savannah River Site in Aiken, Allendale, and Barnwell Counties, South Carolina.

This Permit is issued pursuant to Section 44-56-10 et seq. Regulation 61-79 of the 1976 South Carolina Code of Laws, as amended. The authority granted hereunder is subject to the requirements of the aforementioned laws and regulations and the attached conditions.

John Litton, P.E., Director
Division of Waste Management
Bureau of Land and Waste Management

This Permit is the property of the Bureau of Land and Waste Management and must be surrendered on demand. This signature page must be posted at all times in a conspicuous place on the premises.

# MODULE III - POSTCLOSURE CARE

## SECTION B

### F-Area Hazardous Waste Management Facility

The F-Area Hazardous Waste Management Facility (HWMF) consists of three closed surface impoundments. The former basins were constructed in 1955 and operated at a total working capacity of 20.5 million gallons. Wastewater flow to the basins was terminated on November 7, 1988 in accordance with the requirements of RCRA. Between 1955 and 1988, the F-Area Seepage Basins received wastewater containing low-level radioactivity and chemicals from the F-Area Separations Facilities. The wastes placed into the F-Area Seepage Basins were characterized as D002 (corrosive), D007 (chromium), and D009 (mercury). The F-Area Seepage Basins were closed in accordance with an approved closure plan by February of 1991.

| site_name | station_id | station_type | well_use | completion_date | date_seale |
|---|---|---|---|---|---|
| F-AREA HAZARDOUS WA: | FSL 1D | MONITORING WELL | ACTIVE | 24-Apr-92 | |
| F-AREA HAZARDOUS WA: | FSL 2D | MONITORING WELL | ACTIVE | 1-Oct-92 | |
| F-AREA HAZARDOUS WA: | FSL 3D | MONITORING WELL | ACTIVE | 23-Sep-92 | |
| F-AREA HAZARDOUS WA: | FSL 4D | MONITORING WELL | ACTIVE | 16-Sep-92 | |
| F-AREA HAZARDOUS WA: | FSL 5D | MONITORING WELL | ACTIVE | 6-Oct-92 | |
| F-AREA HAZARDOUS WA: | FSL 6D | MONITORING WELL | ACTIVE | 5-May-92 | |
| F-AREA HAZARDOUS WA: | FSL 7D | MONITORING WELL | ACTIVE | 12-Jun-92 | |
| F-AREA HAZARDOUS WA: | FSL 8D | MONITORING WELL | ACTIVE | 19-May-92 | |
| F-AREA HAZARDOUS WA: | FSL 9D | MONITORING WELL | ACTIVE | 30-Apr-92 | |
| F-AREA HAZARDOUS WA: | FSL 10C | MONITORING WELL | ACTIVE | 28-Jul-00 | |
| F-AREA HAZARDOUS WA: | FSL 11C | MONITORING WELL | ACTIVE | 26-Jul-00 | |
| F & H-AREA HAZARDOUS | FAS-091 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-092 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-093 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-094 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-095 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-096 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-097 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-098 | SURFACE WATER | ACTIVE | | |
| F & H-AREA HAZARDOUS | FAS-099 | SURFACE WATER | | | |
| F & H-AREA HAZARDOUS | FAS-100 | SURFACE WATER | | | |
| F & H-AREA HAZARDOUS | FAS-101 | SURFACE WATER | | | |
| F & H-AREA HAZARDOUS | FAS-102 | SURFACE WATER | | | |
| F & H-AREA HAZARDOUS | FAW001 | MONITORING WELL | ACTIVE | 30-Jul-08 | |
| F & H-AREA HAZARDOUS | FAW005 | MONITORING WELL | ACTIVE | 1-Aug-08 | |
| F & H-AREA HAZARDOUS | FBI 13D | MONITORING WELL | ACTIVE | 4-Apr-02 | |
| F & H-AREA HAZARDOUS | FBI 14C | MONITORING WELL | ACTIVE | 30-Dec-03 | |
| F & H-AREA HAZARDOUS | FBI 14D | MONITORING WELL | ACTIVE | 22-Mar-02 | |
| F & H-AREA HAZARDOUS | FBI 15D | MONITORING WELL | ACTIVE | 17-Apr-02 | |
| F & H-AREA HAZARDOUS | FBI 16C | MONITORING WELL | ACTIVE | 19-Dec-03 | |
| F & H-AREA HAZARDOUS | FBI 16D | MONITORING WELL | ACTIVE | 12-Apr-02 | |
| F & H-AREA HAZARDOUS | FBI 17D | MONITORING WELL | ACTIVE | 10-Oct-02 | |
| F & H-AREA HAZARDOUS | FEX 4 | EXTRACTION WELL | ACTIVE | 15-Jan-96 | |
| F & H-AREA HAZARDOUS | FEX 7 | EXTRACTION WELL | ACTIVE | 18-Jan-96 | |
| F & H-AREA HAZARDOUS | FIB 1 | PIEZOMETER WELL | ACTIVE | 17-Oct-02 | |
| F & H-AREA HAZARDOUS | FIB 8 | PIEZOMETER WELL | ACTIVE | 22-Oct-02 | |
| F & H-AREA HAZARDOUS | FIB 9 | INJECTION WELL | ACTIVE | 20-Feb-04 | |
| F & H-AREA HAZARDOUS | FIB010 | INJECTION WELL | ACTIVE | 30-Nov-04 | |
| F & H-AREA HAZARDOUS | FIB011 | INJECTION WELL | ACTIVE | 30-Nov-04 | |
| F & H-AREA HAZARDOUS | FIB012 | INJECTION WELL | ACTIVE | 1-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB013 | INJECTION WELL | ACTIVE | 1-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB014 | INJECTION WELL | ACTIVE | 2-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB015 | INJECTION WELL | ACTIVE | 2-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB016 | INJECTION WELL | ACTIVE | 2-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB017 | INJECTION WELL | ACTIVE | 2-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB018 | INJECTION WELL | ACTIVE | 3-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB019 | INJECTION WELL | ACTIVE | 3-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB020 | INJECTION WELL | ACTIVE | 3-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB021 | INJECTION WELL | ACTIVE | 8-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB022 | INJECTION WELL | ACTIVE | 8-Dec-04 | |
| F & H-AREA HAZARDOUS | FIB023 | INJECTION WELL | ACTIVE | 10-Dec-04 | |

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| F & H-AREA HAZARDOUS | **FIB024** | INJECTION WELL | ACTIVE | 9-Dec-04 |
| F & H-AREA HAZARDOUS | **FIB025** | INJECTION WELL | ACTIVE | 9-Dec-04 |
| F & H-AREA HAZARDOUS | **FIB026** | INJECTION WELL | ACTIVE | 9-Dec-04 |
| F & H-AREA HAZARDOUS | **FIB027R** | INJECTION WELL | ACTIVE | 25-Jun-09 |
| F & H-AREA HAZARDOUS | **FIB028R** | INJECTION WELL | ACTIVE | 24-Jun-09 |
| F & H-AREA HAZARDOUS | **FIB029R** | INJECTION WELL | ACTIVE | 24-Jun-09 |
| F & H-AREA HAZARDOUS | **FIN 5R** | INJECTION WELL | ACTIVE | 11-Jul-96 |
| F & H-AREA HAZARDOUS | **FIP001** | WELL | ACTIVE | 24-Jul-08 |
| F & H-AREA HAZARDOUS | **FIP002** | WELL | ACTIVE | 23-Jul-08 |
| F & H-AREA HAZARDOUS | **FIP003** | WELL | ACTIVE | 23-Jul-08 |
| F & H-AREA HAZARDOUS | **FIT001** | INJECTION WELL | ACTIVE | 19-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT002** | INJECTION WELL | ACTIVE | 19-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT003** | INJECTION WELL | ACTIVE | 19-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT004** | INJECTION WELL | ACTIVE | 19-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT005** | INJECTION WELL | ACTIVE | 18-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT006** | INJECTION WELL | ACTIVE | 18-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT007** | INJECTION WELL | ACTIVE | 18-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT008** | INJECTION WELL | ACTIVE | 17-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT009** | INJECTION WELL | ACTIVE | 13-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT010** | INJECTION WELL | ACTIVE | 5-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT011** | INJECTION WELL | ACTIVE | 13-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT012** | INJECTION WELL | ACTIVE | 13-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT013** | INJECTION WELL | ACTIVE | 5-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT014** | INJECTION WELL | ACTIVE | 5-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT015** | INJECTION WELL | ACTIVE | 3-Feb-04 |
| F & H-AREA HAZARDOUS | **FIT016** | INJECTION WELL | ACTIVE | 30-Jan-04 |
| F & H-AREA HAZARDOUS | **FIT017** | INJECTION WELL | ACTIVE | 30-Jan-04 |
| F & H-AREA HAZARDOUS | **FIT018** | INJECTION WELL | ACTIVE | 30-Jan-04 |
| F & H-AREA HAZARDOUS | **FIT019** | INJECTION WELL | ACTIVE | 30-Jan-04 |
| F & H-AREA HAZARDOUS | **FIT020** | INJECTION WELL | ACTIVE | 22-Jan-04 |
| F & H-AREA HAZARDOUS | **FIT021** | INJECTION WELL | ACTIVE | 22-Jan-04 |
| F & H-AREA HAZARDOUS | **FIT022** | INJECTION WELL | ACTIVE | 22-Jan-04 |
| F & H-AREA HAZARDOUS | **FOB 1D** | MONITORING WELL | ACTIVE | 20-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 2C** | MONITORING WELL | ACTIVE | 31-Dec-03 |
| F & H-AREA HAZARDOUS | **FOB 2D** | MONITORING WELL | ACTIVE | 10-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 3D** | MONITORING WELL | ACTIVE | 17-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 4D** | MONITORING WELL | ACTIVE | 23-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 5C** | MONITORING WELL | ACTIVE | 11-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 7A** | MONITORING WELL | ACTIVE | 7-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 7C** | MONITORING WELL | ACTIVE | 8-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 7D** | MONITORING WELL | ACTIVE | 9-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 8D** | MONITORING WELL | ACTIVE | 8-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 9C** | MONITORING WELL | ACTIVE | 18-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 9D** | MONITORING WELL | ACTIVE | 11-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 10D** | MONITORING WELL | ACTIVE | 12-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 11C** | MONITORING WELL | ACTIVE | 10-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 11D** | MONITORING WELL | ACTIVE | 9-Sep-96 |
| F & H-AREA HAZARDOUS | **FOB 12D** | MONITORING WELL | ACTIVE | 8-Oct-96 |
| F & H-AREA HAZARDOUS | **FOB 13D** | MONITORING WELL | ACTIVE | 19-Dec-03 |
| F & H-AREA HAZARDOUS | **FOB 14C** | MONITORING WELL | ACTIVE | 30-Dec-03 |
| F & H-AREA HAZARDOUS | **FOB 14D** | MONITORING WELL | ACTIVE | 30-Dec-03 |
| F & H-AREA HAZARDOUS | **FOB 15D** | MONITORING WELL | ACTIVE | 30-Dec-03 |

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| F & H-AREA HAZARDOUS | **FOB 16D** | MONITORING WELL | ACTIVE | 5-Jan-04 |
| F & H-AREA HAZARDOUS | **FSB 1TA** | PRODUCTION WELL | ACTIVE | 13-Dec-88 |
| F & H-AREA HAZARDOUS | **FSB 76** | MONITORING WELL | ACTIVE | 1-Oct-81 |
| F & H-AREA HAZARDOUS | **FSB 76C** | MONITORING WELL | ACTIVE | 5-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 78** | MONITORING WELL | ACTIVE | 8-Oct-81 |
| F & H-AREA HAZARDOUS | **FSB 78A** | MONITORING WELL | ACTIVE | 20-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 78B** | MONITORING WELL | ACTIVE | 28-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 78C** | MONITORING WELL | ACTIVE | 30-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 79** | MONITORING WELL | ACTIVE | 9-Oct-81 |
| F & H-AREA HAZARDOUS | **FSB 79B** | MONITORING WELL | ACTIVE | 15-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 79C** | MONITORING WELL | ACTIVE | 27-Feb-84 |
| F & H-AREA HAZARDOUS | **FSB 87BR** | MONITORING WELL | ACTIVE | 6-Sep-02 |
| F & H-AREA HAZARDOUS | **FSB 87C** | MONITORING WELL | ACTIVE | 7-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 87D** | MONITORING WELL | ACTIVE | 15-Nov-84 |
| F & H-AREA HAZARDOUS | **FSB 88C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 88D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 89C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 89D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 90C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 90D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 91C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 91D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 92C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 92D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 93C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 93D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 94C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 94DR** | MONITORING WELL | ACTIVE | 2-Oct-90 |
| F & H-AREA HAZARDOUS | **FSB 95CR** | MONITORING WELL | ACTIVE | 21-Sep-90 |
| F & H-AREA HAZARDOUS | **FSB 95DR** | MONITORING WELL | ACTIVE | 21-Sep-90 |
| F & H-AREA HAZARDOUS | **FSB 96AR** | MONITORING WELL | ACTIVE | 24-Sep-90 |
| F & H-AREA HAZARDOUS | **FSB 97A** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 97C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 97D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 98AR** | MONITORING WELL | ACTIVE | 7-Oct-91 |
| F & H-AREA HAZARDOUS | **FSB 98C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 98D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 99A** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 99C** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB 99D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB100A** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB101A** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB102C** | MONITORING WELL | ACTIVE | 1-Feb-88 |
| F & H-AREA HAZARDOUS | **FSB104C** | MONITORING WELL | ACTIVE | 20-Jan-88 |
| F & H-AREA HAZARDOUS | **FSB104D** | MONITORING WELL | ACTIVE | 20-Jan-88 |
| F & H-AREA HAZARDOUS | **FSB107C** | MONITORING WELL | ACTIVE | 15-Jan-88 |
| F & H-AREA HAZARDOUS | **FSB108D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB109D** | MONITORING WELL | ACTIVE | 7-Oct-87 |
| F & H-AREA HAZARDOUS | **FSB112A** | MONITORING WELL | ACTIVE | 22-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB112C** | MONITORING WELL | ACTIVE | 29-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB112DR** | MONITORING WELL | ACTIVE | 30-Sep-03 |
| F & H-AREA HAZARDOUS | **FSB113A** | MONITORING WELL | ACTIVE | 8-Jun-90 |

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| F & H-AREA HAZARDOUS | **FSB113C** | MONITORING WELL | ACTIVE | 13-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB114A** | MONITORING WELL | ACTIVE | 15-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB114C** | MONITORING WELL | ACTIVE | 20-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB114D** | MONITORING WELL | ACTIVE | 20-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB115C** | MONITORING WELL | ACTIVE | 24-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB115D** | MONITORING WELL | ACTIVE | 17-Aug-90 |
| F & H-AREA HAZARDOUS | **FSB116C** | MONITORING WELL | ACTIVE | 24-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB116D** | MONITORING WELL | ACTIVE | 14-Aug-90 |
| F & H-AREA HAZARDOUS | **FSB117D** | MONITORING WELL | ACTIVE | 6-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB118D** | MONITORING WELL | ACTIVE | 3-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB120AR** | MONITORING WELL | ACTIVE | 11-Sep-02 |
| F & H-AREA HAZARDOUS | **FSB120C** | MONITORING WELL | ACTIVE | 17-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB120D** | MONITORING WELL | ACTIVE | 12-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB121C** | MONITORING WELL | ACTIVE | 12-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB122C** | MONITORING WELL | ACTIVE | 29-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB122D** | MONITORING WELL | ACTIVE | 24-Jul-90 |
| F & H-AREA HAZARDOUS | **FSB123C** | MONITORING WELL | ACTIVE | 22-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB123D** | MONITORING WELL | ACTIVE | 22-Jun-90 |
| F & H-AREA HAZARDOUS | **FSB124D** | MONITORING WELL | ACTIVE | 30-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB125DR** | MONITORING WELL | ACTIVE | 19-Jan-05 |
| F & H-AREA HAZARDOUS | **FSB126D** | MONITORING WELL | ACTIVE | 19-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB127D** | MONITORING WELL | ACTIVE | 16-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB128D** | MONITORING WELL | ACTIVE | 19-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB129D** | MONITORING WELL | ACTIVE | 31-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB130D** | MONITORING WELL | ACTIVE | 19-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB131D** | MONITORING WELL | ACTIVE | 19-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB132D** | MONITORING WELL | ACTIVE | 2-Jan-04 |
| F & H-AREA HAZARDOUS | **FSB133D** | MONITORING WELL | ACTIVE | 30-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB134D** | MONITORING WELL | ACTIVE | 31-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB135D** | MONITORING WELL | ACTIVE | 30-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB136D** | MONITORING WELL | ACTIVE | 31-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB137D** | MONITORING WELL | ACTIVE | 31-Dec-03 |
| F & H-AREA HAZARDOUS | **FSB138D** | MONITORING WELL | ACTIVE | 31-Dec-03 |
| F & H-AREA HAZARDOUS | **FSI001** | INJECTION WELL | ACTIVE | 12-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI002** | INJECTION WELL | ACTIVE | 15-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI003** | INJECTION WELL | ACTIVE | 15-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI004** | INJECTION WELL | ACTIVE | 19-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI005** | INJECTION WELL | ACTIVE | 18-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI006** | INJECTION WELL | ACTIVE | 19-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI007** | INJECTION WELL | ACTIVE | 20-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI008** | INJECTION WELL | ACTIVE | 20-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI009** | INJECTION WELL | ACTIVE | 21-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI010** | INJECTION WELL | ACTIVE | 12-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI011** | INJECTION WELL | ACTIVE | 12-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI012** | INJECTION WELL | ACTIVE | 12-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI013** | INJECTION WELL | ACTIVE | 25-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI014** | INJECTION WELL | ACTIVE | 25-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI015** | INJECTION WELL | ACTIVE | 27-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI016** | INJECTION WELL | ACTIVE | 29-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI017** | INJECTION WELL | ACTIVE | 28-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI018** | INJECTION WELL | ACTIVE | 28-Feb-08 |
| F & H-AREA HAZARDOUS | **FSI019** | INJECTION WELL | ACTIVE | 27-Feb-08 |

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| F & H-AREA HAZARDOUS | **FSI020** | INJECTION WELL | ACTIVE | 3-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI021** | INJECTION WELL | ACTIVE | 5-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI022** | INJECTION WELL | ACTIVE | 5-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI023** | INJECTION WELL | ACTIVE | 6-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI024** | INJECTION WELL | ACTIVE | 6-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI025** | INJECTION WELL | ACTIVE | 11-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI026** | INJECTION WELL | ACTIVE | 10-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI027** | INJECTION WELL | ACTIVE | 10-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI028** | INJECTION WELL | ACTIVE | 11-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI029** | INJECTION WELL | ACTIVE | 20-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI030** | INJECTION WELL | ACTIVE | 20-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI031** | INJECTION WELL | ACTIVE | 18-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI032** | INJECTION WELL | ACTIVE | 18-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI033** | INJECTION WELL | ACTIVE | 18-Mar-08 |
| F & H-AREA HAZARDOUS | **FSI034** | INJECTION WELL | ACTIVE | 14-Mar-08 |
| F & H-AREA HAZARDOUS | **FSP 47A** | SEEPLINE | ACTIVE E( | 4-Mar-04 |
| F & H-AREA HAZARDOUS | **FSP-002** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-007** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-012** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-014** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-017** | SEEPLINE | | |
| F & H-AREA HAZARDOUS | **FSP-019** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-026** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-032** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-034** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-035** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-040** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-047** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-056** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-060** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-061** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-062** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-063** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-064** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-065** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-066** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-067** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-068** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-069** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-070** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-071** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-072** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-072A** | SEEPLINE | ACTIVE E( | 30-Jan-02 |
| F & H-AREA HAZARDOUS | **FSP-072B** | SEEPLINE | ACTIVE E( | 30-Jan-02 |
| F & H-AREA HAZARDOUS | **FSP-12A** | SEEPLINE | ACTIVE E( | 9-Mar-04 |
| F & H-AREA HAZARDOUS | **FSP-204** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-213** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-220** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-226** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-235** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-241** | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | **FSP-249** | SEEPLINE | ACTIVE | |

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| F & H-AREA HAZARDOUS | FSP-256 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-270 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-290 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-60 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-61 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-62 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-63 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-64 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-65 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-66 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-67 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-68 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-69 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-70 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-71 | SEEPLINE | ACTIVE | |
| F & H-AREA HAZARDOUS | FSP-72 | SEEPLINE | ACTIVE | |
| F-AREA WETLANDS PIEZ( | FPZ 1A | PIEZOMETER WELL | ACTIVE E( | 4-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 2A | PIEZOMETER WELL | ACTIVE E( | 4-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 3A | PIEZOMETER WELL | ACTIVE ECO-SENSITIVE | |
| F-AREA WETLANDS PIEZ( | FPZ 4A | PIEZOMETER WELL | ACTIVE E( | 3-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 5A | PIEZOMETER WELL | ACTIVE E( | 3-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 5B | PIEZOMETER WELL | ACTIVE E( | 28-May-96 |
| F-AREA WETLANDS PIEZ( | FPZ 6A | PIEZOMETER WELL | ACTIVE E( | 9-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 6B | PIEZOMETER WELL | ACTIVE E( | 28-May-96 |
| F-AREA WETLANDS PIEZ( | FPZ 7A | PIEZOMETER WELL | ACTIVE E( | 8-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 7B | PIEZOMETER WELL | ACTIVE E( | 28-May-96 |
| F-AREA WETLANDS PIEZ( | FPZ 8A | PIEZOMETER WELL | ACTIVE E( | 8-Jan-96 |
| F-AREA WETLANDS PIEZ( | FPZ 8B | PIEZOMETER WELL | ACTIVE E( | 29-May-96 |
| F-AREA WETLANDS PIEZ( | FPZ008AR | MONITORING WELL | ACTIVE E( | 27-Jul-06 |
| F-AREA WETLANDS PIEZ( | FPZ008BR | MONITORING WELL | ACTIVE E( | 25-Jul-06 |
| F-AREA WETLANDS PIEZ( | FSP 2A | PIEZOMETER WELL | ACTIVE E( | 22-Jan-02 |
| F-AREA WETLANDS PIEZ( | FSP 2B | PIEZOMETER WELL | ACTIVE E( | 22-Jan-02 |
| F-AREA WETLANDS PIEZ( | FSP 2C | SEEPLINE | ACTIVE E( | 9-May-02 |

**ATTACHMENT 1**
**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE**

Unit Name: MWMF-Southeast Plume

Project Team: GSA/MWMF

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The MWMF Southeast Plume eminates from the Old Radioactive Waste Burial Ground (ORWBG) Plumes eminating from the ORWBG are considered to be non-listed since the RCRA Part B Application does not mention RCRA listed wastes at the ORWBG. Wells monitoring this plume include, but are not limited to, SEP001MD, SEP002B, SEP002D, SEP003CL, and SEP003CU.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS
Email, Sarah Campbell to Randall Weigel, 11/08/2001

Preparer: Leslie Wells Date: 10/23/2009 Checker: Susan Ridgeway Date: 10/26/2009

Sarah Campbell[redacted]

11/08/2001 01:01 PM

To: Randall Weigel[redacted], Willie02 Frazier[redacted], Sandra Carroll[redacted] Peter Nowacki[redacted], William Chase[redacted], James Poorbaugh[redacted], Mark Amidon[redacted], Susan Bell[redacted]

cc:

bcc:

Subject: Re: Wells Changing status Listed to Non-listed

I have been out of the office and unable to respond until now. I am going to put together a one-pager on this for our files. For the time being, the gist of my decision to take some of the Burial Ground wells off the "Listed Well List" is that these wells are not downgradient of a RCRA-listed source. They are downgradient of the Old Radioactive Waste Burial Ground, not the Mixed Waste Management Facility. Mark Amidon and have been trying to work this out for a long time. I'm not a hydrogeologist, so bear with me. Basically, there is a groundwater divide between the ORWBG and MWMF/LLRWDF. There are no known RCRA-listed wastes in the ORWBG, and the ORWBG discussion in the RCRA Part B Permit Application does not mention any RCRA-listed wastes. Therefore, Mark and others agreed with me that we should take these wells off the "Listed Well List." As I mentioned, we have been trying to do this for a long time, and when Pete gave me a list of Burial Ground wells to address, Mark with his invaluable knowledge of these wells was able to designate which ones were not downgradient of a RCRA-listed source and could thus be removed from the "Listed Well List."
Randall Weigel

Randall Weigel

To: Sarah Campbell[redacted]
cc:
Subject: Wells Changing status Listed to Non-listed

11/07/01 09:08 AM

Still more of the same.

Thanks.
----- Forwarded by Randall Weigel[redacted] on 11/07/2001 09:06 AM -----

William Chase

To: Willie02 Frazier[redacted], Randall Weigel[redacted] Sandra Carroll[redacted]
cc: Peter Nowacki[redacted], James Poorbaugh[redacted]
Subject: Wells Changing status Listed to Non-listed

11/02/2001 11:08 AM

I noticed that changing the listing status of the wells provided in the attached spreadsheet will also change the containerization status. Should we have some type of formal documentation by the ECA explaining why we can de-list these wells?

ETF from Listed to Non-Listed.)

Bill

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: T-Area OU

Project Team: GSA/T-Area OU

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The source of VOCs in the groundwater at the T-Area OU is not from a known listed source. Wells montored for this unit include TVM 1M, TVM 2M, TVM 3M, and TVM 4M

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2008 Comprehensive TNX Area Annual Groundwater and Effectiveness Monitoring Strategy Report, SRNS-RP-2009-00593

Preparer: Leslie Wells Date: 10/27/2009 Checker: Susan Ridgeway Date: 10/28/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: F-Area Ash Basin

Project Team: GSA/MWMF Northwest Plume

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Monitoring wells in the FAB series belong to Site Infrastructure. However, monitoring well FAB 2 is monitored for the ACP MWMF Northwest Plume, as it is in close proximity to the MWMF. Based on the last three sampling events, the TCE contamination has not been detected in this area. Therefore, the well is non-listed.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Email, Thomas Honeycutt to Leslie Wells, October 28, 2009

Preparer: Leslie Wells Date: 11/6/2009 Checker: Shelia McFalls Date: 11/6/2009

Thomas Honeycutt[redacted]

10/28/2009 03:33 PM

To Leslie Wells[redacted]

cc

bcc

Subject FAB

The FAB data for the last 5 years were pulled. No detections for PCE or TCE were observed in the FAB 2 data. Values of TCE below the MCL have been measured in FAB 2MC in the last five years. The most recent detection was 3Q2008 with a value of 0.71 ug/L. FAB 2MC is screened in the lower aquifer zone (LAZ) of the Upper Three Runs Aquifer (UTRA) and is a northwest plume (NWP) assessment well. FAB 2 is an upper aquifer zone (UAZ) NWP assessment well in the UTRA. The data are attached and are sorted by Lab qualifier (J = estimated, U = undetected) then Result. -Tom.

FAB.xls

| SAMPLING_EVENT | STATION_ID | SAMPLE_ID | MATRIX_CODE | COLLECTION_DATE |
|---|---|---|---|---|
| 3Q07MWRCRA | FAB 2MC | MWR-000002293 | GRWATER | 7/23/2007 |
| 1Q08MWRCRACOMB | FAB 2MC | MWRCRACOMB123 | GRWATER | 1/28/2008 |
| 3Q06MWRCRA | FAB 2MC | MWRCRA0000046 | GRWATER | 7/12/2006 |
| 3Q08MWCOMB | FAB 2MC | MWCOMB0000076 | GRWATER | 7/22/2008 |
| 1Q07MWRCRA | FAB 2MC | MWRCRA0000185 | GRWATER | 1/11/2007 |
| 3Q04MWRCRA | FAB 2MC | 3Q04MWRCRA-45 | GRWATER | 7/20/2004 |
| 1Q05MWRCRA | FAB 2MC | MWR-NWP-00051 | GRWATER | 1/13/2005 |
| 1Q06MWRCRA | FAB 2MC | MWR-000001988 | GRWATER | 1/12/2006 |
| 1Q06MWRCRA | FAB 2 | MWR-000001989 | GRWATER | 1/12/2006 |
| 1Q06MWRCRA | FAB 2 | MWR-000001989 | GRWATER | 1/12/2006 |
| 3Q06MWRCRA | FAB 2 | MWRCRA0000047 | GRWATER | 7/12/2006 |
| 3Q06MWRCRA | FAB 2 | MWRCRA0000047 | GRWATER | 7/12/2006 |
| 1Q07MWRCRA | FAB 2 | MWRCRA0000186 | GRWATER | 1/11/2007 |
| 1Q07MWRCRA | FAB 2 | MWRCRA0000186 | GRWATER | 1/11/2007 |
| 3Q07MWRCRA | FAB 2 | MWR-000002303 | GRWATER | 7/20/2007 |
| 3Q07MWRCRA | FAB 2 | MWR-000002303 | GRWATER | 7/20/2007 |
| 1Q08MWRCRACOMB | FAB 2 | MWRCRACOMB135 | GRWATER | 1/16/2008 |
| 1Q08MWRCRACOMB | FAB 2 | MWRCRACOMB135 | GRWATER | 1/16/2008 |
| 3Q08MWCOMB | FAB 2 | MWCOMB0000085 | GRWATER | 7/22/2008 |
| 3Q08MWCOMB | FAB 2 | MWCOMB0000085 | GRWATER | 7/22/2008 |
| 3Q09MWCOMB | FAB 2 | MWCOMB-GW0148 | GRWATER | 7/28/2009 |
| 1Q06MWRCRA | FAB 2MC | MWR-000001988 | GRWATER | 1/12/2006 |
| 3Q06MWRCRA | FAB 2MC | MWRCRA0000046 | GRWATER | 7/12/2006 |
| 1Q07MWRCRA | FAB 2MC | MWRCRA0000185 | GRWATER | 1/11/2007 |
| 3Q07MWRCRA | FAB 2MC | MWR-000002293 | GRWATER | 7/23/2007 |
| 1Q08MWRCRACOMB | FAB 2MC | MWRCRACOMB123 | GRWATER | 1/28/2008 |
| 3Q08MWCOMB | FAB 2MC | MWCOMB0000076 | GRWATER | 7/22/2008 |
| 3Q09MWCOMB | FAB 2MC | MWCOMB-GW0014 | GRWATER | 7/27/2009 |
| 1Q05MWRCRA | FAB 2 | MWR-NWP-00052 | GRWATER | 1/13/2005 |
| 1Q05MWRCRA | FAB 2 | MWR-NWP-00053 | GRWATER | 1/13/2005 |
| 1Q05MWRCRA | FAB 2 | MWR-NWP-00053 | GRWATER | 1/13/2005 |
| 1Q05MWRCRA | FAB 2 | MWR-NWP-00052 | GRWATER | 1/13/2005 |
| 1Q05MWRCRA | FAB 2MC | MWR-NWP-00051 | GRWATER | 1/13/2005 |
| 3Q04MWRCRA | FAB 2 | 3Q04MWRCRA-46 | GRWATER | 7/20/2004 |
| 3Q04MWRCRA | FAB 2 | 3Q04MWRCRA-46 | GRWATER | 7/20/2004 |
| 3Q04MWRCRA | FAB 2MC | 3Q04MWRCRA-45 | GRWATER | 7/20/2004 |
| 1Q04MWRCRA | FAB 2 | MWR-000001775 | GRWATER | 2/3/2004 |
| 1Q04MWRCRA | FAB 2 | MWR-000001775 | GRWATER | 2/3/2004 |
| 2Q04MWRCRA | FAB 2 | MWR-000001836 | GRWATER | 4/13/2004 |
| 2Q04MWRCRA | FAB 2 | MWR-000001836 | GRWATER | 4/13/2004 |
| 4Q04MWRCRA | FAB 2 | 4Q04MWRCRA-17 | GRWATER | 10/4/2004 |
| 4Q04MWRCRA | FAB 2 | 4Q04MWRCRA-17 | GRWATER | 10/4/2004 |
| 2Q04MWRCRA | FAB 2MC | MWR-000001832 | GRWATER | 4/19/2004 |
| 2Q04MWRCRA | FAB 2MC | MWR-000001832 | GRWATER | 4/19/2004 |
| 4Q04MWRCRA | FAB 2MC | 4Q04MWRCRA-16 | GRWATER | 10/4/2004 |
| 4Q04MWRCRA | FAB 2MC | 4Q04MWRCRA-16 | GRWATER | 10/4/2004 |

| ANALYTE_NAME | RESULT | RESULT_UNITS | DILUTION_FACTOR | DETECTION_LIMIT |
|---|---|---|---|---|
| TRICHLOROETHYLENE (TCE) | 0.54 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.58 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.61 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.71 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 1.8 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.25 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.3 | ug/L | 1 | 0.13 |
| TRICHLOROETHYLENE (TCE) | 0.36 | ug/L | 1 | 0.2 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TRICHLOROETHYLENE (TCE) | 0.5 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.5 | ug/L | 1 | 0.2 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TRICHLOROETHYLENE (TCE) | 0.5 | ug/L | 1 | 0.2 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TRICHLOROETHYLENE (TCE) | 0.5 | ug/L | 1 | 0.2 |
| TRICHLOROETHYLENE (TCE) | 0.5 | ug/L | 1 | 0.2 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TRICHLOROETHYLENE (TCE) | 0.5 | ug/L | 1 | 0.2 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 0.5 | ug/L | 1 | 0.19 |
| TETRACHLOROETHYLENE (PCE) | 1 | ug/L | 1 | 0.1 |
| TRICHLOROETHYLENE (TCE) | 1 | ug/L | 1 | 0.13 |
| TETRACHLOROETHYLENE (PCE) | 1 | ug/L | 1 | 0.1 |
| TRICHLOROETHYLENE (TCE) | 1 | ug/L | 1 | 0.13 |
| TETRACHLOROETHYLENE (PCE) | 1 | ug/L | 1 | 0.1 |
| TETRACHLOROETHYLENE (PCE) | 2 | ug/L | 1 | 0.3 |
| TRICHLOROETHYLENE (TCE) | 2 | ug/L | 1 | 0.2 |
| TETRACHLOROETHYLENE (PCE) | 2 | ug/L | 1 | 0.3 |
| TRICHLOROETHYLENE (TCE) | 5 | ug/L | 1 | 0.839 |
| TETRACHLOROETHYLENE (PCE) | 5 | ug/L | 1 | 0.77 |
| TRICHLOROETHYLENE (TCE) | 5 | ug/L | 1 | 0.839 |
| TETRACHLOROETHYLENE (PCE) | 5 | ug/L | 1 | 0.77 |
| TRICHLOROETHYLENE (TCE) | 5 | ug/L | 1 | 0.1 |
| TETRACHLOROETHYLENE (PCE) | 5 | ug/L | 1 | 0.1 |
| TRICHLOROETHYLENE (TCE) | 5 | ug/L | 1 | 0.839 |
| TETRACHLOROETHYLENE (PCE) | 5 | ug/L | 1 | 0.77 |
| TETRACHLOROETHYLENE (PCE) | 5 | ug/L | 1 | 0.1 |
| TRICHLOROETHYLENE (TCE) | 5 | ug/L | 1 | 0.1 |

| LAB_QUALIFIER | REVIEW_QUALIFIER | ANALYSIS_CODE | SAMPLE_QUANTITATION_LIMIT |
|---|---|---|---|
| | | REG | 0.5 |
| | | REG | 0.5 |
| | | REG | 0.5 |
| | | REG | 0.5 |
| | | REG | 0.5 |
| J | | REG | 2 |
| J | | REG | 1 |
| J | | REG | 0.5 |
| U | | REG | 0.5 |
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| SAMPLE_QUANTITATION_UNITS | METHOD_CODE |
|---|---|
| ug/L | EPA8260B |
| ug/L | EPA8260B |
| ug/L | EPA8260B |
| ug/L | EPA8260B |
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## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Heavy Water Components Test Reactor (HWCTR)

Project Team: GSA/HWCTR

Project ECA: Lesliie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The source of VOCs in the HWCTR is not from a known listed source. Wells montored for this unit include BMW-001D, BMW-002D, BMW-003D, and BMW-004D.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Revision 0 RSER/EE/CA for the HWCTR, SRNS-RP-2009-01102

Preparer: Leslie Wells Leslie Wells Date: 10/27/2009 Checker: Susan Ridgeway Susan Ridgeway Date: 10/28/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: D Area Groundwater

Project Team: GSA/DAG

Project ECA: Leslie Wells

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The source of VOCs in the groundwater at the D-Area Groundater is not from a known listed source. Wells montored for this unit include DWP 1, DWP 2, DWP 3, DWP 6, DWP 7, DWP 8, DWP 9, DWP003A, DWP009.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2008 Annual Groundwater Monitoring Report for the D Area Groundwater Operable Unit, SRNS-RP-2009-00596

Preparer: Leslie Wells Date: 11/13/2009 Checker: Shelia Mcfalls Date: 11/13/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: C-Reactor Groundwater (CDB 1, CDB 2, CRW 1A, -1D, -2A, -2D, -3A, -3C, -3D, - 4A, -4C, -5A, -5D, -6A, -7A, -7D, -8A, -8D, -9A, -10A, -10C, -11A, -11D, -12A, -12C, -12D, -13A, -14A, -15A, -15C. -15D. -16A. -16D. -17A. -17A. -18T. -19T.-20D)

Project Team: UTR/Rx Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Information on the source of contamination for the C-Area Reactor Groundwater wells is inconclusive. Therefore, in accordance with RCRA, it is assumed that the wells are not listed. RCRA requirements would only apply if the generated waste exceeds/exhibits characteristic traits. Although the reference document is only for two of the wells listed above, this information applies to all the wells since they are monitoring the C-Area Reactor Groundwater

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

IDW Management Strategy Form, SGCP-IDW-2005-00031, Revision 0, dated April 18, 2005 (CRW-20D and CRW-21D)

Preparer: Shelia McFalls Date: 11/24/2009 Checker: Karen D. Morrow Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: L-Area Southern Groundwater Operable Unit (LASG OU) (LDB 1, LDB 2, LDB 3, and LDB 4)

Project Team: UTR/RX Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The LASG OU encompasses all of the groundwater from the L-Area groundwater divide south to L Lake. Potential sources of contamination in the groundwater plumes included the L-Area Emergency Retention Basin, L-Area Disassembly Basin (LADB), L-Area Reactor Seepage Basin, L-Area Oil and Chemical Basin (LAOCB), and the L-Area Hot Shop (LAHS). The LAOCB and LAHS have been identified as containing RCRA-Listed PCE and TCE (F001/F002). Other historical sources to the groundwater plumes are not considered RCRA-Listed. To be consistent across the entire groundwater plume and facilitate Monitored Natural Attenuation (MNA) monitoring, groundwater will not be considered RCRA hazardous unless it exhibits a RCRA characteristic (D codes). Therefore, the LDB wells, which are located around the LADB, are not considered to be RCRA-listed.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Record of Decision Remedial Alternative Selection for the L-Area Southern Groundwater Operable Unit (NBN) (WSRC-RP-2006-4052, Revision 1.1, March 2007) (page 82)

Preparer: Shelia L. McFalls Date: 11/24/2009 Checker: Karen D. Morrow Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Central Shops Burning/Rubble Pit (631-5G) (CSBRP5G) & Heavy Equipment Wash Basin (NBN) (HEWB) OU (NEB 9C, 9DB, 10C, 10DB, 11C, 11DB, 12D, 13D, 14D, 15D, 16D, 17C, 17DB, 17DL, 17DU, 18DB, 18DL, 18DU, 19C, 19DB, 19DL, 19DU, 20C, 20DB, 20DL, 20DU, 21C, 21DB, 21DL, 21DU)

Project Team: GSA/SE Project team

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The CSBRP5G and HEWB, including the HEWB Overflow Discharge Area, are located in N Area (CS). The wells were installed to assist with the characterization of the OU. The CSBRP5G and HEWB OU was formed to focus attention on a VOC groundwater plume that was thought to originate near the HEWB and/or Heavy Equipment Maintenance Area (HEMA). The HEMA is not a subunit of the OU. However, it is discussed because effluent wash from the HEMA #1 was sent to the HEWB. The HEMA consists of 3 wash areas [Heavy Equipment Wash Area (HEWA) #1, #2, #3]. HEWAs #1 and #2 may have used solvents as degreasers prior to maintenance operations to remove soil and grease from heavy equipment. However, there is no conclusive evidence that any of the HEMA subunits are contributing sources to the TCE plume. The TCE plume in the groundwater is large enough such that the source of contamination could be anywhere within the general maintenance area. (Ref. 1)

From 1950 until the early 1970s, the HEWB received HEWA #1 effluent wash together with sanitary wastewater from CS. The wastewater contained traces of oil, grease, and detergents, plus significant levels of solids that were allowed to settle in the basin. According to the wastewater permit, about 1/2 of the resulting wash water was lost through infiltration/evaporation. After the construction of the CS Sanitary Wastewater Treatment Plant in the early 1970s, the wash water from the HEWA ceased going to the HEWB. Since 1981, the HEWB has not received waster from CS and the associated facilities. Permitted discharges from the HEWB were released to the Overflow Discharge Area and then to the nearby intermittent stream. CSBRP5G received waste materials (e.g., asbestos, used batteries, empty paint cans, ash, paper, and glass) at various times from 1951-1973. Waste was also burned perindically from 1951-1973 when a layer of soil was placed over the ashes. The pit continued to receive rubble (e.g., paper, empty paint cans, lumber, empty galvanized steel barrels) until it reached capacity in 1973. Prior to 1951, the pit area was used as farmland. Based on the results of the migration model, the CSBRP5G and HEWB soils do not pose a migration threat to groundwater. Please note that the groundwater beneath the CSBRP5G/HEWB OU will be managed under the CS Groundwater OU. (Ref. 2)

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Ref. 1: Site Evaluation Report for the Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01 and Outfall N-02), NBN, (WSRC-RP-2004-4052, Revision 0, September 30, 2004)

Ref. 2: Record of Decision Remedial Alternative Selection for the Heavy Equipment Wash Basin and Central Shops Burning/Rubble Pit (631-5G) Operable Unit (WSRC-RP-2003-4185, Revision 1.1, October 2004)

Preparer: Shelia L. McFalls Date: 11/23/2009 Checker: Karen B. Morrow Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: SRL Oil Test Site (080-16G) (SRLOTS) Operable Unit (OU) (NOT 1D, 2D, 3D)

Project Team: GSA/SE Project Team

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The SRLOTS is located in N Area [Central Shops (CS)]. These wells were initially installed as temporary piezometers, but were then installed as permanent piezometers to assist with the characterization of the SRLOTS OU. The SRLOTS OU consists of 2 subunits: (1) SRLOTS test plots (12 oil test plots, 12 control plots, 2 hydraulic fluid/paint thinner test plots, & one "unknown waste" test plot) and (2) the Petroleum-Contaminated Soil Temporary Storage Area (PCSTSA). Groundwater beneath the SRLOTS OU is associated with the CS Groundwater OU. Based on the information contained in the two reference documents, the test plots received waste oils from offsite sources to ensure that no radiological constituents were present. No initial characterization was conducted on the waste oils applied to the soil. Chlorinated solvents were not applied as part of the test. There is a test plot that is identified as "unknown material"; there are no records for this test plot. The PCSTSA received truckloads of petroleum-contaminated soil; there are no records for the origin or final disposition of the soil.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Ref. 1: RCRA Facility Investigation/Remedial Investigation Work Plan with Risk Assessment for the SRL Oil Test Site (080-16G) (WSRC-RP-2000-4175, Rev. 1,2, June 2003)

Ref. 2: Record of Decision Remedial Alternative Selection for the SRL Oil Test Site (080-16G) Operable Unit (WSRC-RP-2003-4164, Revision 1, April 2004)

Preparer: Shelia L. McFalls Date: 11/23/2009 Checker: Karen D. Morrow Date: 11/23/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: K-Area Reactor Groundwater (RGW 13D)

Project Team: UTR/Rx Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

SRNL originally installed this well to help determine the overall regional groundwater flow for the reactor area. This well was installed upgradient of any known waste/spill areas. Therefore, it is not likely for the well to have come into contact with any known RCRA-listed groundwater plumes, spills, or other waste sources.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Figure included with Regional Groundwater Wells Abandonment (RGW Wells) Program Plan shows the location of the well (ER-HGPP-2009-00045, SRNS-J2000-2009-00087, ACP-2009-043)

Preparer: Shelia L. McFalls Date: 11/24/2009 Checker: Karen Morrow Date: 11/24/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: SVE Wells: PSE-3A1, -3A2, -3B1, -3B2, -3B3; Soil-Gas Implants: PSV-3A1A to -3A1D, PSV-3A2A to -3A2D, PSV-3A3A to -3A3D, PSV-3A4A to -3A4D, PSV-3A5A to -3A5D, PSV-3B1A to -3B1D, PSV-3B2A to -3B2D, PSV-3B3A to -3B3D, PSV-3B4A to -3B4D, PSV-3B5A to -3B5D

Project Team: P Area Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 79) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. Likewise, infiltration, seepage into soils, and leakage around PSLs are other possible primary sources of contamination. However, there are no written records available to determine the origin of the VOCs or whether it is from direct disposal of solvents to the ground. Therefore, the source of contamination found in the soil and groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2007-4032, Revision 1.2, December 2008

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the P-Area Operable Unit, CERCLIS Number: 94

Preparer: Shelia L. McFalls Date: 12/3/2009 Checker: Leslie Wells Date: 12/3/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Soil Vapor Extraction Wells: PSE 3A3, PSE 3A4, PSE 3A5, PSE 3A6, PSE 3A7, PSE 3A8, PSE 3A9, PSE 3A10, PSE 3B4, PSE 3B5

Project Team: P Area Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 79) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. Likewise, infiltration, seepage into soils, and leakage around PSLs are other possible primary sources of contamination. However, there are no written records available to determine the origin of the VOCs or whether it is from direct disposal of solvents to the ground. Therefore, the source of contamination found in the soil and groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2007-4032, Revision 1.2, December 2008

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the P-Area Operable Unit, CERCLIS Number: 94

Preparer: Shelia L. McFalls Date: 10/13/2009 Checker: Susan Ridgeway Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: L-Area Southern Groundwater Operable Unit (LASG OU) (RGW 9C)

Project Team: UTR/RX Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The LASG OU encompasses all of the groundwater from the L-Area groundwater divide south to L Lake. Potential sources of contamination in the groundwater plumes included the L-Area Emergency Retention Basin, L-Area Disassembly Basin (LADB), L-Area Reactor Seepage Basin, L-Area Oil and Chemical Basin (LAOCB), and the L-Area Hot Shop (LAHS). The LAOCB and LAHS have been identified as containing RCRA-Listed PCE and TCE (F001/F002). Other historical sources to the groundwater plumes are not considered RCRA-Listed. To be consistent across the entire groundwater plume and facilitate Monitored Natural Attenuation (MNA) monitoring, groundwater will not be considered RCRA hazardous unless it exhibits a RCRA characteristic (D codes). In addition, SRNL originally installed this well to help determine the overall regional groundwater flow for the reactor area. This well was installed upgradient of any known waste/spill areas. Therefore, it is not likely for the well to have come into contact with any known RCRA-listed groundwater plumes, spills, or other waste sources.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Record of Decision Remedial Alternative Selection for the L-Area Southern Groundwater Operable Unit (NBN) (WSRC-RP-2006-4052, Revision 1.1, March 2007)

Preparer: Shelia L. McFalls Date: 12/2/2009 Checker: Karen D. Morrow 12/2/09 Date: 12/2/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: C-Reactor Groundwater (RGW 17C, 17D)

Project Team: UTR/Rx Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Information on the source of contamination for the C-Area Reactor Groundwater wells is inconclusive. Therefore, in accordance with RCRA, it is assumed that the wells are not listed. RCRA requirements would only apply if the generated waste exceeds/exhibits characteristic traits. Please note that the IDW Management Strategy Form listed below applies to wells that were installed in the C-Reactor Area and is pertinent to the information concerning the RGW wells only from the standpoint that it discusses the information on the inconclusive nature of the source of contamination in C-Area Reactor Groundwater.

In addition, SRNL originally installed these wells to help determine the overall regional groundwater flow for the reactor area. These wells were installed upgradient of any known waste/spill areas. Therefore, it is not likely for the well to have come into contact with any known RCRA-listed groundwater plumes, spills, or other waste sources.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

IDW Management Strategy Form, SGCP-IDW-2005-00031, Revision 0, dated April 18, 2005 (CRW-20D and CRW-21D)

Figure included with Regional Groundwater Wells Abandonment (RGW Wells) Program Plan shows the location of the wells (ER-HGPP-2009-00045, SRNS-I2000-2009-00087, ACP-2009-043)

Preparer: Shelia McFalls SLM Date: 12/2/2009 Checker: Karen D. Morrow KDM 12/2/09 Date: 12/2/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: K-Area Reactor Groundwater (RGW 13C, 14C, 14D)

Project Team: UTR/Rx Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

SRNL originally installed these wells to help determine the overall regional groundwater flow for the reactor area. These wells were installed upgradient of any known waste/spill areas. Therefore, it is not likely for the well to have come into contact with any known RCRA-listed groundwater plumes, spills, or other waste sources.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Figure included with Regional Groundwater Wells Abandonment (RGW Wells) Program Plan shows the location of the wells (ER-HGPP-2009-00045, SRNS-J2000-2009-00087, ACP-2009-043)

Preparer: Shelia L. McFalls Date: 12/2/2009 Checker: Karen Morrow 12/2/09 Date: 12/2/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: L-Area Southern Groundwater Operable Unit (LASG OU) Surface Water Locations (SC 20, SC 23, SC 24, SC 25, SC 27)

Project Team: UTR/RX Areas

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: None

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The LASG OU encompasses all of the groundwater from the L-Area groundwater divide south to L Lake. Potential sources of contamination in the groundwater plumes included the L-Area Emergency Retention Basin, L-Area Disassembly Basin (LADB), L-Area Reactor Seepage Basin, L-Area Oil and Chemical Basin (LAOCB), and the L-Area Hot Shop (LAHS). The LAOCB and LAHS have been identified as containing RCRA-Listed PCE and TCE (F001/F002). Other historical sources to the groundwater plumes are not considered RCRA-Listed. To be consistent across the entire groundwater plume and facilitate Monitored Natural Attenuation (MNA) monitoring, groundwater will not be considered RCRA hazardous unless it exhibits a RCRA characteristic (D codes). Groundwater flows southward from L Area toward L Lake where the surface water is sampled. Since the groundwater is not considered RCRA-Listed, the surface water locations are not considered RCRA-Listed.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Record of Decision Remedial Alternative Selection for the L-Area Southern Groundwater Operable Unit (NBN) (WSRC-RP-2006-4052, Revision 1.1, March 2007)

Preparer: Shelia L. McFalls Date: 12/2/2009 Checker: Karen D. Morrow 12/2/09 Date: 12/2/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: RAG-09-CPT1, RAG-09-CPT2, RAG-09-CPT3, RAG-09-CPT4, RAG-09-CPT5, RAG-10-CPT1, RAG-10-CPT2, RAG-10-CPT3, RAG-10-CPT4, RAG-10-CPT5, RDB-04-CPT1, RDB-04-CPT2, RDB-09-CPT3, RDB-04-CPT4, RDB-04-CPT5, RDB-04-CPT6

Project Team: R-Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 53) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. However, there are no written records available to determine the origin of the tritium and VOCs in the groundwater or whether they are from direct disposal of solvents to the ground. Therefore, the source of contamination found in the groundwater is inconclusive."

Note: Per the program plan (see SRNS-P3000-2009-00379, dated June 24, 2009), locations RAG-09-CPT1, RAG-09-CPT5, RAG-10-CPT1, RAG-10-CPT2, RAG-10-CPT3, RAG-10-CPT4, RAG-10-CPT5, RDB-04-CPT1, and RDB-04-CPT6 are contingent locations and will only be installed if data from other CPTs indicate they are required to location the position of a new well. However, they are included just in case they are installed so that an Attachment 1 will not need to be completed at a later date

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2008-4035, Revision 1.1, July 2009

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the R-Area Operable Unit, CERCLIS Number: 95

Preparer: Shelia L. McFalls Date: 12/11/2009 Checker: Leslie H. Wells Date: 12/11/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Surface Water Locations: LNSW001, LNSW002

Project Team: L-Area Northern Groundwater OU (LANG OU) (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. The LANG OU has been administratively separated from the surficial units to provide a comprehensive evaluation of groundwater north of L-Area. Several waste units exist within the LANG OU boundary. Most of these are covered under a ROD that includes groundwater with the surface unit. These surface units include: L-Area Burning/Rubble Pit (LBRP) (131-L), Gas Cylinder Disposal Facility (GCDF) (131-2L), and L-Area Rubble Pile (LRP) (131-3L) OU (Ref. 3), L-Area Bingham Pump Outage Pits (LBPOP) OU (643-2G and 643-3G) (Ref. 2), L-Area Erosion Control Site (080-26G) (Ref. 1), L-Area Ash Basin OU (188-L). Per Ref. 1, no radioactive or hazardous substances are known to have been deposited at the L-Area Erosion Control Site. Per Ref. 2, no action was required for the LBPOP groundwater. Per Ref. 3, the groundwater flow and transport modeling indicates that the likely source of the contamination was a point source near LRP or LBRP. Groundwater mixing zone selected for groundwater remediation. Per Ref. 4, L-Area Ash Basin is where ash was deposited from the burning of coal in the powerhouse that was used to generate steam and electricity for L Area. Therefore, the source of groundwater contamination found is inconclusive and is not considered RCRA-Listed. Since the groundwater is not considered RCRA-Listed, the surface water locations are not considered RCRA-Listed.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. (1) L-Area Erosion Control Site SER (WSRC-RP-98-4215, 12/14/1998)
(2) L- and P-Area BPOPs ROD (WSRC-RP-98-4105, Rev. 1, 9/1999)
(3) LBRP, GCDF, and LRP OU ROD (WSRC-RP-98-4195, Rev. 1.1, 7/2002)
(4) Scoping Summary for the L-Area Northern Groundwater Operable Unit (DRAFT ) (ERD-EN-2009-0114, 12/2009)

Preparer: Shelia L. McFalls Date: 12/11/2009 Checker: Leslie H. Wells Date: 12/11/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Monitoring Wells/Piezometers: RGW-2C, RGW-2D, RPC-1TZ, RPS 014C, RPS 020C

Project Team: R-Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 53) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. However, there are no written records available to determine the origin of the tritium and VOCs in the groundwater or whether they are from direct disposal of solvents to the ground. Therefore, the source of contamination found in the groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2008-4035, Revision 1.1, July 2009

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the R-Area Operable Unit, CERCLIS Number: 95

Preparer: Shelia L. McFalls Date: 10/28/2009 Checker: Susan Ridgeway Date: 10/28/09

RCRA-NO CERCLA-YES



Entered 9/21/09

**ATTACHMENT 1**

**ACP WASTE UNITS SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE (SAMPLE)**

Unit Name: PDD3L, PDB3, PGWD014C, PGWD024B, PGWD024C

Project Team: P Area Operable Unit Groundwater Project
ECA: Shelia L. McFalls

Listed constituents and RCRA Codes: RCRA Status: Non-listed, as long as groundwater sampling results do not exhibit a characteristic of hazardous waste (NOTE: existing results in AWSA confirms non-listed RCRA status); CERCLA-yes

Listing basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. See attached highlighted text from RFI/RI Report with BRA and CMS/FS for PADU and IDW Management Strategy Form (SGCP-IDW-2007-00018

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. See attachments

Preparer: Shelia L. McFalls Date: 9/14/2009 Checker: [signature] Date: 10/14/2009

United States Department of Energy

Savannah River Site

# RCRA Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study / Feasibility Study (CMS/FS) for the P-Area Operable Unit (U)

CERCLIS Number: 94

WSRC-RP-2007-4032

Revision 1.2

December 2008

Prepared by:
Savannah River Nuclear Solutions, LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-96SR18500

exposure. In addition, the proximity and inter-relationship of the subunits within the IU allows for a more holistic investigation to determine overall impact to the environment. Data collected from these IUs will be used to determine areas of surficial risk or exceedance of contaminant migration and PTSM criteria. In only one case, there is a single subunit (process sewer lines [PSLs]) that crosses three of the five IUs.

In addition to the FFA OUs, PSAs, and Reactor Building (105-P) that comprise the PAOU, two outfalls (P02 and P007) located on the periphery of P Area were also included for evaluation. These outfalls were included based on previous data which have indicated potential impact to surface soil from intermittent releases from the processes within P Area.

Based on the locations of the FFA OU, PSAs to the groundwater and facilities that comprise the PAOU, the aforementioned subunits were grouped into the following investigative units (IUs):

- Southern Vadose Zone Investigative Unit;
- P-Area Ash Basin Investigative Unit;
- Cooling Water System Investigative Unit;
- Northern Vadose Zone Investigative Unit; and
- P-Reactor Investigative Unit;

Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. Likewise, infiltration, seepage into soils, and leakage around PSLs are other possible primary sources of contamination. However, there are no written records available to determine the origin of the VOCs or whether it is from direct disposal of solvents to the ground. Therefore, the source of contamination found in the soil and groundwater is inconclusive. In addition, because no active reactor processes are ongoing at P Area, there is no longer an active source of tritium in the reactor area. However, tritium-contaminated water, as an outcome of prior reactor operations, is contained in the reactor building's disassembly basin.

Although the Reactor Building (105-P) is considered a part of the P-Reactor IU in terms of potential environmental releases, characterization activities pertaining to the Reactor Building

| Initiated By<br>Darren Gillis<br>On<br>05/16/2007 | IDW MANAGEMENT STRATEGY FORM<br>Status: Complete<br>Currently With: | Document Number<br>SGCP-IDW-2007-00018<br>Revision<br>0 |
|---|---|---|

Section 1 (Project fill in this section, click "Submit for Approval" to route to ECA)

Waste Unit Identification: P-Area MicroCED Field Activities
IDW Source: Ground Water Sampling

IDW Type: Aqueous
Project Contact: Mark Amidon

Work Activity Code: PDD82405A
GCO: CN=Darren Gillis/OU=BSRI/O=Srs
Project-ECA: CN=Joseph Price/OU=WSRC/O=Srs

Information for IDW Engineering Determination: (Indicate which level of information is available and included in this package to enable the WM-CTF to make the IDW engineering determination).

| Well / Boring ID (series, grouping, or individual wells/borings as appropriate) | PAOU | P2-U, P2-L, P3-L, P3-U | |
|---|---|---|---|
| | ☐ Analytical Data | ☐ Analytical Data | ☐ Analytical Data |
| | ☐ Preliminary Screening Data | ☒ Preliminary Screening Data | ☐ Preliminary Screening Data |
| | ☒ Vicinity Well Information | ☒ Vicinity Well Information | ☐ Vicinity Well Information |
| | ☒ Unit/Process Knowledge | ☒ Unit/Process Knowledge | ☐ Unit/Process Knowledge |
| | ☒ Default Guidance | ☒ Default Guidance | ☐ Default Guidance |

Activity Generating Waste (brief description of the Scope of Work to be performed at the waste unit, note if there are Attachments)

The PAOU series sample locations will be CPT pushes to collect water samples. No excess waste water or soils will be generated, and only small amounts of JCW (sample gloves) and decon water will be generated during this sample event.

P2-U, P2-L, P3-L, P3-U are piezometers that range in depth from 89' to 119'. During well sampling it is expected that each well will generate less than 1/2 gallon of excess purge water. Small amounts of JCW (sample gloves) and decon water will be generated during this sample event.

Job control waste, PPE and decon water will be managed in accordance with section 4.5 of the IDWMP.

Attachment Information

| Doc # | Rev | Title | Date | Author |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

RCRA Status [Check one, provide a brief discussion to justify the status (e.g., permit), and attach supporting documents]
○ Listed ● Non-Listed CERCLA ○ Yes ● No

Documentation is not available or inconclusive as to the source of contamination. Therefore, unless waste exhibits a characteristic of hazardous, RCRA will not apply.

GCO
CN=Darren Gillis/OU=BSRI/O=Srs
Name

05/16/2007 08:29 AM
Date

Project-ECA
CN=Joseph Price/OU=WSRC/O=Srs
Name

05/16/2007 08:54 AM
Date

management plan.

GCO

| | |
|---|---|
| CN=Darren Gillis/OU=BSRI/O=Srs<br>Name | 10/24/2007 02:51 PM<br>Date |

RCRA - NO CERCLA - Yes Entered 9/21/09 LP



## ATTACHMENT 1

## ACP WASTE UNITS SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE (SAMPLE)

Unit Name: RCS003C, RDB1D, RPS004C, RWT003C

Project Team: R Area Operable Unit Project
ECA: Shellia L McFalls

Listed constituents and RCRA Codes: RCRA Status: Non-Listed, as long as groundwater sampling results do not exhibit a characteristic of hazardous waste (NOTE: existing results in AWSA confirms non-listed RCRA Status); CERCLA-Yes

Listing basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. See attached highlighted text from RFI/RI Report with BRA and CMS/FS for RADU

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. See attached cover page.

Preparer: Shellia L. McFalls Date: 9/14/2009 Checker: [signature] Date: 10/14/2009

United States Department of Energy

Savannah River Site

# RCRA Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study / Feasibility Study (CMS/FS) for the R-Area Operable Unit (U)

CERCLIS Number: 95

WSRC-RP-2008-4035

Revision 1.1

July 2009

Prepared by:
Savannah River Nuclear Solutions, LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-08SR22470

risk or exceedance of CM and PTSM criteria. In one case, there is a single subunit (RPSLs) that crosses three of the seven IUs.

Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. However, there are no written records available to determine the origin of the tritium and VOCs in the groundwater or whether they are from direct disposal of solvents to the ground. Therefore, the source of contamination found in the groundwater is inconclusive. There are no active reactor processes at R Area; therefore, there is no longer an active source of tritium production in the reactor area. In addition, only 6 percent of the tritium-contaminated water still remains in the Disassembly Basin. The other 94 percent of the tritiated water has been removed as part of the R-Reactor Disassembly Basin Engineering Evaluation / Cost Analysis (EE/CA) (USDOE 2002).

## 2.1. Unit Assessment

### *2.1.1. Sampling Methodology*

The following sections present an overall approach that was implemented during various facets of the RAOU investigation. Details of the sampling and analysis plan can be found in the RAOU Work Plan (WSRC 2006a), and a summary list of analyses performed at each RAOU subunit is provided in Appendix A15. Each of these methodologies was developed to allow for data and sampling consistency at each of the IUs and, where applicable, at specific subunits.

#### 2.1.1.1 Groundwater Sampling

The collection of groundwater samples determined nature and extent of groundwater contamination at the RAOU associated with those subunits identified for investigation. Data collection was conducted in the shallow water table (A/AA horizon), the Transmissive Zone (TZ), and middle aquifer zone (MAZ). All groundwater data collected during the RAOU characterization will be discussed as part of the R-Area Reactor Groundwater IU.

To determine if a constituent was a groundwater-specific constituent (GSCs), groundwater results were compared to USEPA maximum concentration limits (MCLs). Constituents with no

**ATTACHMENT 1**

**ACP WASTE UNITS SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE (SAMPLE)**

Unit Name: P-Area Reactor Groundwater Wells (see attached e-mail for list of wells) (Jeff Coat to Craig, 9/24/09)

Project Team: PADU Project

ECA: Shelia McFalls

Listed constituents and RCRA Codes: RCRA-Listed: No
CERCLA: Yes

Listing basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision. See highlighted text on page 79 of 586 of the RFI/RI Report with Baseline Risk Assessment and CMS/FS for PADU

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2007-4032, Revision 1.2, December 2008 (see attached cover page for complete name of document).

Preparer: Shelia L. McFalls Date 9/25/2009 Checker: [illegible] Date: 10/14/2009

Steven Jeffcoat[redacted]
09/24/2009 02:20 PM

To Bob Craig[redacted]
cc Ted Lee[redacted] Christine Li[redacted], Randall Weigel[redacted], Shelia Mcfalls[redacted]
bcc
Subject P-Area Reactor Groundwater Wells on the DO NOT SAMPLE List

History: This message has been replied to.

Bob,
When approval is received to resume sampling of non-RCRA projects, P-Area Reactor Groundwater will be scheduled per your direction.

However, we have identified forty-six wells (of 58 total) for this project that are on the DO NOT SAMPLE list because of the PPE/equipment disposal issue. The wells are:

| | | | |
|---|---|---|---|
| P002L | P002U | P003L | P003U |
| PDB 2 | PDB 3 | PDB 4 | PDB 5 |
| PGW014 A | PGW014 B | PGW014 C | PGW014DU |
| PGW016 B | PGW016 C | PGW016DU | PGW017 B |
| PGW017 C | PGW017DU | PGW018 B | PGW018 C |
| PGW018DU | PGW019 B | PGW019 C | PGW019DU |
| PGW020 B | PGW020 C | PGW020DU | PGW021 B |
| PGW021 C | PGW021DU | PGW022 B | PGW022 C |
| PGW022DU | PGW023 B | PGW023 C | PGW023DU |
| PGW024 A | PGW024 B | PGW024 C | PGW024DU |
| PGW025 A | PGW025 B | PGW025 C | PGW025DU |
| PMW001DL | PMW006DL | | |

If the issue is not resolved soon, we will proceed only with sampling of the remaining 27 wells for this project.

steven.jeffcoat[redacted]

exposure. In addition, the proximity and inter-relationship of the subunits within the IU allows for a more holistic investigation to determine overall impact to the environment. Data collected from these IUs will be used to determine areas of surficial risk or exceedance of contaminant migration and PTSM criteria. In only one case, there is a single subunit (process sewer lines [PSLs]) that crosses three of the five IUs.

In addition to the FFA OUs, PSAs, and Reactor Building (105-P) that comprise the PAOU, two outfalls (P02 and P007) located on the periphery of P Area were also included for evaluation. These outfalls were included based on previous data which have indicated potential impact to surface soil from intermittent releases from the processes within P Area.

Based on the locations of the FFA OU, PSAs to the groundwater and facilities that comprise the PAOU, the aforementioned subunits were grouped into the following investigative units (IUs):

- Southern Vadose Zone Investigative Unit;
- P-Area Ash Basin Investigative Unit;
- Cooling Water System Investigative Unit;
- Northern Vadose Zone Investigative Unit; and
- P-Reactor Investigative Unit;

Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. Likewise, infiltration, seepage into soils, and leakage around PSLs are other possible primary sources of contamination. However, there are no written records available to determine the origin of the VOCs or whether it is from direct disposal of solvents to the ground. Therefore, the source of contamination found in the soil and groundwater is inconclusive. In addition, because no active reactor processes are ongoing at P Area, there is no longer an active source of tritium in the reactor area. However, tritium-contaminated water, as an outcome of prior reactor operations, is contained in the reactor building's disassembly basin.

Although the Reactor Building (105-P) is considered a part of the P-Reactor IU in terms of potential environmental releases, characterization activities pertaining to the Reactor Building

ARF # 15933

United States Department of Energy

Savannah River Site

# RCRA Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study / Feasibility Study (CMS/FS) for the P-Area Operable Unit (U)

CERCLIS Number: 94

WSRC-RP-2007-4032

Revision 1.2

December 2008

Prepared by:
Savannah River Nuclear Solutions, LLC
Savannah River Site
Aiken, SC 29808

Prepared for U.S. Department of Energy under Contract No. DE-AC09-96SR18500

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: L-Area Northern Wells - RGW-8C and RGW-8D (CERCLA: Yes)

Project Team: L-Area Northern Groundwater (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: RCRA-listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are located upgradient of any known waste/spill areas.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

IDW Management Strategy Form: SGCP-IDW-2009-00006, Revision 0

Preparer: Shelia L. McFalls Date: 10/13/2009 Checker: [signature] Date: 10/13/09

Document Number SGCP-IDW-2009-00006 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 1 of 3)

## Project Information and History

| | | | |
|---|---|---|---|
| Waste Unit Identification | L-Area Wells RGW-8D and RGW-8C | | |
| IDW Source | Well Purge Water | | |
| IDW Type | Aqueous | Work Activity Code | PDYA0706A |
| Project Contact | Bob Craig | GCO | Darren Gillis |

**If any section requires more information than will fit in the space provided then the section should be labeled as "see attached" and the information should be included on an attached sheet or sheets. The title of the section being continued should be listed and the additional information listed under the title.**

**Information for IDW Determination:** (Indicate which level of information is available and included in this package (where possible) to make the IDW engineering determination).

| Well/ Boring ID (series, grouping, or individual wells/borings as appropriate) | RGW 8D, RGW 8C | | |
|---|---|---|---|
| | ☒ Analytical Data | ☐ Analytical Data | ☐ Analytical Data |
| | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data |
| | ☒ Vicinity Well Information | ☐ Vicinity Well Information | ☐ Vicinity Well Information |
| | ☒ Unit/Process Knowledge | ☐ Unit/Process Knowledge | ☐ Unit/Process Knowledge |
| | ☐ Default Guidance | ☐ Default Guidance | ☐ Default Guidance |

**Regulatory Status** [Check boxes that apply, provide a brief discussion to justify the status (e.g., permit), and attach supporting documents]

**RCRA Listed** ☐ Yes ☒ No **CERCLA Waste** ☒ Yes ☐ No

**Activity Generating Waste** (brief description of the Scope of Work to be performed at the waste unit, note if there are attachments).

Project team to sample 2 wells that are not on the approved well list. Waste generated will be purge water and job control waste (PPE). During sampling the project team is required to use the ETP Short Analyte List.

See attached: LANG Well Locations

# IDW MANAGEMENT STRATEGY FORM (Page 2 of 3)

## Technical Decision

DOT Rad ☐ Yes ☒ No DOT Classificaiton

RCRA Characteristic ☐ Yes ☒ No

These wells are upgradient of any known waste/spill sites and there are no nearby wells that have monitoring data in ERDMS. Based on Attachment 3 of ER-AP-130, IDW generated should be discharged to the ground in a manner so as not to impact any surface water.

To allow for future sampling and inclusion on the Containerization List, measurement of the constiuents on the Reduced Analyte List for ETP should be included in the initial sampling.

PPE
All Job Control Waste (PPE) generated shall be disposed of as sanitary media.

# IDW MANAGEMENT STRATEGY FORM (Page 3 of 3)

## Management Strategy

**IDW Management, Storage and Disposal** (Brief explanation, attach a list of purge water containment wells, if applicable)

☒ On-Unit ☐ Off-Unit

**Development fluids**

Containerization of development water from wells RGW 8D and RGW 8C is not required, and may be discharged to the ground on unit next to the wells to be developed. Ensure all discharged media from the wells (development water) does not enter drainage ditches, spillways, and is contained on unit.

**Decon water**

All rinse water used to clean equipment and tools may be discharged to the ground on unit next to the wells being developed. After all visible debris is removed from the tools and equipment, they may be removed from the unit for reuse.

**Job Control Waste**

All Job Control Waste may be disposed of as sanitary media

**Sample Requirements**

During well development measurement of the constiuents on the Reduced Analyte List for ETP shall be included in the initial sampling.

| | | |
|---|---|---|
| **Generator Certification Official** | | |
| Darren S. Gillis | Darren S. Gillis | 3/26/09 |
| Printed Name | Signature | Date |
| **Waste Management Cognizant Technical Function** | | |
| John Adams | John A. Adams | 3/26/09 |
| Printed Name | Signature | Date |
| **Environmental Compliance Authority** | | |
| Don Frazier | | 3/26/09 |
| Printed Name | Signature | Date |
| **Project Task Team Lead** | | |
| Ron Socha | | 3-26-09 |
| Printed Name | Signature | Date |

**ATTACHMENT 1**
**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE**

Unit Name: L-Area Northern Wells: LNG001DL, LNG002DL, LNG003WP, LNG004C, LNG004DL (CERCLA: Yes)

Project Team: L-Area Northern Groundwater (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes: RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The IDW Management Strategy form for the installation of the wells indicates that the wells are not RCRA-listed.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

IDW Management Strategy Form: SGCP-IDW-2009-00011, Revision 0, 4/13/2009

Preparer: Shelia L. McFalls Date: 10/13/2009 Checker: [signature] Date: 10/13/09

Document Number SGCP-IDW-2009-00011 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 1 of 3)

## Project Information and History

| | | | |
|---|---|---|---|
| Waste Unit Identification | L-Area Northern New well Installation, LNG Series and LNCPT Series | | |
| IDW Source | New Well Installation | | |
| IDW Type | Non-Aqueous | Work Activity Code | PDYA0706A |
| Project Contact | Jim Kupar | GCO | Darren Gillis |

**If any section requires more information than will fit in the space provided then the section should be labeled as "see attached" and the information should be included on an attached sheet or sheets. The title of the section being continued should be listed and the additional information listed under the title.**

**Information for IDW Determination:** (Indicate which level of information is available and included in this package (where possible) to make the IDW engineering determination).

| Well/ Boring ID (series, grouping, or individual wells/borings as appropriate) | LNCPT Series | LNG Series | |
|---|---|---|---|
| | ☐ Analytical Data | ☐ Analytical Data | ☐ Analytical Data |
| | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data | ☐ Preliminary Screening Data |
| | ☒ Vicinity Well Information | ☐ Vicinity Well Information | ☐ Vicinity Well Information |
| | ☒ Unit/Process Knowledge | ☐ Unit/Process Knowledge | ☐ Unit/Process Knowledge |
| | ☒ Default Guidance | ☐ Default Guidance | ☐ Default Guidance |

**Regulatory Status** [Check boxes that apply, provide a brief discussion to justify the status (e.g., permit), and attach supporting documents]

**RCRA Listed** ☐ Yes ☒ No **CERCLA Waste** ☒ Yes ☐ No

**Activity Generating Waste** (brief description of the Scope of Work to be performed at the waste unit, note if there are attachments).

L-Area project team to install the following wells and CPT's.

**LNCPT-001** This well will be installed using the CPT method to a depth of 170'. Water samples will be taken every 10' starting at the water table down to the green clay confining zone (GCU). The only waste generated will be decon water.

**LNCPT-002** This well will be a CPT lithology push down to a depth of 118'. Waste generated will be decon water.

**LNG 003** This monitoring port will be installed with a hand auger down to the depth of 10'. This location is in a designated wetlands.

**LNG 001, LNG 002, LNG 004, LNG 005** These wells (monitoring wells) will be installed using the rotosonic method. LNG 001 will be installed to a depth of 75', LNG 002 will be installed to a depth of 65', LNG 004 will be installed to a depth of 65', LNG 005 will be installed to a depth of 128'. Waste generated during installation will be installation media which includes soils and development fluids, decon water, and job-control waste.

# IDW MANAGEMENT STRATEGY FORM (Page 2 of 3)

## Technical Decision

DOT Rad ☐ Yes ☒ No DOT Classificaiton

RCRA Characteristic ☐ Yes ☒ No

**CPTs**
No non-aqueous IDW (i.e., excess mud/soil, development fluids) will be generated during the installation of LNCPT-001 and LNCPT-002.

**Monitoring port and wells**
LNG 003 will be located in an ecologically sensitive area (wetlands). Since the depth of LNG 003 will only be 10', any soil/sediment manually augered may be returned to hole after port installation (per section 3.4 of the approved IDW Management Plan).

According to data from surrounding wells and the attached map, any non-aqueous IDW (soil and development fluids) generated during the installation of monitoring wells LNG 001, LNG 002, LNG 004, and LNG 005 may be discharged to the ground near the point of generation.

For inclusion on the SGCP Approved Containerization List (ERD-EN-2004-0253), LNG 001, LNG 002, LNG 003, LNG 004, and LNG 005 should be sampled for the ETP Short List if they will be sampled more than once.

Decon water
All decon water, whether from the CPTs (LNCPT-001 and LNCPT-002) or installation of monitoring port LNG 003 and monitoring wells (LNG 001, LNG 002, LNG 004 and LNG 005), is not expected to be characteristically hazardous and should be dispositioned per section 4.5 of the approved IDW Management Plan (WSRC-RP-94-1227, Rev. 9).

Job Control Waste (JCW)
Based on process knowledge, all JCW is not expected to be characteristically hazardous and should be disposed of appropriately.

Document Number SGCP-IDW-2009-00011 Revision 0

# IDW MANAGEMENT STRATEGY FORM (Page 3 of 3)

## Management Strategy

**IDW Management, Storage and Disposal** (Brief explanation, attach a list of purge water containment wells, if applicable)

☒ On-Unit ☐ Off-Unit

During the installation of monitoring wells LNG 001, LNG 002, LNG 003, LNG 004, and LNG 005, all aqueous and non-aqueous media may be discharged to the ground near the point of generation. Ensure all discharged media from the wells (development water) does not enter drainage ditches, spillways, and is contained on unit.

All decon water, whether from the CPTs (LNCPT-001 and LNCPT-002) or installation of monitoring port LNG 003 and monitoring wells (LNG 001, LNG 002, LNG 004 and LNG 005), is not expected to be characteristically hazardous and may be discharged to the ground on unit.

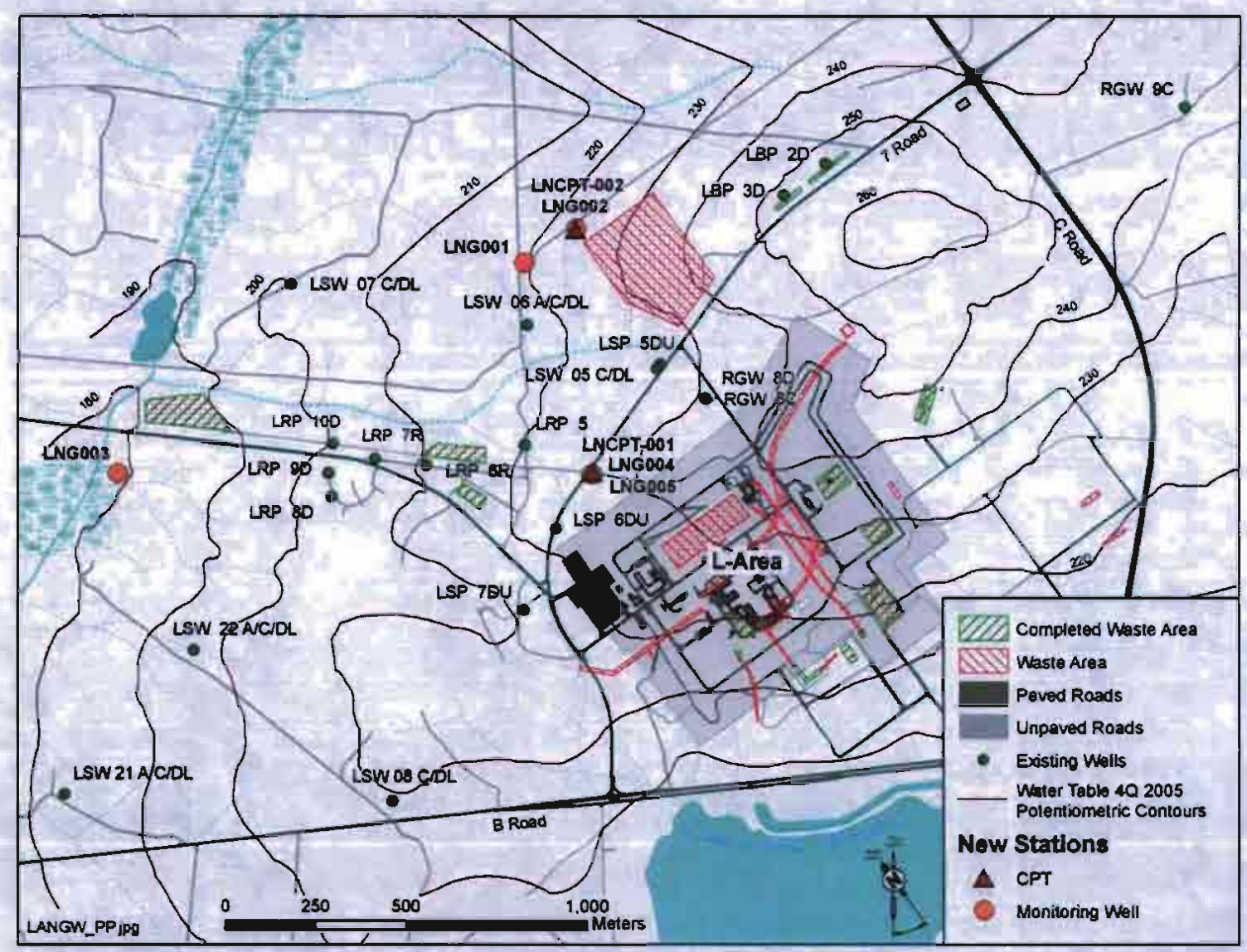
Based on process knowledge, all JCW is not expected to be characteristically hazardous and may be disposed of as sanitary waste.

**Sample Requirements**

During development the wells shall be sampled using the Reduced Analyte List for ETP.

| | | |
|---|---|---|
| **Generator Certification Official** | | |
| Darren Gillis | Darren Gillis | 4-13-09 |
| Printed Name | Signature | Date |
| **Waste Management Cognizant Technical Function** | | |
| Troy Lorier | Troy Lorier | 4-13-2009 |
| Printed Name | Signature | Date |
| **Environmental Compliance Authority** | | |
| Don Frazier | [illegible] | 4-13-09 |
| Printed Name | Signature | Date |
| **Project Task Team Lead** | | |
| Ron Socha | Ronald Socha | 4-13-09 |
| Printed Name | Signature | Date |

# Northern L-Area



## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Piezometers/Monitoring Wells: PMP-001DL, -002DL, -003DL, -004DL, -005DL, -006DL, -007DL, -008DL, PMW-002DL, -003DL, -004DL, -005DL, POS-4, -5, -6

Project Team: P-Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 79) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. Likewise, infiltration, seepage into soils, and leakage around PSLs are other possible primary sources of contamination. However, there are no written records available to determine the origin of the VOCs or whether it is from direct disposal of solvents to the ground. Therefore, the source of contamination found in the soil and groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2007-4032, Revision 1.2, December 2008

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the P-Area Operable Unit, CERCLIS Number: 94

Preparer: Shelia L. McFalls slm Date: 10/13/2009 Checker: Susan Ridgeway SR Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Piezometers/Monitoring Wells: JBS-001A, -001B, -002A, -002B, -003A, -003B, -004A, -004B, -005A, -005B, MCS-001A, -001B, -002A, -002B, -003A, -003B

Project Team: R-Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 53) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. However, there are no written records available to determine the origin of the tritium and VOCs in the groundwater or whether they are from direct disposal of solvents to the ground. Therefore, the source of contamination found in the groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2008-4035, Revision 1.1, July 2009

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the R-Area Operable Unit, CERCLIS Number: 95

Preparer: Shelia L. McFalls Date: 10/13/2009 Checker: Susan Ridgeway Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Piezometers/Monitoring Wells: P20B, -20C, -20D, RAM-009C, RCL-005C, RCP -1A, -1D, -005C, RDB-2D, -3D, -004DL, -005C, -010C, RGW-3C, -3D, RIC-004C

Project Team: R-Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 53) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. However, there are no written records available to determine the origin of the tritium and VOCs in the groundwater or whether they are from direct disposal of solvents to the ground. Therefore, the source of contamination found in the groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2008-4035, Revision 1.1, July 2009

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the R-Area Operable Unit, CERCLIS Number: 95

Preparer: Shelia L. McFalls SLM Date: 10/13/2009 Checker: Susan Ridgeway SR Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Piezometers/Monitoring Wells: RPH-010C, RPS-009C, RSD-002DU, RCC-001C, RAG-002D, -003DL, -008B, -008DL, -009DL, -009DU, -010DL, RPC-002DL

Project Team: R-Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 53) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. However, there are no written records available to determine the origin of the tritium and VOCs in the groundwater or whether they are from direct disposal of solvents to the ground. Therefore, the source of contamination found in the groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2008-4035, Revision 1.1, July 2009

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the R-Area Operable Unit, CERCLIS Number: 95

Preparer: Shelia L. McFalls Date: 10/13/2009 Checker: Susan Ridgeway Date: 10/14/2009

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Monitoring Wells/Piezometers: PAO-001DU, -002DU, -002DL, -003DU, PRGW -001 through PRGW-112 , RGW 6C, RGW 6D

Project Team: P Area Reactor Groundwater Operable Unit (Upper Three Runs Project Team)

Project ECA: Shelia L. McFalls

Listing constituents and RCRA Codes:

CERCLA: Yes

RCRA-Listed: No

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Listing Document, Section 2.0 (page 79) states the following: "Previous area operations resulted in the release or disposal of radionuclides, volatile organic compounds (VOCs), and acid/caustic solutions at various OUs. Likewise, infiltration, seepage into soils, and leakage around PSLs are other possible primary sources of contamination. However, there are no written records available to determine the origin of the VOCs or whether it is from direct disposal of solvents to the ground. Therefore, the source of contamination found in the soil and groundwater is inconclusive."

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination. WSRC-RP-2007-4032, Revision 1.2, December 2008

RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the P-Area Operable Unit, CERCLIS Number: 94

Preparer: Shelia L. McFalls SLM Date: 10/28/2009 Checker: Susan Ridgeway SR Date: 10/28/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: 288-F Ash Basin - FAB 5C, 6C and 7C well clusters

Project Team: RI&ES

Project ECA: none, Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The TCE coming from the Burial Ground Complex does not appear to extend to the FAB wells. Even if it did, the TCE appears to be coming from the Old Burial Ground and, per Leslie Wells, that TCE is not from a listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Map 5B in:
Annual Corrective Action Report for the, F-Area Hazardous Waste Management Facility, the H-Area Hazardous Waste Management Facility, and the Mixed Waste Management Facility (U) SRNS-RP-2009-00272, Volume I, April 2009

Preparer: Dan Wells Date: 11/17/09 Checker: Bill Maloney Date: 11/17/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Crouch Branch - CBS well series: CBS 1, 2, 3

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are located along Crouch Branch and are well outside the MWMF TCE plume.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Map 5B in:
Annual Corrective Action Report for the, F-Area Hazardous Waste Management Facility, the H-Area Hazardous Waste Management Facility, and the Mixed Waste Management Facility (U) SRNS-RP-2009-00272, Volume I, April 2009.

Preparer: Dan Wells DLW Date: 11/17/09 Checker: Bill Maloney WJM Date: 11/17/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: UPPER THREE RUNS - UTR well series: UTR 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The wells lie along Upper Three Runs Creek far from any listed sources.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Map 5B in:
Annual Corrective Action Report for the, F-Area Hazardous Waste Management Facility, the H-Area Hazardous Waste Management Facility, and the Mixed Waste Management Facility (U)
SRNS-RP-2009-00272, Volume I, April 2009

Preparer: Dan Wells DLW Date: 11/17/09 Checker: Bill Maloney WJM Date: 11/17/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: F Tank Farm - FET well series: FET 1D, 2D, 3D, 4D

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are located in the Western GSA Groundwater Operable Unit. Per the ECA for this unit, the source of VOCs in the GSA Western Groundwater OU is not from a known listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Western Groundwater OU, ERD-EN-2005-0127, April 2009

Preparer: Dan Wells DW Date: 11/23/09 Checker: Bill Maloney BM Date: 11/23/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: F Tank Farm - FTF well series: FTF 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24A, 25A, 26, 27, 29

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are located in the Western GSA Groundwater Operable Unit. Per the ECA for this unit, the source of VOCs in the GSA Western Groundwater OU is not from a known listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Western Groundwater OU, ERD-EN-2005-0127, April 2009

Preparer: Dan Wells DW Date: 11/17/09 Checker: Bill Maloney Date: 11/17/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Effluent Treatment Facility - HET well series: HET 1D, 2D, 3D, 4D

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are located in the Eastern GSA Groundwater Operable Unit. Per the ECA for this unit, the source of VOCs in the GSA Eastern Groundwater OU is not from a known listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Eastern Groundwater OU, WSRC-RP-2000-4134, April 2009

Preparer: Dan Wells Date: 11/23/09 Checker: Bill Maloney Date: 11/23/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: H Tank Farm - HTF well series: HTF 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12D, 13, 14, 15D, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 34

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are located in the Eastern GSA Groundwater Operable Unit. Per the ECA for this unit, the source of VOCs in the GSA Eastern Groundwater OU is not from a known listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Eastern Groundwater OU, WSRC-RP-2000-4134, April 2009

Preparer: Dan Wells Date: 11/23/09 Checker: Bill Maloney Date: 11/23/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Near H Area Seepage Basin; H 8

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

This well is located near the H Area Seepage Basins. Per the ECA for this unit, there is no documentation of listed wastes disposed in the basins. This non-listing extends to the contaminated media including the contaminated groundwater. All groundwater monitoring locations are therefore non-listed

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

2003 RCRA Permit Renewal for SRS

Preparer: Dan Wells Date: 11/23/09 Checker: Bill Maloney Date: 11/23/09

**ATTACHMENT 1**
**ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE**

Unit Name: S Area; SBG 6

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

This well is located in the Eastern GSA Groundwater Operable Unit. Per the ECA for this unit, the source of VOCs in the GSA Eastern Groundwater OU is not from a known listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Eastern Groundwater OU, WSRC-RP-2000-4134, April 2009

Preparer: Dan Wells DW Date: 11/23/09 Checker: Bill Maloney Date: 11/23/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: Separations Areas- Z and ZW well series: Z 3, 8, 9, 11, 13, 15, 17, 18, 19A, 20B; ZW 2, 3, 6, 7, 8, 9, 10

Project Team: RI&ES

Project ECA: none; Groundwater SME Dan Wells

Listing constituents and RCRA Codes: none

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

These wells are (were) located in the Eastern and Western GSA Groundwater Operable Units. Per the ECA, the source of VOCs in the Eastern and Western Goundwater OU is not from a known listed source.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Scoping Summary for the Western Groundwater OU, ERD-EN-2005-0127, April 2009
Scoping Summary for the Eastern Groundwater OU, WSRC-RP-2000-4134, April 2009

Preparer: Dan Wells Date: 11/17/09 Checker: Bill Maloney Date: 11/17/09

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: DIW P11B and DIW 2

Project Team: SRNL Technology Demonstration

Project ECA: Larry Eldridge/Doris Hoel

Listing constituents and RCRA Codes: None

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

Based on a review of the data (Ref. 1), SRNL has concluded that there were no RCRA constituents above TCLP levels or that would be listed (Ref. 2).

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Ref. 1: E-Mail (DATA FOR DIW-P11B and DIW 2), Shelia McFalls to Larry Eldridge, dated 11/17/2009

Ref 2: E-Mail (Re: RCRA/CERCLA Determination and RCRA-listed Determination Required), Doris Hoel to Larry Eldridge, dated 11/17/2009

Preparer: Shelia McFalls Date: 11/19/2009 Checker: Larry Eldridge Date: 11/23/09

**Shelia Mcfalls**[redacted]
11/17/2009 03:53 PM

To Larry Eldridge[redacted]
cc Gordon Hayford[redacted], Thelesia Oliver[redacted], Doris Hoel[redacted]
bcc
Subject DATA FOR DIW-P11B and DIW 2

Larry,

Here's the data that you requested.

Please contact me if you have any questions, comments, or concerns.

Thanks
Shelia McFalls
Savannah River Nuclear Solutions, LLC
Regulatory Integration & Environmental Services
Area Completion Projects Environmental
[redacted]

qryProjectComprehensiveAnalyticalDataDIW.xls

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 183000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 179000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.096 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 16 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 15.7 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 58900 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 58300 ug/L | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 97.3 ug/L | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 95.6 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 82100 ug/L | | VU | 1 | 19.2 | 192 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 83200 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 47500 ug/L | | VU | 1 | 17 | 170 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 48200 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 5750 ug/L | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 5820 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 866 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 859 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.112 mg/L | | VU | 2 | 0.0104 | 0.104 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SILICON | 7440-21-3 | 94900 ug/L | | VU | 1 | 6.2 | 62 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SILICON | 7440-21-3 | 93400 ug/L | | VU | 1 | 6.2 | 62 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 3630 ug/L | | VU | 1 | 21.4 | 214 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 3730 ug/L | | VU | 1 | 21.4 | 214 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 1800 mg/L | | VU | 500 | 16 | 160 REG | LD | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 1730 mg/L | | VU | 500 | 16 | 160 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 24.8 ug/L | J | VU | 1 | 10.1 | 101 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 656 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 7/13/2004 DSRS | DSR-00374 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 639 ug/L | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 190000 ug/L | | VU | 0 | 8.05 | 80.5 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.501 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 13.6 ug/L | | VU | 0 | 0.208 | 2.08 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 0.348 ug/L | J | VU | 0 | 0.102 | 1.02 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 86500 ug/L | | VU | 0 | 7.4 | 74 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 101 ug/L | | VU | 0 | 0.275 | 2.75 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 0.18 ug/L | J | VU | 0 | 0.138 | 1.38 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 69700 ug/L | | VU | 0 | 4.8 | 48 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 6 ug/L | U | VU | 0 | 0.6 | 6 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 51400 ug/L | | VU | 0 | 4.25 | 42.5 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 5980 ug/L | | VU | 0 | 0.0375 | 0.375 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 898 ug/L | | VU | 0 | 0.102 | 1.02 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | VU | 1 | 0.0057 | 0.057 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SILICON | 7440-21-3 | 77100 ug/L | | VU | 0 | 6.2 | 62 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 4320 ug/L | | VU | 0 | 5.35 | 53.5 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 6200 mg/L | | VU | 1000 | 32 | 320 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 108 ug/L | | VU | 1 | 10 | 100 REG | REG | TRG |
| 5/3/2004 DSRS | DSR-00354 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 2120 ug/L | | VU | 0 | 1.45 | 14.5 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 261000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 263000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.068 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 21.7 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 21.7 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 91100 ug/L | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 89300 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 142 ug/L | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 139 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 243000 ug/L | | VU | 1 | 19.2 | 192 REG | LD | TRG |

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| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 239000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 75200 ug/L | | VU | 1 | 17 | 170 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 74300 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 9670 ug/L | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 9510 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 1040 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 1050 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | VU | 1 | 0.0057 | 0.057 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 135000 ug/L | | VU | 2 | 13 | 130 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 138000 ug/L | | VU | 2 | 13 | 130 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 7080 ug/L | | VU | 1 | 21.4 | 214 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 7130 ug/L | | VU | 1 | 21.4 | 214 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 2600 mg/L | | VU | 500 | 16 | 160 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 238 ug/L | | VU | 1 | 10.1 | 101 REG | REG | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 956 ug/L | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 2/3/2004 DSRS | DSR-00334 | GRWATER | LVLFY04B | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 941 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 164000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.107 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.113 mg/L | | VU | 1 | 0.0035 | 0.035 REG | LD | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 16 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 1.2 ug/L | J | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 66500 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 65.5 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 2.6 ug/L | U | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 265000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 53200 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 7600 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 652 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | VU | 1 | 0.0057 | 0.057 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 158000 ug/L | | VU | 2 | 13 | 130 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 6130 ug/L | | VU | 1 | 21.4 | 214 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 1800 mg/L | | VU | 500 | 16 | 160 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 80.7 ug/L | J | VU | 1 | 10.1 | 101 REG | REG | TRG |
| 11/4/2003 DSRS | DSR-00314 | GRWATER | LVLFY04 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 77.4 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 223000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.425 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 32.9 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 5.1 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 82500 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 139 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 0.56 ug/L | J | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 470000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 7.5 ug/L | J | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 64700 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 9040 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 1230 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.285 mg/L | U | VU | 5 | 0.0285 | 0.285 REG | LD | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.285 mg/L | U | VU | 5 | 0.0285 | 0.285 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 176000 ug/L | | VU | 2 | 27 | 130 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 3320 ug/L | | VU | 1 | 21.4 | 214 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 3120 mg/L | | VU | 1000 | 0.032 | 32 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 791 ug/L | | VU | 2 | 20.2 | 202 REG | LD | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 674 ug/L | | VU | 2 | 20.2 | 202 REG | REG | TRG |
| 7/14/2003 DSRS | DSR-00288 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 2830 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 403000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 396000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 1.02 mg/L | | VU | 1 | 0.1 | 1 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 9.3 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 9 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 36.5 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 36.1 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 94300 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |

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| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 94300 ug/L | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 209 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 209 ug/L | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 977 ug/L | | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 958 ug/L | | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 346000 ug/L | | VU | 1 | 19.2 | 192 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 347000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 3.7 ug/L | J | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 3.3 ug/L | J | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 112000 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 111000 ug/L | | VU | 1 | 17 | 170 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 12400 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 12300 ug/L | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 2280 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 2280 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.242 mg/L | | VU | 1 | 0.0057 | 0.057 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 227000 ug/L | | VU | 26 | 159 | 1590 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 226000 ug/L | | VU | 26 | 159 | 1590 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 10200 ug/L | | VU | 1 | 21.4 | 214 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 10400 ug/L | | VU | 1 | 21.4 | 214 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 6450 mg/L | | VU | 1 | 0.032 | 0.32 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 560 ug/L | | VU | 2 | 10.1 | 101 REG | REG | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 8240 ug/L | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 4/1/2003 DSRS | DSR-00238 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 8260 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 289000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 289000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 1.27 mg/L | | VU | 1 | 0.0035 | 0.035 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 1.23 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 28 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 27.6 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 1.8 ug/L | J | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 2 ug/L | J | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 108000 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 107000 ug/L | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 141 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 140 ug/L | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 294000 ug/L | | VU | 1 | 19.2 | 192 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 295000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 3.1 ug/L | J | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 90800 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 90400 ug/L | | VU | 1 | 17 | 170 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 12600 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 12500 ug/L | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 1010 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 1010 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.114 mg/L | U | VU | 2 | 0.0114 | 0.114 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 120000 ug/L | | VU | 2 | 13.2 | 132 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 121000 ug/L | | VU | 2 | 13.2 | 132 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 49300 ug/L | | VU | 1 | 21.4 | 214 REG | LD | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 49400 ug/L | | VU | 1 | 21.4 | 214 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 5700 mg/L | | VU | 1000 | 32 | 320 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 1150 ug/L | | VU | 4 | 40.4 | 404 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 1320 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 1/14/2003 DSRS | DSR-00198 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 1310 ug/L | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 218000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 217000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.826 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 47.8 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 48 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 118000 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 119000 ug/L | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 76.4 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 76.4 ug/L | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 5.5 ug/L | U | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 253000 ug/L | | VU | 1 | 19.2 | 192 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 251000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 1.8 ug/L | U | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 88700 ug/L | | VU | 1 | 17 | 170 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 88100 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 11500 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 11600 ug/L | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 798 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 802 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | VU | 1 | 0.0057 | 0.057 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | VU | 1 | 0.0057 | 0.057 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 102000 ug/L | | VU | 2 | 13 | 130 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 103000 ug/L | | VU | 2 | 13 | 130 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 144000 ug/L | | VU | 6 | 128 | 1280 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 146000 ug/L | | VU | 6 | 128 | 1280 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 4540 mg/L | | VU | 500 | 16 | 160 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 49.2 ug/L | J | VU | 1 | 10.1 | 101 REG | LD | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 53 ug/L | J | VU | 1 | 10.1 | 101 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 85.3 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 11/5/2002 DSRS | DSR-00148 | GRWATER | LVLFY03 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 85.8 ug/L | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 127000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 129000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 0.108 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 51.9 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 52.4 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.1 ug/L | U | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 0.7 ug/L | J | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 102000 ug/L | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 103000 ug/L | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 40.1 ug/L | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 38.4 ug/L | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 1.2 ug/L | J | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 1.2 ug/L | J | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 409000 ug/L | | VU | 1 | 19.2 | 192 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 412000 ug/L | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 69400 ug/L | | VU | 1 | 17 | 170 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 70100 ug/L | | VU | 1 | 17 | 170 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 9770 ug/L | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 9870 ug/L | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 744 ug/L | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 759 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.35 mg/L | J | VU | 10 | 0.057 | 0.57 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.31 mg/L | J | VU | 10 | 0.057 | 0.57 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 109000 ug/L | | VU | 2 | 13 | 130 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 110000 ug/L | | VU | 2 | 13 | 130 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 120000 ug/L | | VU | 5 | 107 | 1070 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | SODIUM | 7440-23-5 | 119000 ug/L | | VU | 5 | 107 | 1070 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 2240 mg/L | | VU | 1000 | 0.032 | 0.32 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 101 ug/L | U | VU | 1 | 10.1 | 101 REG | REG | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 233 ug/L | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 9/11/2002 DSRS | DSR-00098 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 235 ug/L | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 140000 ug/L | | VU | 1 | 32.2 | 322 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ALUMINUM | 7429-90-5 | 139000 ug/L | | VU | 1 | 32.2 | 322 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA350.3 | AMMONIA | 7664-41-7 | 1.23 mg/L | | VU | 1 | 0.0035 | 0.035 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 10.6 ug/L | | VU | 1 | 0.83 | 8.3 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | BARIUM | 7440-39-3 | 11.3 ug/L | | VU | 1 | 0.83 | 8.3 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.2 ug/L | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CADMIUM | 7440-43-9 | 4.3 ug/L | | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 114000 ug/L | | | VU | 1 | 29.6 | 296 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CALCIUM | 7440-70-2 | 112000 ug/L | | | VU | 1 | 29.6 | 296 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 27.3 ug/L | | | VU | 1 | 1.1 | 11 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | CHROMIUM | 7440-47-3 | 27.5 ug/L | | | VU | 1 | 1.1 | 11 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 81.4 ug/L | | | VU | 1 | 0.55 | 5.5 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | COPPER | 7440-50-8 | 82.6 ug/L | | | VU | 1 | 0.55 | 5.5 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 143000 ug/L | | | VU | 1 | 19.2 | 192 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | IRON | 7439-89-6 | 140000 ug/L | | | VU | 1 | 19.2 | 192 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | | VU | 1 | 1.5 | 15 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | LEAD | 7439-92-1 | 15 ug/L | U | | VU | 1 | 1.5 | 15 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 70300 ug/L | | | VU | 1 | 17 | 170 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MAGNESIUM | 7439-95-4 | 71600 ug/L | | | VU | 1 | 17 | 170 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 12200 ug/L | | | VU | 1 | 0.15 | 1.5 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | MANGANESE | 7439-96-5 | 12000 ug/L | | | VU | 1 | 0.15 | 1.5 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 757 ug/L | | | VU | 1 | 0.41 | 4.1 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | NICKEL | 7440-02-0 | 744 ug/L | | | VU | 1 | 0.41 | 4.1 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | | VU | 1 | 0.0057 | 0.057 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA353.2 | NITRATE | 14797-55-8 | 0.057 mg/L | U | | VU | 1 | 0.0057 | 0.057 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 72400 ug/L | | | VU | 2 | 13 | 130 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | SILICA | 7631-86-9 | 73300 ug/L | | | VU | 2 | 13 | 130 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA9056 | SULFATE | 14808-79-8 | 1960 mg/L | | | VU | 500 | 16 | 160 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 37.4 ug/L | J | | VU | 1 | 10.1 | 101 REG | REG | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 2010 ug/L | | | VU | 1 | 5.8 | 58 REG | LD | TRG |
| 6/27/2002 DSRS | DSR-00038 | GRWATER | LVLFY02 | DIW-P11B | EPA6010B | ZINC | 7440-66-6 | 1980 ug/L | | | VU | 1 | 5.8 | 58 REG | REG | TRG |
| 4/8/1997 2Q97DIW | DIW2:040897 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.39 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 4/8/1997 2Q97DIW | DIW2:040897 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.36 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 4/8/1997 2Q97DIW | DIW2:040897 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 4/8/1997 2Q97DIW | DIW2:040897 | GRWATER | WA | DIW 2 | EPA415.1 | DISSOLVED ORGANIC CARBON | DOC | 4.6 mg/L | | | S | 1 | | 1 REG | LD | TRG |
| 4/8/1997 2Q97DIW | DIW2:040897 | GRWATER | WA | DIW 2 | EPA415.1 | DISSOLVED ORGANIC CARBON | DOC | 4.7 mg/L | | | S | 1 | | 1 REG | REG | TRG |
| 4/8/1997 2Q97DIW | DIW2:040897 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.074 mg/L | | | S | 1 | | 0.02 REG | REG | TRG |
| 3/25/1997 1Q97DIW | DIW2:032597 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.4 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 3/25/1997 1Q97DIW | DIW2:032597 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.4 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 3/25/1997 1Q97DIW | DIW2:032597 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15 ug/L | | J | D | 1 | | 15.2 REG | REG | TRG |
| 3/25/1997 1Q97DIW | DIW2:032597 | GRWATER | WA | DIW 2 | EPA9060 | DISSOLVED ORGANIC CARBON | DOC | 4.99 mg/L | | | S | 1 | | 1 REG | REG | TRG |
| 3/25/1997 1Q97DIW | DIW2:032597 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.02 mg/L | | U | S | 1 | | 0.02 REG | REG | TRG |
| 3/11/1997 1Q97DIW | DIW2:031197 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.4 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 3/11/1997 1Q97DIW | DIW2:031197 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.34 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 3/11/1997 1Q97DIW | DIW2:031197 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 3/11/1997 1Q97DIW | DIW2:031197 | GRWATER | WA | DIW 2 | EPA9060 | DISSOLVED ORGANIC CARBON | DOC | 8.08 mg/L | | | S | 1 | | 1 REG | LD | TRG |
| 3/11/1997 1Q97DIW | DIW2:031197 | GRWATER | WA | DIW 2 | EPA9060 | DISSOLVED ORGANIC CARBON | DOC | 8.18 mg/L | | | S | 1 | | 1 REG | REG | TRG |
| 3/11/1997 1Q97DIW | DIW2:031197 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.001 mg/L | | J | S | 1 | | 0.02 REG | REG | TRG |
| 2/26/1997 1Q97DIW | DIW2:022697 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.33 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 2/26/1997 1Q97DIW | DIW2:022697 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.25 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 2/26/1997 1Q97DIW | DIW2:022697 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 2/26/1997 1Q97DIW | DIW2:022697 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.059 mg/L | | | S | 1 | | 0.02 REG | REG | TRG |
| 2/11/1997 1Q97DIW | DIW2:021197 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 1.98 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 2/11/1997 1Q97DIW | DIW2:021197 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 2/11/1997 1Q97DIW | DIW2:021197 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.08 mg/L | | | S | 1 | | 0.02 REG | REG | TRG |
| 1/28/1997 1Q97DIW | DIW2:012897 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 1.92 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 1/28/1997 1Q97DIW | DIW2:012897 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 1.92 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 1/28/1997 1Q97DIW | DIW2:012897 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 1/28/1997 1Q97DIW | DIW2:012897 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.02 mg/L | | U | S | 1 | | 0.02 REG | REG | TRG |
| 1/14/1997 1Q97DIW | DIW2:011497 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.15 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 1/14/1997 1Q97DIW | DIW2:011497 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.08 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 1/14/1997 1Q97DIW | DIW2:011497 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 1/14/1997 1Q97DIW | DIW2:011497 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.02 mg/L | | U | S | 1 | | 0.02 REG | REG | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.43 mg/L | | | D | 1 | | 0.122 REG | REG | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA350.3 | AMMONIA | 7664-41-7 | 2.45 mg/L | | | D | 1 | | 0.122 REG | LD | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 30.4 ug/L | | U | D | 1 | | 15.2 REG | LD | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 30.4 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | LD | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA9010A | CYANIDE | 57-12-5 | 15.2 ug/L | | U | D | 1 | | 15.2 REG | REG | TRG |
| 12/18/1996 4Q96DIW | DIW2:121896 | GRWATER | WA | DIW 2 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.02 mg/L | | U | S | 1 | | 0.02 REG | REG | TRG |

Doris Hoel[redacted]
11/17/2009 04:46 PM

To Larry Eldridge[redacted]
cc Gordon Hayford[redacted], Shelia Mcfalls[redacted], Thelesia Oliver[redacted]
bcc
Subject Re: RCRA/CERCLA Determination and RCRA-listed Determination Required

Larry,

I looked at the data and did not see any RCRA constituents above TCLP levels or that would be listed.

*Doris*

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SRNL RCRA ECA
[redacted]

Larry Eldridge---11/17/2009 03:32:05 PM---Shelia, I need to look at the data prior to doing the evaluation....

From: Larry Eldridge[redacted]
To: Shelia Mcfalls[redacted]
Cc: Gordon Hayford[redacted], Thelesia Oliver[redacted], Doris Hoel[redacted]
Date: 11/17/2009 03:32 PM
Subject: Re: RCRA/CERCLA Determination and RCRA-listed Determination Required

Shelia,

I need to look at the data prior to doing the evaluation. Could you please provide that data or let me know where I can see it. I will be in for a short time Friday and on Monday and will try to evaluate it then. If for some reason I can't please get with Doris Hoel, she is the facility ECA for RCRA.

thanks,
lle

Shelia Mcfalls---11/17/2009 01:46:14 PM---Larry, ACP has a list of wells that we need to determine whet...

From: Shelia Mcfalls[redacted]
To: Larry Eldridge[redacted]
Cc: Gordon Hayford[redacted], Thelesia Oliver[redacted]
Date: 11/17/2009 01:46 PM
Subject: RCRA/CERCLA Determination and RCRA-listed Determination Required

Larry,

ACP has a list of wells that we need to determine whether or not they are RCRA or CERCLA wells and whether or not the wells are RCRA-listed. According to the Program Plan database, you were the ECA for the installation of the following well. Can you please complete an Attachment 1 (attached at the bottom of this e-mail) for each series of wells and return to me by Friday, November 20, 2009? Per the procedure for the form, it has to be completed by an ECA and then checked. If you cannot make Friday, can you please let me know when you can have the Attachment 1 completed? I need to have everything completed before the Thanksgiving holiday.

DIW-P11B

Also, do you know anything about DIW 2? I'm only asking because it has to have the same information completed for it and DIW-1 was listed on the program plan log sheet. I thought may be DIW-2 was also an SRNL well.

ER-AP-183_Attachment_1.fp7

Please contact me if you have any questions, comments, or concerns.

Thanks
Shelia McFalls
Savannah River Nuclear Solutions, LLC
Regulatory Integration & Environmental Services
Area Completion Projects Environmental
[redacted]

## ATTACHMENT 1
## ACP WASTE UNITS, SITE EVALUATION AREAS, AND WELLS CONTAINING RCRA LISTED WASTE

Unit Name: 288-1F Ash Basin Closure: FAB 1, 3, and 4

Project Team: Site Infrastructure/Site Utilities Division

Project ECA: Stan Smith

Listing constituents and RCRA Codes: None

RCRA-Listed: No

CERCLA: ~~No~~ Yes 11/23/09

Listing Basis: Provide a summation of information why the decision was made. Reference previous documentation if decision was previously made. Describe good faith efforts (e.g. interviews held, documentation reviewed, knowledge of the source of contamination, data reviewed, etc.) that support the decision.

The 288-1F Ash Basin was the original disposal site for the 284-F Powerhouse. It received ash sluice water (straight well water) and ash from the F-Area Coal-fired boilers until 1984. In 1994, 288-1F was filled and closed with ash that came from 288-H. There is no information available to indicate that the Ash Basin received RCRA-listed waste. In addition, a review of the data for the wells does not indicate the presence of VOCs [(see Ref. 1 (attached)]. Therefore, the wells are not RCRA-listed.

Listing Documents: (provide document names, numbers, dates) Reference the documents used to make that determination.

Ref. 1: Groundwater Monitoring Data for FAB 1, 2, 3

Preparer: Shelia McFalls Date: 11/20/2009 Checker: Date: 11/23/09

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA8021B | 1,1,1-TRICHLOROETHANE | 71-55-6 | 1 ug/L | U | D | 1 | 0.135 | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.025 ug/L | UJ | D | 1 | | 0.025 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.002 ug/L | U | D | 5 | | 0.00045 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.05 ug/L | U | D | 1 | | 0.05 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.009 ug/L | U | D | 5 | | 0.002 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | ALUMINUM | 7429-90-5 | 1850 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | ALUMINUM | 7429-90-5 | 1610 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | ALUMINUM | 7429-90-5 | 1480 ug/L | | D | 1 | | 20 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | ALUMINUM | 7429-90-5 | 1370 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | ALUMINUM | 7429-90-5 | 3160 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135863 | GRWATER | EX | FAB 1 | EPA6010B | ALUMINUM | 7429-90-5 | 504 ug/L | | D | 1 | 29.1 | 200 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | ALUMINUM | 7429-90-5 | 130 ug/L | J | D | 1 | 14.6 | 146 REG | REG | TRG |
| 7/14/1998 2Q98ENVSCR | FAB1:117233 | GRWATER | ES | FAB 1 | EPA6010 | ALUMINUM | 7429-90-5 | 1340 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 4/30/1997 2Q97FAB | FAB1:104164 | GRWATER | WA | FAB 1 | EPA6010 | ALUMINUM | 7429-90-5 | 262 ug/L | J | D | 1 | | 146 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | ALUMINUM | 7429-90-5 | 241 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | GC | FAB 1 | EPA7060 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 1.9 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | LD | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA7060 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | ARSENIC | 7440-38-2 | 3.31 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA7060 | ARSENIC | 7440-38-2 | 2.15 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | EL | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | EL | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 10.9 MFL | U | S | 1 | | 10.9 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | LD | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.363 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.363 MFL | U | S | 1 | | 0.1 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | SP | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.145 MFL | U | S | 1 | | 0.145 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | SP | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 4.537 MFL | U | S | 1 | | 4.537 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | EL | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | LD | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | EL | FAB 1 | TEM | ASBESTOS | 1332-21-4 | 0.22 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA6010 | BARIUM | 7440-39-3 | 23.6 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | BARIUM | 7440-39-3 | 32.3 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | BARIUM | 7440-39-3 | 11.2 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | BARIUM | 7440-39-3 | 21 ug/L | J | D | 1 | | 25 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | BARIUM | 7440-39-3 | 21.7 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | BARIUM | 7440-39-3 | 22.7 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | BARIUM | 7440-39-3 | 16.5 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | BARIUM | 7440-39-3 | 22.2 ug/L | J | D | 1 | | 25 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | BARIUM | 7440-39-3 | 17.1 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | BARIUM | 7440-39-3 | 26.3 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | BARIUM | 7440-39-3 | 15.6 ug/L | | D | 1 | | 4 REG | LD | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | BORON | 7440-42-8 | 179 ug/L | | D | 1 | | 50 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | GE | FAB 1 | EPA6010 | BORON | 7440-42-8 | 123 ug/L | | D | 1 | | 30 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | BORON | 7440-42-8 | 164 ug/L | | D | 1 | | 50 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | BORON | 7440-42-8 | 171 ug/L | J | D | 1 | 26.6 | 266 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135863 | GRWATER | EX | FAB 1 | EPA6010B | BORON | 7440-42-8 | 201 ug/L | | D | 1 | 6.3 | 100 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | BORON | 7440-42-8 | 116 ug/L | | D | 1 | | 52 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | CADMIUM | 7440-43-9 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | CADMIUM | 7440-43-9 | 5 ug/L | U | D | 1 | | 5 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | CADMIUM | 7440-43-9 | 0.141 ug/L | J | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | CALCIUM | 7440-70-2 | 56200 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | CALCIUM | 7440-70-2 | 9910 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | CALCIUM | 7440-70-2 | 10600 ug/L | | D | 1 | 47.1 | 471 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | CALCIUM | 7440-70-2 | 36600 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | CALCIUM | 7440-70-2 | 16000 ug/L | | D | 1 | | 10 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | CALCIUM | 7440-70-2 | 17600 ug/L | | D | 1 | | 10 REG | REG | TRG |

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| 6/10/1999 | 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA8021B | CARBON TETRACHLORIDE | 56-23-5 | 1 ug/L | U | D | 1 | 0.154 | 1 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA300.0 | CHLORIDE | 16887-00-6 | 3.61 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA300.0 | CHLORIDE | 16887-00-6 | 3.56 mg/L | | D | 1 | | 0.25 REG | LD | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA325.1 | CHLORIDE | 16887-00-6 | 4.82 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | CHLORIDE | 16887-00-6 | 4.22 mg/L | | D | 1 | | 0.25 REG | LD | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | CHLORIDE | 16887-00-6 | 4.16 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/10/1999 | 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA9056 | CHLORIDE | 16887-00-6 | 4.77 mg/L | | D | 1 | 0.021 | 0.21 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA300.0 | CHLORIDE | 16887-00-6 | 7.83 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/10/1999 | 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA8021B | CHLOROFORM | 67-66-3 | 1 ug/L | U | D | 1 | 0.028 | 1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | CHROMIUM | 7440-47-3 | 20.7 ug/L | | D | 1 | | 4 REG | LD | TRG |
| 7/11/1995 | 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | CHROMIUM | 7440-47-3 | 5.17 ug/L | J | D | 1 | | 25 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | CHROMIUM | 7440-47-3 | 10.9 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | CHROMIUM | 7440-47-3 | 4.31 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | CHROMIUM | 7440-47-3 | 3.63 ug/L | J | D | 1 | | 4 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA6010 | CHROMIUM | 7440-47-3 | 11.5 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | CHROMIUM | 7440-47-3 | 5.66 ug/L | J | D | 1 | | 25 REG | LD | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | CHROMIUM | 7440-47-3 | 21.7 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | CHROMIUM | 7440-47-3 | 7.82 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | CHROMIUM | 7440-47-3 | 9.51 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | CHROMIUM | 7440-47-3 | 36.4 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 6/10/1999 | 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA8021B | CIS-1,2-DICHLORDETHYLENE | 156-59-2 | 1 ug/L | U | D | 1 | 0.119 | 1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA8080 | ENDRIN | 72-20-8 | 0.05 ug/L | U | D | 1 | | 0.05 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA8080 | ENDRIN | 72-20-8 | 0.006 ug/L | UJ | D | 1 | | 0.006 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA340.2 | FLUORIDE | 16984-48-8 | 0.108 mg/L | | D | 1 | | 0.1 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA340.2 | FLUORIDE | 16984-48-8 | 0.148 mg/L | | D | 1 | | 0.1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.5 mg/L | U | D | 5 | | 0.5 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.039 mg/L | J | D | 1 | | 0.1 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.138 mg/L | J | D | 1 | | 0.1 REG | REG | TRG |
| 4/30/1997 | 2Q97FAB | FAB1:104164 | GRWATER | QR | FAB 1 | RICHRC5014 | GROSS ALPHA | 12587-46-1 | 18.6 pCi/L | | D | 1 | | 1.43 REG | REG | TRG |
| 10/23/2000 | 4Q00ENVSCR | FAB1:135862 | GRWATER | TM | FAB 1 | EPA900.0MOD | GROSS ALPHA | 12587-46-1 | 19.39 pCi/L | | D | 1 | 0.98 | 5.64 REG | LD | TRG |
| 10/23/2000 | 4Q00ENVSCR | FAB1:135862 | GRWATER | TM | FAB 1 | EPA900.0MOD | GROSS ALPHA | 12587-46-1 | 19.03 pCi/L | | D | 1 | 1.13 | 5.91 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GP | FAB 1 | EPA-001 | GROSS ALPHA | 12587-46-1 | 11.5 pCi/L | | D | 1 | | 1.28 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GP | FAB 1 | EPA900.0 | GROSS ALPHA | 12587-46-1 | 1.66 pCi/L | J | D | 1 | | 1.5 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | TM | FAB 1 | EPA900.0 | GROSS ALPHA | 12587-46-1 | 1.5 pCi/L | | D | 1 | | 0.68 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | GP | FAB 1 | EPA-001 | GROSS ALPHA | 12587-46-1 | 3.02 pCi/L | J | D | 1 | | 0.826 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB1:81319 | GRWATER | GP | FAB 1 | EPA-001 | GROSS ALPHA | 12587-46-1 | 7.76 pCi/L | | D | 1 | | 0.39 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | IRON | 7439-89-6 | 460 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 6/10/1999 | 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | IRON | 7439-89-6 | 68.1 ug/L | U | D | 1 | 7.4 | 74 REG | REG | TRG |
| 4/30/1997 | 2Q97FAB | FAB1:104164 | GRWATER | WA | FAB 1 | EPA6010 | IRON | 7439-89-6 | 163 ug/L | | D | 1 | | 74 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | IRON | 7439-89-6 | 35.8 ug/L | | D | 1 | | 18 REG | REG | TRG |
| 7/14/1998 | 2Q98ENVSCR | FAB1:117233 | GRWATER | ES | FAB 1 | EPA6010 | IRON | 7439-89-6 | 540 ug/L | J | D | 1 | | 20 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | IRON | 7439-89-6 | 52.6 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | IRON | 7439-89-6 | 473 ug/L | | D | 1 | | 4 REG | LD | TRG |
| 1/2/1996 | 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | IRON | 7439-89-6 | 4790 ug/L | | D | 1 | | 18 REG | REG | TRG |
| 10/23/2000 | 4Q00ENVSCR | FAB1:135863 | GRWATER | EX | FAB 1 | EPA6010B | IRON | 7439-89-6 | 191 ug/L | J | D | 1 | 3.4 | 200 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | IRON | 7439-89-6 | 876 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA7421 | LEAD | 7439-92-1 | 3 ug/L | U | D | 1 | | 3 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA7421 | LEAD | 7439-92-1 | 5.05 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7421 | LEAD | 7439-92-1 | 1.04 ug/L | J | D | 1 | | 5 REG | LD | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA239.2 | LEAD | 7439-92-1 | 3.6 ug/L | | D | 1 | | 3 REG | LD | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA239.2 | LEAD | 7439-92-1 | 3 ug/L | U | D | 1 | | 3 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | LEAD | 7439-92-1 | 100 ug/L | U | D | 1 | | 100 REG | LD | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA239.2 | LEAD | 7439-92-1 | 5.8 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7421 | LEAD | 7439-92-1 | 1 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | LEAD | 7439-92-1 | 4.74 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | LEAD | 7439-92-1 | 2.34 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA7421 | LEAD | 7439-92-1 | 4.92 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | LEAD | 7439-92-1 | 6.22 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA8080 | LINDANE | 58-89-9 | 0.005 ug/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA8080 | LINDANE | 58-89-9 | 0.025 ug/L | U | D | 1 | | 0.025 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | LITHIUM | 7439-93-2 | 61.6 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | LITHIUM | 7439-93-2 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 10/23/2000 | 4Q00ENVSCR | FAB1:135862 | GRWATER | EX | FAB 1 | EPA7430 | LITHIUM | 7439-93-2 | 0.53 ug/L | J | D | 1 | 0.478 | 2 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | LITHIUM | 7439-93-2 | 114 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | LD | TRG |

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| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 4/30/1997 2Q97FAB | FAB1:104164 | GRWATER | WA | FAB 1 | EPA6010 | LITHIUM | 7439-93-2 | 2 ug/L | U | D | 1 | | 2.7 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | MAGNESIUM | 7439-95-4 | 2700 ug/L | | D | 1 | 7.4 | 74 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | MAGNESIUM | 7439-95-4 | 816 ug/L | | D | 1 | | 7.5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | MAGNESIUM | 7439-95-4 | 772 ug/L | | D | 1 | | 7.5 REG | LD | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | MAGNESIUM | 7439-95-4 | 659 ug/L | | D | 1 | | 5.9 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | MAGNESIUM | 7439-95-4 | 381 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | MAGNESIUM | 7439-95-4 | 2250 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | MANGANESE | 7439-96-5 | 2.21 ug/L | J | D | 1 | | 2 REG | REG | TRG |
| 4/30/1997 2Q97FAB | FAB1:104164 | GRWATER | WA | FAB 1 | EPA6010 | MANGANESE | 7439-96-5 | 43 ug/L | | D | 1 | | 7.8 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | MANGANESE | 7439-96-5 | 51.6 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | MANGANESE | 7439-96-5 | 5.3 ug/L | | D | 1 | | 2 REG | LD | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135863 | GRWATER | EX | FAB 1 | EPA6010B | MANGANESE | 7439-96-5 | 44.7 ug/L | | D | 1 | 0.5 | 10 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | MANGANESE | 7439-96-5 | 5.3 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | MANGANESE | 7439-96-5 | 38.1 ug/L | | D | 1 | | 10 REG | LD | TRG |
| 7/14/1998 2Q98ENVSCR | FAB1:117233 | GRWATER | ES | FAB 1 | EPA6010 | MANGANESE | 7439-96-5 | 39.2 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | MANGANESE | 7439-96-5 | 33.9 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | MANGANESE | 7439-96-5 | 38.4 ug/L | | D | 1 | 0.78 | 7.8 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | MANGANESE | 7439-96-5 | 10.5 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.49 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.296 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA245.1 | MERCURY | 7439-97-6 | 0.335 ug/L | | D | 1 | | 0.2 REG | LD | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.773 ug/L | J | D | 1 | | 0.2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA245.1 | MERCURY | 7439-97-6 | 0.322 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA245.1 | MERCURY | 7439-97-6 | 0.2 ug/L | UJ | D | 1 | | 0.2 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.412 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.737 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 2.85 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA245.1 | MERCURY | 7439-97-6 | 0.2 ug/L | UJ | D | 1 | | 0.2 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA8080 | METHOXYCHLOR | 72-43-5 | 0.5 ug/L | U | D | 1 | | 0.5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA8080 | METHOXYCHLOR | 72-43-5 | 0.5 ug/L | UJ | D | 1 | | 0.5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | NICKEL | 7440-02-0 | 7.92 ug/L | J | D | 1 | | 25 REG | LD | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 3.7 mg/L | J | D | 2 | | 0.02 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA353.2 | NITRATE | 14797-55-8 | 3.31 mg/L | | D | 10 | | 0.02 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 3.45 mg/L | J | D | 1 | | 0.01 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 3.45 mg/L | J | D | 1 | | 0.01 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA353.2 | NITRATE | 14797-55-8 | 2.5 mg/L | | D | 5 | | 0.02 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 3.97 mg/L | | D | 50 | | 0.5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 3.64 mg/L | J | D | 2 | | 0.02 REG | LD | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 3.32 mg/L | | D | 2 | | 0.02 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 5.37 mg/L | | D | 25 | | 0.25 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA300.0 | NITRATE | 14797-55-8 | 5.66 mg/L | | D | 20 | | 0.2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 2.07 mg/L | | S | 2 | | 0.05 REG | REG | TRG |
| 7/14/1998 2Q98ENVSCR | FAB1:117233 | GRWATER | ES | FAB 1 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 5.77 mg/L | | S | 50 | | 0.5 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135863 | GRWATER | EX | FAB 1 | EPA300.0 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 6.64 mg/L | | S | 10 | 0.266 | 1 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA353.2 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 4.97 mg/L | | S | 10 | 0.02 | 0.2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 3.8 mg/L | | S | 2 | | 0.2 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 4.64 mg/L | J | S | 4 | | 0.2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 5.4 mg/L | | S | 5 | | 0.25 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 3.84 mg/L | | S | 4 | | 0.2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 3.32 mg/L | | S | 2 | | 0.2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 2.71 mg/L | | S | 2 | | 0.2 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | LD | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135862 | GRWATER | TM | FAB 1 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 11.15 pCi/L | | D | 1 | 1.31 | 4.13 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135862 | GRWATER | TM | FAB 1 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 11.49 pCi/L | | D | 1 | 1.42 | 4.34 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | GP | FAB 1 | EPIA-001 | NONVOLATILE BETA | 12587-47-2 | 3.46 pCi/L | | D | 1 | | 1.47 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | TM | FAB 1 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 10.35 pCi/L | | D | 1 | 1.96 | 5.18 REG | LD | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | TM | FAB 1 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 10.93 pCi/L | | D | 1 | 1.96 | 5.24 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | TM | FAB 1 | EPA900.0 | NONVOLATILE BETA | 12587-47-2 | 11.3 pCi/L | | D | 1 | | 0.79 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GP | FAB 1 | EPA900.0 | NONVOLATILE BETA | 12587-47-2 | 3.11 pCi/L | J | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GP | FAB 1 | EPIA-001 | NONVOLATILE BETA | 12587-47-2 | 9.89 pCi/L | U | D | 1 | | 1.31 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA150.1 | PH | 12408-02-5 | 7.34 pH | J | S | 1 | | 0.01 REG | REG | TRG |

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| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA150.1 | PH | 12408-02-5 | 10.1 pH | J | S | 1 | | 0.1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA150.1 | PH | 12408-02-5 | 9.72 pH | J | S | 1 | | 0.1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA150.1 | PH | 12408-02-5 | 11.1 pH | J | S | 1 | | 0.01 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA420.2 | PHENOLS | 84743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA420.2 | PHENOLS | 84743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA420.2 | PHENOLS | 84743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA420.2 | PHENOLS | 84743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA420.2 | PHENOLS | 84743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | POTASSIUM | 7440-09-7 | 13100 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | POTASSIUM | 7440-09-7 | 8780 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | POTASSIUM | 7440-09-7 | 2650 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | POTASSIUM | 7440-09-7 | 3060 ug/L | | D | 1 | 18.7 | 187 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | POTASSIUM | 7440-09-7 | 2580 ug/L | | D | 1 | | 500 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | POTASSIUM | 7440-09-7 | 2730 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GP | FAB 1 | EPA900.1 | RADIUM, TOTAL ALPHA-EMITTING | 7440-14-4 | 0.9 pCi/L | J | S | 1 | | 0.5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA7740 | SELENIUM | 7782-49-2 | 2.89 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7740 | SELENIUM | 7782-49-2 | 1.59 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA7740 | SELENIUM | 7782-49-2 | 1.94 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA7740 | SELENIUM | 7782-49-2 | 2.64 ug/L | J | D | 1 | | 5 REG | LD | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | SELENIUM | 7782-49-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | SELENIUM | 7782-49-2 | 1.67 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | SELENIUM | 7782-49-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA7740 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | SILICA | 7631-86-9 | 7880 ug/L | | D | 2.0999999 | 135 | 1350 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | SILICA | 7631-86-9 | 11900 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | SILICA | 7631-86-9 | 12300 ug/L | | D | 1 | | 167 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | SILICA | 7631-86-9 | 11900 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | SILICA | 7631-86-9 | 10300 ug/L | | D | 2.0999999 | | 100 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | SILICA | 7631-86-9 | 7990 ug/L | | D | 1 | | 100 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | SILICA | 7631-86-9 | 11300 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | SILVER | 7440-22-4 | 0.65 ug/L | U | D | 1 | | 0.65 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | LD | TRG |
| 4/19/1995 2Q95FAB | FAB1:67642 | GRWATER | GE | FAB 1 | EPA6010 | SILVER | 7440-22-4 | 0.65 ug/L | U | D | 1 | | 0.65 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | SILVER | 7440-22-4 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB1:65990 | GRWATER | GE | FAB 1 | EPA6010A | SILVER | 7440-22-4 | 25 ug/L | U | D | 1 | | 25 REG | LD | TRG |
| 11/14/1995 4Q95FAB | FAB1:70361 | GRWATER | GE | FAB 1 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB1:84175 | GRWATER | GE | FAB 1 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | SODIUM | 7440-23-5 | 11300 ug/L | J | D | 1 | | 11.5 REG | LD | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA200.7 | SODIUM | 7440-23-5 | 23600 ug/L | | D | 1 | | 13 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA6010B | SODIUM | 7440-23-5 | 10700 ug/L | | D | 1 | 28.5 | 285 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA6010 | SODIUM | 7440-23-5 | 11800 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA6010 | SODIUM | 7440-23-5 | 16800 ug/L | | D | 1 | | 100 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA200.7 | SODIUM | 7440-23-5 | 12000 ug/L | J | D | 1 | | 11.5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 189 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 153 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 381 uS/cm | | S | 1 | | 0.3 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 331 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA9056 | SULFATE | 14808-79-8 | 34.4 mg/L | | D | 10 | 0.34 | 3.4 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA300.0 | SULFATE | 14808-79-8 | 29.2 mg/L | | D | 1 | | 1 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA300.0 | SULFATE | 14808-79-8 | 40.7 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA300.0 | SULFATE | 14808-79-8 | 29.2 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA300.0 | SULFATE | 14808-79-8 | 41.3 mg/L | | D | 10 | | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA300.0 | SULFATE | 14808-79-8 | 33 mg/L | | D | 10 | | 1 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA8021B | TETRACHLOROETHYLENE (PCE) | 127-18-4 | 1 ug/L | U | D | 1 | 0.229 | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | EM | FAB 1 | 3Q1-6-1420 | TOTAL ACTIVITY | TOTACT | -0.275 pCi/mL | U | S | 10 | | 1.5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | EM | FAB 1 | 3Q1-6-1420 | TOTAL ACTIVITY | TOTACT | -4.963 pCi/mL | U | S | 10 | | 1.5 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 232 mg/L | | S | 1 | | 5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA160.2 | TOTAL DISSOLVED SOLIDS | TDS | 94 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 84 mg/L | | S | 1 | 5 | 50 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 147 mg/L | J | S | 1 | | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA160.2 | TOTAL DISSOLVED SOLIDS | TDS | 144 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 99 mg/L | | S | 1 | 5 | 50 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.12 mg/L | J | S | 1 | | 1 REG | REG | TRG |

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| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.64 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.5 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1 mg/L | U | S | 1 | | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1 mg/L | U | S | 1 | | 1 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.37 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135863 | GRWATER | EX | FAB 1 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 5 mg/L | U | S | 1 | 0.551 | 5 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 0.555 mg/L | J | S | 1 | 0.1 | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.4 mg/L | | S | 1 | | 1 REG | LD | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.0101 mg/L | | S | 1 | | 0.005 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA9020 | TOTAL ORGANIC HALOGENS | TOX | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.12 mg/L | U | S | 1 | 0.012 | 0.12 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.0119 mg/L | | S | 1 | | 0.01 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.01 mg/L | U | S | 1 | | 0.01 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB1:81319 | GRWATER | GE | FAB 1 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.00996 mg/L | J | S | 1 | | 0.01 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.00779 mg/L | | S | 1 | | 0.005 REG | REG | TRG |
| 10/23/2000 4Q00ENVSCR | FAB1:135862 | GRWATER | WA | FAB 1 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.0518 mg/L | J | S | 1 | 0.012 | 0.12 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | WA | FAB 1 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 50 ug/L | U | S | 1 | | 50 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA365.1 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 50 ug/L | U | S | 1 | | 50 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 7.34 ug/L | J | S | 1 | 6.7 | 67 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA365.3 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 30 ug/L | J | S | 1 | | 100 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | WA | FAB 1 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 50 ug/L | U | S | 1 | | 50 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GE | FAB 1 | EPA8080 | TOXAPHENE | 8001-35-2 | 0.24 ug/L | UJ | D | 1 | | 0.24 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GE | FAB 1 | EPA8080 | TOXAPHENE | 8001-35-2 | 1 ug/L | U | D | 1 | | 1 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | WA | FAB 1 | EPA8021B | TRICHLOROETHYLENE (TCE) | 79-01-6 | 1 ug/L | U | D | 1 | 0.075 | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | TM | FAB 1 | EPA906.0 | TRITIUM | 10028-17-8 | 3.6 pCi/mL | | D | 1 | | 0.5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB1:57410 | GRWATER | GP | FAB 1 | EPA906.0 | TRITIUM | 10028-17-8 | 2.61 pCi/mL | | D | 1 | | 0.7 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | TM | FAB 1 | EPA906.0MOD | TRITIUM | 10028-17-8 | 4.1 pCi/mL | | D | 1 | 0.49 | 1.51 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB1:60123 | GRWATER | GP | FAB 1 | EPA-002 | TRITIUM | 10028-17-8 | 3.37 pCi/mL | | D | 1 | | 0.599 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB1:65762 | GRWATER | GP | FAB 1 | EPA-002 | TRITIUM | 10028-17-8 | 4.22 pCi/mL | | D | 1 | | 0.64 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB1:62935 | GRWATER | TM | FAB 1 | EPA906.0 | TRITIUM | 10028-17-8 | 4 pCi/mL | | D | 1 | | 0.5 REG | REG | TRG |
| 6/10/1999 2Q99ENVSCR | FAB1:123460 | GRWATER | TM | FAB 1 | EPA906.0MOD | TRITIUM | 10028-17-8 | 4.11 pCi/mL | | D | 1 | 0.49 | 1.51 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | 1,1,1-TRICHLOROETHANE | 71-55-6 | 1 ug/L | UJ | D | 1 | 0.135 | 1 REG | LD | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | 1,1,1-TRICHLOROETHANE | 71-55-6 | 1 ug/L | UJ | D | 1 | 0.135 | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.025 ug/L | UJ | D | 1 | | 0.025 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.002 ug/L | U | D | 5 | | 0.000441 REG | REG | TRG |
| 8/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.002 ug/L | U | D | 5 | | 0.00045 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.007 ug/L | U | D | 5 | | 0.001 REG | REG | TRG |
| 8/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.008 ug/L | U | D | 5 | | 0.002 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.049 ug/L | U | D | 1 | | 0.049 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | ALUMINUM | 7429-90-5 | 1760 ug/L | J | D | 1 | | 20 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | ALUMINUM | 7429-90-5 | 166 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB3:135860 | GRWATER | EX | FAB 3 | EPA6010B | ALUMINUM | 7429-90-5 | 274 ug/L | | D | 1 | 29.1 | 200 REG | REG | TRG |
| 4/29/1997 2Q97FAB | FAB3:104160 | GRWATER | WA | FAB 3 | EPA6010 | ALUMINUM | 7429-90-5 | 146 ug/L | UJ | D | 1 | | 146 REG | REG | TRG |
| 7/14/1998 2Q98ENVSCR | FAB3:117235 | GRWATER | ES | FAB 3 | EPA6010 | ALUMINUM | 7429-90-5 | 422 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | ALUMINUM | 7429-90-5 | 744 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | ALUMINUM | 7429-90-5 | 334 ug/L | J | D | 1 | 14.6 | 146 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | ALUMINUM | 7429-90-5 | 55 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | ALUMINUM | 7429-90-5 | 209 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA7060 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | GC | FAB 3 | EPA7060 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 1.9 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | SP | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 8.73 MFL | U | S | 1 | | 8.73 REG | LD | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | SP | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 8.73 MFL | U | S | 1 | | 8.73 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | EL | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 21.8 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | SP | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 4.537 MFL | U | S | 1 | | 4.537 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | EL | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 21.8 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 0.454 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | EL | FAB 3 | TEM | ASBESTOS | 1332-21-4 | 10.9 MFL | U | S | 1 | | 10.9 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | BARIUM | 7440-39-3 | 5.05 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | BARIUM | 7440-39-3 | 8.21 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | BARIUM | 7440-39-3 | 5 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA6010 | BARIUM | 7440-39-3 | 6.3 ug/L | | D | 1 | | 3 REG | REG | TRG |

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| 5/15/1996 | 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | BARIUM | 7440-39-3 | 10.2 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA6010A | BARIUM | 7440-39-3 | 5.42 ug/L | J | D | 1 | | 25 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | BARIUM | 7440-39-3 | 36.5 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | BARIUM | 7440-39-3 | 4.7 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | BARIUM | 7440-39-3 | 6.8 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | BORON | 7440-42-8 | 33.1 ug/L | J | D | 1 | | 50 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | BORON | 7440-42-8 | 47.6 ug/L | J | D | 1 | | 50 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | GE | FAB 3 | EPA6010 | BORON | 7440-42-8 | 30 ug/L | U | D | 1 | | 30 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | BORON | 7440-42-8 | 52 ug/L | U | D | 1 | | 52 REG | REG | TRG |
| 10/20/2000 | 4Q00ENVSCR | FAB3:135860 | GRWATER | EX | FAB 3 | EPA6010B | BORON | 7440-42-8 | 66.8 ug/L | J | D | 1 | 6.3 | 100 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | BORON | 7440-42-8 | 61.2 ug/L | J | D | 1 | 26.6 | 266 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | CADMIUM | 7440-43-9 | 0.23 ug/L | J | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA6010A | CADMIUM | 7440-43-9 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | CADMIUM | 7440-43-9 | 0.144 ug/L | J | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | CALCIUM | 7440-70-2 | 2260 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | CALCIUM | 7440-70-2 | 2100 ug/L | | D | 1 | 47.1 | 471 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | CALCIUM | 7440-70-2 | 1540 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | CALCIUM | 7440-70-2 | 2650 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | CALCIUM | 7440-70-2 | 24700 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | CARBON TETRACHLORICE | 56-23-5 | 1 ug/L | UJ | D | 1 | 0.154 | 1 REG | LD | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | CARBON TETRACHLORIDE | 56-23-5 | 1 ug/L | UJ | D | 1 | 0.154 | 1 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA9056 | CHLORIDE | 16887-00-6 | 2.59 mg/L | | D | 1 | 0.021 | 0.21 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA300.0 | CHLORIDE | 16887-00-6 | 2.54 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA300.0 | CHLORIDE | 16887-00-6 | 4 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA300.0 | CHLORIDE | 16887-00-6 | 1.98 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA325.1 | CHLORIDE | 16887-00-6 | 5.11 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | CHLOROFORM | 67-66-3 | 1 ug/L | UJ | D | 1 | 0.028 | 1 REG | LD | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | CHLOROFORM | 67-66-3 | 1 ug/L | UJ | D | 1 | 0.028 | 1 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | CHROMIUM | 7440-47-3 | 4.5 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | CHROMIUM | 7440-47-3 | 1.14 ug/L | J | D | 1 | | 4 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | CHROMIUM | 7440-47-3 | 6.97 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA6010 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA6010A | CHROMIUM | 7440-47-3 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | CIS-1,2-DICHLOROETHYLENE | 156-59-2 | 1 ug/L | UJ | D | 1 | 0.119 | 1 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | CIS-1,2-DICHLOROETHYLENE | 156-59-2 | 1 ug/L | UJ | D | 1 | 0.119 | 1 REG | LD | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA8080 | ENDRIN | 72-20-8 | 0.05 ug/L | UJ | D | 1 | | 0.05 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8080 | ENDRIN | 72-20-8 | 0.00600 ug/L | U | D | 1 | | 0.006 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.022 mg/L | J | D | 1 | | 0.1 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.5 mg/L | U | D | 5 | | 0.5 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA340.2 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.03 mg/L | J | D | 1 | | 0.1 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA340.2 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.023 mg/L | J | D | 1 | | 0.1 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | GP | FAB 3 | EPIA-001 | GROSS ALPHA | 12587-46-1 | 0.965 pCi/L | J | D | 1 | | 0.761 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GP | FAB 3 | EPIA-001 | GROSS ALPHA | 12587-46-1 | 1.28 pCi/L | | D | 1 | | 0.937 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GP | FAB 3 | EPIA-001 | GROSS ALPHA | 12587-46-1 | 0.585 pCi/L | U | D | 1 | | 1.17 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | TM | FAB 3 | EPA900.0 | GROSS ALPHA | 12587-46-1 | 2.8 pCi/L | | D | 1 | | 0.69 REG | REG | TRG |
| 4/29/1997 | 2Q97FAB | FAB3:104160 | GRWATER | OR | FAB 3 | RICHRC5014 | GROSS ALPHA | 12587-46-1 | 0.912 pCi/L | | D | 1 | | 0.706 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GP | FAB 3 | EPA900.0 | GROSS ALPHA | 12587-46-1 | 0.431 pCi/L | J | D | 1 | | 1.5 REG | REG | TRG |
| 6/16/1999 | 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | IRON | 7439-89-6 | 1740 ug/L | | D | 1 | 7.4 | 74 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | IRON | 7439-89-6 | 165 ug/L | | D | 1 | | 18 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | IRON | 7439-89-6 | 770 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 7/14/1998 | 2Q98ENVSCR | FAB3:117235 | GRWATER | ES | FAB 3 | EPA6010 | IRON | 7439-89-6 | 906 ug/L | J | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | IRON | 7439-89-6 | 763 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 10/20/2000 | 4Q00ENVSCR | FAB3:135860 | GRWATER | EX | FAB 3 | EPA6010B | IRON | 7439-89-6 | 554 ug/L | | D | 1 | 5.4 | 200 REG | REG | TRG |
| 1/15/1996 | 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | IRON | 7439-89-6 | 3780 ug/L | | D | 1 | | 18 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | IRON | 7439-89-6 | 157 ug/L | | D | 1 | | 4 REG | REG | TRG |

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| 4/29/1997 2Q97FAB | FAB3:104160 | GRWATER | WA | FAB 3 | EPA6010 | IRON | 7439-89-6 | 77.4 ug/L | | D | 1 | | 74 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | LEAD | 7439-92-1 | 2.79 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA7421 | LEAD | 7439-92-1 | 4.01 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA239.2 | LEAD | 7439-92-1 | 3.8 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA239.2 | LEAD | 7439-92-1 | 6.2 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA7421 | LEAD | 7439-92-1 | 5.73 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | LEAD | 7439-92-1 | 6.48 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | LEAD | 7439-92-1 | 3.82 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA7421 | LEAD | 7439-92-1 | 3.92 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA7421 | LEAD | 7439-92-1 | 4.81 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8080 | LINDANE | 58-89-9 | 0.00505 ug/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA8080 | LINDANE | 58-89-9 | 0.025 ug/L | UJ | D | 1 | | 0.025 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB3:135860 | GRWATER | EX | FAB 3 | EPA7430 | LITHIUM | 7439-93-2 | 2.39 ug/L | | D | 1 | 0.478 | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 4/29/1997 2Q97FAB | FAB3:104160 | GRWATER | WA | FAB 3 | EPA6010 | LITHIUM | 7439-93-2 | 32.4 ug/L | | D | 1 | | 2.7 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | LITHIUM | 7439-93-2 | 58 ug/L | | D | 1 | | 25 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | MAGNESIUM | 7439-95-4 | 866 ug/L | | D | 1 | 7.4 | 74 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | MAGNESIUM | 7439-95-4 | 533 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | MAGNESIUM | 7439-95-4 | 270 ug/L | | D | 1 | | 7.5 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | MAGNESIUM | 7439-95-4 | 417 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | MAGNESIUM | 7439-95-4 | 442 ug/L | | D | 1 | | 5.9 REG | REG | TRG |
| 7/14/1998 2Q98ENVSCR | FAB3:117235 | GRWATER | ES | FAB 3 | EPA6010 | MANGANESE | 7439-96-5 | 22.5 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | MANGANESE | 7439-96-5 | 22 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | MANGANESE | 7439-96-5 | 29.6 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 4/29/1997 2Q97FAB | FAB3:104160 | GRWATER | WA | FAB 3 | EPA6010 | MANGANESE | 7439-96-5 | 12.4 ug/L | | D | 1 | | 1.8 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | MANGANESE | 7439-96-5 | 22.5 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | MANGANESE | 7439-96-5 | 40.1 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | MANGANESE | 7439-96-5 | 38.6 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA245.1 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.044 ug/L | U | D | 1 | | 0.2 REG | LD | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA245.1 | MERCURY | 7439-97-6 | 0.2 ug/L | UJ | D | 1 | | 0.2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA7470 | MERCURY | 7439-97-6 | 0.055 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA8080 | METHOXYCHLOR | 72-43-5 | 0.5 ug/L | UJ | D | 1 | | 0.5 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8080 | METHOXYCHLOR | 72-43-5 | 0.505 ug/L | U | D | 1 | | 0.505 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.474 mg/L | | D | 20 | | 0.2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA353.2 | NITRATE | 14797-55-8 | 0.381 mg/L | | D | 1 | | 0.02 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.572 mg/L | | D | 2 | | 0.02 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.424 mg/L | | D | 1 | | 0.01 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.504 mg/L | | D | 20 | | 0.2 REG | LD | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.525 mg/L | J | D | 1 | | 0.01 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA353.2 | NITRATE | 14797-55-8 | 0.38 mg/L | | D | 1 | | 0.02 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.415 mg/L | | D | 1 | | 0.01 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA300.0 | NITRATE | 14797-55-8 | 0.504 mg/L | J | D | 1 | | 0.01 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.529 mg/L | | S | 1 | | 0.1 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.63 mg/L | | S | 1 | | 0.1 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.55 mg/L | | S | 1 | | 0.05 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.37 mg/L | | S | 1 | | 0.1 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.44 mg/L | J | S | 1 | | 0.05 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.37 mg/L | | S | 1 | | 0.05 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 0.109 mg/L | | S | 1 | | 0.05 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | LD | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | LD | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | TM | FAB 3 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 4.47 pCi/L | | D | 1 | 1.64 | 4.04 REG | LD | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | TM | FAB 3 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 5.56 pCi/L | | D | 1 | 1.64 | 4.16 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | TM | FAB 3 | EPA900.0 | NONVOLATILE BETA | 12587-47-2 | 2.1 pCi/L | J | D | 1 | | 0.76 REG | REG | TRG |

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| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GP | FAB 3 | EPIA-001 | NONVOLATILE BETA | 12587-47-2 | -0.358 pCi/L | U | D | 1 | | 2.38 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GP | FAB 3 | EPA900.0 | NONVOLATILE BETA | 12587-47-2 | 2.45 pCi/L | J | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | GP | FAB 3 | EPIA-001 | NONVOLATILE BETA | 12587-47-2 | 1 pCi/L | U | D | 1 | | 1.74 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA150.1 | PH | 12408-02-5 | 7.88 pH | J | S | 1 | | 0.01 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA150.1 | PH | 12408-02-5 | 6.83 pH | J | S | 1 | | 0.1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA150.1 | PH | 12408-02-5 | 6.77 pH | J | S | 1 | | 0.01 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA150.1 | PH | 12408-02-5 | 6.73 pH | J | S | 1 | | 0.1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA420.2 | PHENOLS | 64743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA420.2 | PHENOLS | 64743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA420.2 | PHENOLS | 64743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | POTASSIUM | 7440-09-7 | 500 ug/L | U | D | 1 | | 500 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | POTASSIUM | 7440-09-7 | 777 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | POTASSIUM | 7440-09-7 | 523 ug/L | J | D | 1 | | 500 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | POTASSIUM | 7440-09-7 | 963 ug/L | | D | 1 | 18.7 | 187 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | POTASSIUM | 7440-09-7 | 638 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GP | FAB 3 | EPA900.1 | RADIUM, TOTAL ALPHA-EMITTING | 7440-14-4 | 0.2 pCi/L | U | S | 1 | | 0.5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA7740 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA7740 | SELENIUM | 7782-49-2 | 5 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA7740 | SELENIUM | 7782-49-2 | 1.16 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | SELENIUM | 7782-49-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA7740 | SELENIUM | 7782-49-2 | 1.31 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | SELENIUM | 7782-49-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | SELENIUM | 7782-49-2 | 1.72 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | SILICA | 7631-86-9 | 12000 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | SILICA | 7631-86-9 | 12000 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | SILICA | 7631-86-9 | 12800 ug/L | | D | 1 | | 100 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | SILICA | 7631-86-9 | 9720 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | SILICA | 7631-86-9 | 10100 ug/L | | D | 2.0999999 | 135 | 1350 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | SILICA | 7631-86-9 | 10300 ug/L | | D | 1 | | 167 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB3:70359 | GRWATER | GE | FAB 3 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | SILVER | 7440-22-4 | 0.65 ug/L | U | D | 1 | | 0.65 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB3:67644 | GRWATER | GE | FAB 3 | EPA6010 | SILVER | 7440-22-4 | 0.65 ug/L | U | D | 1 | | 0.65 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB3:65988 | GRWATER | GE | FAB 3 | EPA6010A | SILVER | 7440-22-4 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB3:84173 | GRWATER | GE | FAB 3 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA6010 | SODIUM | 7440-23-5 | 9640 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA200.7 | SODIUM | 7440-23-5 | 12900 ug/L | | D | 1 | | 13 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA6010 | SODIUM | 7440-23-5 | 11000 ug/L | | D | 1 | | 100 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA200.7 | SODIUM | 7440-23-5 | 10100 ug/L | | D | 1 | | 11.5 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA6010B | SODIUM | 7440-23-5 | 3150 ug/L | | D | 1 | 26.5 | 265 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 79.7 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 177 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 66.8 uS/cm | | S | 1 | | 0.3 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 69.6 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA300.0 | SULFATE | 14808-79-8 | 6.34 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA300.0 | SULFATE | 14808-79-8 | 10.7 mg/L | | D | 2 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA300.0 | SULFATE | 14808-79-8 | 8.49 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA9056 | SULFATE | 14808-79-8 | 5.82 mg/L | | D | 1 | 0.034 | 0.34 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA300.0 | SULFATE | 14808-79-8 | 7.67 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | TETRACHLOROETHYLENE (PCE) | 127-18-4 | 1 ug/L | UJ | D | 1 | 0.229 | 1 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | TETRACHLOROETHYLENE (PCE) | 127-18-4 | 1 ug/L | UJ | D | 1 | 0.229 | 1 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | EM | FAB 3 | 3Q1-6-1420 | TOTAL ACTIVITY | TOTACT | 3.995 pCi/mL | | S | 10 | | 1.5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | EM | FAB 3 | 3Q1-6-1420 | TOTAL ACTIVITY | TOTACT | -1.568 pCi/mL | U | S | 10 | | 1.5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA160.2 | TOTAL DISSOLVED SOLIDS | TDS | 44 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 38 mg/L | J | S | 1 | 5 | 50 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA160.2 | TOTAL DISSOLVED SOLIDS | TDS | 78 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 109 mg/L | J | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 43 mg/L | | S | 1 | | 5 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 0.589 mg/L | J | S | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.81 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB3:135860 | GRWATER | EX | FAB 3 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 5 mg/L | U | S | 1 | 0.551 | 5 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 0.485 mg/L | J | S | 1 | 0.1 | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.8 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1 mg/L | U | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 0.419 mg/L | J | S | 1 | | 1 REG | REG | TRG |

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| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 0.393 mg/L | J | S | 1 | | 1 REG | LD | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.005 mg/L | U | S | 1 | | 0.005 REG | LD | TRG |
| 10/20/2000 4Q00ENVSCR | FAB3:135860 | GRWATER | WA | FAB 3 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.0246 mg/L | J | S | 1 | 0.012 | 0.12 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA9020 | TOTAL ORGANIC HALOGENS | TOX | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.01 mg/L | U | S | 1 | | 0.01 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.12 mg/L | U | S | 1 | 0.012 | 0.12 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.013 mg/L | | S | 1 | | 0.005 REG | REG | TRG |
| 1/15/1996 1Q96FAB | FAB3:81573 | GRWATER | GE | FAB 3 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.0319 mg/L | | S | 1 | | 0.01 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.00996 mg/L | | S | 1 | | 0.005 REG | LD | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.12 mg/L | U | S | 1 | 0.012 | 0.12 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | WA | FAB 3 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 2010 ug/L | | S | 10 | | 50 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 69.8 ug/L | | S | 1 | 6.7 | 67 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA365.1 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 60 ug/L | J | S | 1 | | 50 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA365.3 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 70 ug/L | J | S | 1 | | 100 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | WA | FAB 3 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 50 ug/L | U | S | 1 | | 50 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GE | FAB 3 | EPA8080 | TOXAPHENE | 8001-35-2 | 1 ug/L | UJ | D | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GE | FAB 3 | EPA8080 | TOXAPHENE | 8001-35-2 | 0.242 ug/L | U | D | 1 | | 0.242 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | TRICHLOROETHYLENE (TCE) | 79-01-6 | 1 ug/L | UJ | O | 1 | 0.075 | 1 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | WA | FAB 3 | EPA8021B | TRICHLOROETHYLENE (TCE) | 79-01-6 | 1 ug/L | UJ | O | 1 | 0.075 | 1 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB3:57412 | GRWATER | GP | FAB 3 | EPA906.0 | TRITIUM | 10028-17-8 | 0.641 pCi/mL | J | D | 1 | | 0.7 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | TM | FAB 3 | EPA906.0MOD | TRITIUM | 10028-17-8 | 6.15 pCi/mL | | O | 1 | 0.6 | 1.86 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB3:65764 | GRWATER | GP | FAB 3 | EPIA-002 | TRITIUM | 10028-17-8 | 2.95 pCi/mL | | D | 1 | | 0.84 REG | REG | TRG |
| 6/16/1999 2Q99ENVSCR | FAB3:123552 | GRWATER | TM | FAB 3 | EPA906.0MOD | TRITIUM | 10028-17-8 | 5.39 pCi/mL | | D | 1 | 0.6 | 1.8 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB3:62937 | GRWATER | TM | FAB 3 | EPA906.0 | TRITIUM | 10028-17-8 | 3.2 pCi/mL | | D | 1 | | 0.5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | GP | FAB 3 | EPIA-002 | TRITIUM | 10028-17-8 | 1.74 pCi/mL | | D | 1 | | 0.599 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB3:60125 | GRWATER | GP | FAB 3 | EPIA-002 | TRITIUM | 10028-17-8 | 1.58 pCi/mL | | O | 1 | | 0.7 REG | LD | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA8021B | 1,1,1-TRICHLOROETHANE | 71-55-6 | 1 ug/L | U | D | 1 | 0.135 | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8150 | 2,4,5-T | 93-76-5 | 0.00045 ug/L | UJ | D | 1 | | 0.00045 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.002 ug/L | U | D | 5 | | 0.000455 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.025 ug/L | UJ | D | 1 | | 0.025 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8150 | 2,4,5-TP (SILVEX) | 93-72-1 | 0.025 ug/L | UJ | D | 1 | | 0.025 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.008 ug/L | U | D | 5 | | 0.002 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.05 ug/L | UJ | D | 1 | | 0.05 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8150 | 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) | 94-75-7 | 0.05 ug/L | UJ | D | 1 | | 0.05 REG | LD | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | ALUMINUM | 7429-90-5 | 1080 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | ALUMINUM | 7429-90-5 | 1060 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB4:135861 | GRWATER | EX | FAB 4 | EPA6010B | ALUMINUM | 7429-90-5 | 173 ug/L | J | D | 1 | 29.1 | 200 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | ALUMINUM | 7429-90-5 | 139 ug/L | J | D | 1 | 14.6 | 146 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | ALUMINUM | 7429-90-5 | 357 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 4/29/1997 2Q97FAB | FAB4:104161 | GRWATER | WA | FAB 4 | EPA6010 | ALUMINUM | 7429-90-5 | 182 ug/L | J | D | 1 | | 146 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | ALUMINUM | 7429-90-5 | 161 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 7/14/1998 2Q98ENVSCR | FAB4:117234 | GRWATER | ES | FAB 4 | EPA6010 | ALUMINUM | 7429-90-5 | 483 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | ALUMINUM | 7429-90-5 | 369 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA7060 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA7060 | ARSENIC | 7440-38-2 | 2.32 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA206.2 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA7060 | ARSENIC | 7440-38-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | ARSENIC | 7440-38-2 | 3.87 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | GC | FAB 4 | EPA7060 | ARSENIC | 7440-38-2 | 2 ug/L | U | D | 1 | | 1.9 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | EL | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | EL | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 10.9 MFL | U | S | 1 | | 10.9 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | EL | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 21.8 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | EL | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 10.9 MFL | U | S | 1 | | 10.9 REG | LD | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 9.07 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | SP | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 1.75 MFL | U | S | 1 | | 1.75 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | SP | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 9.074 MFL | U | S | 1 | | 9.074 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | TEM | ASBESTOS | 1332-21-4 | 0.1 MFL | U | S | 1 | | 0.1 REG | LD | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | BARIUM | 7440-39-3 | 12.6 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA6010 | BARIUM | 7440-39-3 | 29.9 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | BARIUM | 7440-39-3 | 23 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA6010A | BARIUM | 7440-39-3 | 22.6 ug/L | J | D | 1 | | 25 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | BARIUM | 7440-39-3 | 31.8 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | BARIUM | 7440-39-3 | 16.3 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | BARIUM | 7440-39-3 | 24.1 ug/L | | D | 1 | | 3 REG | REG | TRG |

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| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | BARIUM | 7440-39-3 | 21.6 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | BARIUM | 7440-39-3 | 23.3 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | BARIUM | 7440-39-3 | 18.2 ug/L | J | D | 1 | | 25 REG | LD | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | BORON | 7440-42-8 | 149 ug/L | J | D | 1 | 26.6 | 266 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | BORON | 7440-42-8 | 88.5 ug/L | | D | 1 | | 50 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | GE | FAB 4 | EPA6010 | BORON | 7440-42-8 | 79 ug/L | | D | 1 | | 30 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB4:135861 | GRWATER | EX | FAB 4 | EPA6010B | BORON | 7440-42-8 | 339 ug/L | | D | 1 | 6.3 | 100 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | BORON | 7440-42-8 | 91.2 ug/L | | D | 1 | | 50 REG | LD | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | BORON | 7440-42-8 | 77 ug/L | J | D | 1 | | 52 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | BORON | 7440-42-8 | 92.2 ug/L | | D | 1 | | 50 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | CADMIUM | 7440-43-9 | 0.193 ug/L | J | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | CADMIUM | 7440-43-9 | 0.146 ug/L | J | D | 1 | | 2 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA6010 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | CADMIUM | 7440-43-9 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA6010A | CADMIUM | 7440-43-9 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | CALCIUM | 7440-70-2 | 2030 ug/L | | D | 1 | 47.1 | 471 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | CALCIUM | 7440-70-2 | 27500 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | CALCIUM | 7440-70-2 | 1230 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | CALCIUM | 7440-70-2 | 1040 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | CALCIUM | 7440-70-2 | 1150 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA8021B | CARBON TETRACHLORIDE | 56-23-5 | 1 ug/L | U | D | 1 | 0.154 | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA325.1 | CHLORIDE | 16887-00-6 | 7.24 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA300.0 | CHLORIDE | 16887-00-6 | 4.35 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA300.0 | CHLORIDE | 16887-00-6 | 4 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA9056 | CHLORIDE | 16887-00-6 | 4.02 mg/L | | D | 1 | 0.021 | 0.21 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA300.0 | CHLORIDE | 16887-00-6 | 4.52 mg/L | | D | 1 | | 0.25 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA8021B | CHLOROFORM | 67-66-3 | 1 ug/L | U | D | 1 | 0.028 | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | CHROMIUM | 7440-47-3 | 1.35 ug/L | J | D | 1 | | 4 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA6010 | CHROMIUM | 7440-47-3 | 2.69 ug/L | J | D | 1 | | 4 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA6010A | CHROMIUM | 7440-47-3 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | CHROMIUM | 7440-47-3 | 8.3 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | CHROMIUM | 7440-47-3 | 3.35 ug/L | J | D | 1 | | 4 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | CHROMIUM | 7440-47-3 | 4.5 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | CHROMIUM | 7440-47-3 | 4 ug/L | U | D | 1 | | 4 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | CHROMIUM | 7440-47-3 | 1.32 ug/L | J | D | 1 | | 4 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA8021B | CIS-1,2-DICHLOROETHYLENE | 156-59-2 | 1 ug/L | U | D | 1 | 0.119 | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA8080 | ENDRIN | 72-20-8 | 0.00615 ug/L | U | D | 1 | | 0.0061 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8080 | ENDRIN | 72-20-8 | 0.051 ug/L | UJ | D | 1 | | 0.051 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA340.2 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.5 mg/L | U | D | 5 | | 0.5 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA340.2 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 11/14/1995 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.5 mg/L | U | D | 5 | | 0.5 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 4/19/1995 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.1 mg/L | U | D | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA300.0 | FLUORIDE | 16984-48-8 | 0.024 mg/L | J | D | 1 | | 0.1 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GP | FAB 4 | EPA-001 | GROSS ALPHA | 12587-46-1 | 0.338 pCi/L | U | D | 1 | | 1.1 REG | REG | TRG |
| 4/29/1997 2Q97FAB | FAB4:104161 | GRWATER | QR | FAB 4 | RICHRC0014 | GROSS ALPHA | 12587-46-1 | 1.2 pCi/L | | D | 1 | | 0.754 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GP | FAB 4 | EPA-001 | GROSS ALPHA | 12587-46-1 | 1.42 pCi/L | | D | 1 | | 1.38 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | GP | FAB 4 | EPA-001 | GROSS ALPHA | 12587-46-1 | 12.2 pCi/L | | D | 1 | | 2.27 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GP | FAB 4 | EPA900.0 | GROSS ALPHA | 12587-46-1 | 1.73 pCi/L | J | D | 1 | | 1.5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | TM | FAB 4 | EPA900.0 | GROSS ALPHA | 12587-46-1 | 5.7 pCi/L | | D | 1 | | 1.1 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | IRON | 7439-89-6 | 766 ug/L | | D | 1 | | 18 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | IRON | 7439-89-6 | 2220 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | IRON | 7439-89-6 | 3870 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | IRON | 7439-89-6 | 144 ug/L | | D | 1 | | 18 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB4:135861 | GRWATER | EX | FAB 4 | EPA6010B | IRON | 7439-89-6 | 112 ug/L | J | D | 1 | 3.4 | 200 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | IRON | 7439-89-6 | 330 ug/L | | D | 1 | 7.4 | 74 REG | REG | TRG |
| 7/14/1998 2Q98ENVSCR | FAB4:117234 | GRWATER | ES | FAB 4 | EPA6010 | IRON | 7439-89-6 | 687 ug/L | J | D | 1 | | 20 REG | REG | TRG |
| 4/29/1997 2Q97FAB | FAB4:104161 | GRWATER | WA | FAB 4 | EPA6010 | IRON | 7439-89-6 | 626 ug/L | | D | 1 | | 74 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | IRON | 7439-89-6 | 165 ug/L | | D | 1 | | 4 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA7421 | LEAD | 7439-92-1 | 8.43 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 7/11/1995 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA7421 | LEAD | 7439-92-1 | 5.86 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |

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| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | LEAD | 7439-92-1 | 2.34 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA239.2 | LEAD | 7439-92-1 | 5.9 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | LEAD | 7439-92-1 | 100 ug/L | U | D | 1 | | 100 REG | LD | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA7421 | LEAD | 7439-92-1 | 3.89 ug/L | J | D | 1 | | 3 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | LEAD | 7439-92-1 | 2.69 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | LEAD | 7439-92-1 | 9.49 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA7421 | LEAD | 7439-92-1 | 6.83 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA239.2 | LEAD | 7439-92-1 | 15 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA8080 | LINDANE | 58-89-9 | 0.00513 ug/L | U | D | 1 | | 0.0051 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8080 | LINDANE | 58-89-9 | 0.026 ug/L | UJ | D | 1 | | 0.026 REG | REG | TRG |
| 7/14/1998 | 2Q98ENVSCR | FAB4:117234 | GRWATER | ES | FAB 4 | EPA6010 | LITHIUM | 7439-93-2 | 6.4 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | LITHIUM | 7439-93-2 | 79 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | LITHIUM | 7439-93-2 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | LITHIUM | 7439-93-2 | 203 ug/L | | D | 1 | | 5 REG | REG | TRG |
| 10/20/2000 | 4Q00ENVSCR | FAB4:135861 | GRWATER | EX | FAB 4 | EPA7430 | LITHIUM | 7439-93-2 | 1.57 ug/L | J | D | 1 | 0.478 | 2 REG | REG | TRG |
| 4/29/1997 | 2Q97FAB | FAB4:104161 | GRWATER | WA | FAB 4 | EPA6010 | LITHIUM | 7439-93-2 | 10.6 ug/L | | D | 1 | | 2.7 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | LITHIUM | 7439-93-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | MAGNESIUM | 7439-95-4 | 447 ug/L | | D | 1 | 7.4 | 74 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | MAGNESIUM | 7439-95-4 | 264 ug/L | | D | 1 | | 7.5 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | MAGNESIUM | 7439-95-4 | 224 ug/L | | D | 1 | | 5.9 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | MAGNESIUM | 7439-95-4 | 143 ug/L | | D | 1 | | 20 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | MAGNESIUM | 7439-95-4 | 543 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 4/29/1997 | 2Q97FAB | FAB4:104161 | GRWATER | WA | FAB 4 | EPA6010 | MANGANESE | 7439-96-5 | 85.2 ug/L | | D | 1 | | 7.8 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | MANGANESE | 7439-96-5 | 91.3 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 7/14/1998 | 2Q98ENVSCR | FAB4:117234 | GRWATER | ES | FAB 4 | EPA6010 | MANGANESE | 7439-96-5 | 63.5 ug/L | | D | 1 | | 3 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | MANGANESE | 7439-96-5 | 33.8 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | MANGANESE | 7439-96-5 | 70.1 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 10/20/2000 | 4Q00ENVSCR | FAB4:135861 | GRWATER | EX | FAB 4 | EPA6010B | MANGANESE | 7439-96-5 | 69.1 ug/L | | D | 1 | 0.5 | 10 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | MANGANESE | 7439-96-5 | 31.7 ug/L | | D | 1 | | 10 REG | LD | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | MANGANESE | 7439-96-5 | 31.3 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | MANGANESE | 7439-96-5 | 40.6 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | MANGANESE | 7439-96-5 | 89.2 ug/L | | D | 1 | 0.78 | 7.8 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA245.1 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.219 ug/L | J | D | 1 | | 0.2 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.109 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA245.1 | MERCURY | 7439-97-6 | 0.2 ug/L | UJ | D | 1 | | 0.2 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.208 ug/L | | D | 1 | | 0.2 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.2 ug/L | U | D | 1 | | 0.2 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.091 ug/L | J | D | 1 | | 0.2 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA7470 | MERCURY | 7439-97-6 | 0.116 ug/L | J | D | 1 | | 0.2 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8080 | METHOXYCHLOR | 72-43-5 | 0.51 ug/L | UJ | D | 1 | | 0.51 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA8080 | METHOXYCHLOR | 72-43-5 | 0.513 ug/L | U | D | 1 | | 0.513 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | NICKEL | 7440-02-0 | 17.3 ug/L | UJ | D | 1 | | 25 REG | LD | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA353.2 | NITRATE | 14797-55-8 | 1.51 mg/L | | D | 5 | | 0.02 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA353.2 | NITRATE | 14797-55-8 | 1.18 mg/L | | D | 5 | | 0.02 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 2.33 mg/L | J | D | 1 | | 0.01 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 3.88 mg/L | | D | 20 | | 0.2 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 3.77 mg/L | | D | 20 | | 0.2 REG | LD | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 1.58 mg/L | J | D | 1 | | 0.01 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 2.29 mg/L | | D | 10 | | 0.1 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 1.66 mg/L | | D | 25 | | 0.25 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA300.0 | NITRATE | 14797-55-8 | 1.89 mg/L | | D | 1 | | 0.01 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 2.12 mg/L | | S | 2 | | 0.1 REG | LD | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 1.66 mg/L | | S | 1 | | 0.05 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 1.53 mg/L | | S | 2 | | 0.05 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 1.55 mg/L | | S | 2 | | 0.05 REG | LD | TRG |
| 7/11/1995 | 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 2.6 mg/L | | S | 2 | | 0.2 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 2.08 mg/L | | S | 2 | | 0.1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 1.83 mg/L | | S | 1 | | 0.1 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 3.64 mg/L | J | S | 2 | | 0.1 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 3.7 mg/L | J | S | 2 | | 0.1 REG | LD | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 1.98 mg/L | | S | 1 | | 0.1 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA353.1 | NITRATE-NITRITE AS NITROGEN | NO3NO2 | 1.68 mg/L | | S | 1 | | 0.05 REG | LD | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | REG | TRG |

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| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | U | D | 1 | | 0.005 REG | LD | TRG |
| 7/11/1995 | 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA300.0 | NITRITES | 14797-65-0 | 0.005 mg/L | UJ | D | 1 | | 0.005 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | GP | FAB 4 | EPIA-001 | NONVOLATILE BETA | 12587-47-2 | 7.31 pCi/L | | D | 1 | | 3.05 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GP | FAB 4 | EPIA-001 | NONVOLATILE BETA | 12587-47-2 | 4.24 pCi/L | U | D | 1 | | 1.39 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GP | FAB 4 | EPA900.0 | NONVOLATILE BETA | 12587-47-2 | 1.87 pCi/L | J | D | 1 | | 2 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | TM | FAB 4 | EPA900.0MOD | NONVOLATILE BETA | 12587-47-2 | 1.66 pCi/L | U | D | 1 | 1.88 | 4.2 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | TM | FAB 4 | EPA900.0 | NONVOLATILE BETA | 12587-47-2 | 6.1 pCi/L | | D | 1 | | 0.84 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA150.1 | PH | 12408-02-5 | 7.7 pH | J | S | 1 | | 0.01 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA150.1 | PH | 12408-02-5 | 6.64 pH | J | S | 1 | | 0.1 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA150.1 | PH | 12408-02-5 | 7.67 pH | J | S | 1 | | 0.01 REG | LD | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA150.1 | PH | 12408-02-5 | 6.59 pH | J | S | 1 | | 0 REG | LD | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA150.1 | PH | 12408-02-5 | 6.62 pH | J | S | 1 | | 0.1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA150.1 | PH | 12408-02-5 | 6.89 pH | J | S | 1 | | 0.01 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA150.1 | PH | 12408-02-5 | 6.86 pH | J | S | 1 | | 0.01 REG | LD | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA420.2 | PHENOLS | 64743-03-9 | 0.0142 mg/L | | S | 1 | | 0.005 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA420.2 | PHENOLS | 64743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA420.2 | PHENOLS | 64743-03-9 | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | POTASSIUM | 7440-09-7 | 500 ug/L | U | D | 1 | | 500 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | POTASSIUM | 7440-09-7 | 6910 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | POTASSIUM | 7440-09-7 | 1260 ug/L | | D | 1 | 18.7 | 187 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | POTASSIUM | 7440-09-7 | 500 ug/L | U | D | 1 | | 500 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | POTASSIUM | 7440-09-7 | 14700 ug/L | | D | 1 | | 500 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GP | FAB 4 | EPA900.1 | RADIUM, TOTAL ALPHA-EMITTING | 7440-14-4 | 1 pCi/L | | S | 1 | | 0.5 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | SELENIUM | 7782-49-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | SELENIUM | 7782-49-2 | 2.96 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA7740 | SELENIUM | 7782-49-2 | 5 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA7740 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | SELENIUM | 7782-49-2 | 5 ug/L | U | D | 1 | | 5 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA270.2 | SELENIUM | 7782-49-2 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA7740 | SELENIUM | 7782-49-2 | 1.02 ug/L | J | D | 1 | | 5 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA7740 | SELENIUM | 7782-49-2 | 5 ug/L | UJ | D | 1 | | 5 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | SILICA | 7631-86-9 | 8150 ug/L | | D | 2.0999999 | 135 | 1350 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | SILICA | 7631-86-9 | 11100 ug/L | | D | 1 | | 167 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | SILICA | 7631-86-9 | 13900 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | SILICA | 7631-86-9 | 13900 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | SILICA | 7631-86-9 | 12600 ug/L | | D | 1 | | 100 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | SILICA | 7631-86-9 | 15800 ug/L | | D | 2.0999999 | | 100 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | SILVER | 7440-22-4 | 25 ug/L | U | D | 1 | | 25 REG | LD | TRG |
| 5/15/1996 | 2Q96FAB | FAB4:84174 | GRWATER | GE | FAB 4 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | SILVER | 7440-22-4 | 0.65 ug/L | U | D | 1 | | 0.65 REG | REG | TRG |
| 11/14/1995 | 4Q95FAB | FAB4:70360 | GRWATER | GE | FAB 4 | EPA6010A | SILVER | 7440-22-4 | 2.58 ug/L | | D | 1 | | 2 REG | REG | TRG |
| 1/2/1996 | 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA6010A | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | SILVER | 7440-22-4 | 2 ug/L | U | D | 1 | | 2 REG | REG | TRG |
| 4/19/1995 | 2Q95FAB | FAB4:67645 | GRWATER | GE | FAB 4 | EPA6010 | SILVER | 7440-22-4 | 0.65 ug/L | U | D | 1 | | 0.65 REG | REG | TRG |
| 7/11/1995 | 3Q95FAB | FAB4:65989 | GRWATER | GE | FAB 4 | EPA6010A | SILVER | 7440-22-4 | 25 ug/L | U | D | 1 | | 25 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA6010 | SODIUM | 7440-23-5 | 48900 ug/L | | D | 2 | | 200 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA200.7 | SODIUM | 7440-23-5 | 31300 ug/L | | D | 1 | | 11.5 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA6010 | SODIUM | 7440-23-5 | 32200 ug/L | | D | 1 | | 10 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA200.7 | SODIUM | 7440-23-5 | 45300 ug/L | | D | 1 | | 13 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA6010B | SODIUM | 7440-23-5 | 7130 ug/L | | D | 1 | 28.5 | 285 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 192 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 210 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 26.1 uS/cm | | S | 1 | | 0.3 REG | LD | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 288 uS/cm | | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA120.1 | SPECIFIC CONDUCTANCE | COND | 26.3 uS/cm | | S | 1 | | 0.3 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA9056 | SULFATE | 14808-79-8 | 10.7 mg/L | | D | 1 | 0.034 | 0.34 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA300.0 | SULFATE | 14808-79-8 | 21.3 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA300.0 | SULFATE | 14808-79-8 | 16.1 mg/L | | D | 1 | | 1 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA300.0 | SULFATE | 14808-79-8 | 23 mg/L | | D | 10 | | 1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA300.0 | SULFATE | 14808-79-8 | 29.4 mg/L | | D | 4 | | 1 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA8021B | TETRACHLOROETHYLENE (PCE) | 127-18-4 | 1 ug/L | U | D | 1 | 0.229 | 1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | EM | FAB 4 | 3Q1-6-1420 | TOTAL ACTIVITY | TOTACT | -0.887 pCi/mL | U | S | 10 | | 1.5 REG | REG | TRG |
| 6/7/1994 | 2Q94FAB | FAB4:57411 | GRWATER | EM | FAB 4 | 3Q1-6-1420 | TOTAL ACTIVITY | TOTACT | 4.601 pCi/mL | | S | 10 | | 1.5 REG | REG | TRG |
| 3/3/1995 | 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 170 mg/L | | S | 1 | | 5 REG | REG | TRG |
| 12/16/1994 | 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA160.2 | TOTAL DISSOLVED SOLIDS | TDS | 170 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 9/14/1994 | 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA160.2 | TOTAL DISSOLVED SOLIDS | TDS | 166 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 6/11/1999 | 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 77 mg/L | | S | 1 | 5 | 50 REG | LD | TRG |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 209 mg/L | | S | 1 | | 1 REG | LD | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 76 mg/L | | S | 1 | 5 | 50 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA160.1 | TOTAL DISSOLVED SOLIDS | TDS | 207 mg/L | J | S | 1 | | 1 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 2.09 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1 mg/L | U | S | 1 | | 1 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1.26 mg/L | U | S | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 2.36 mg/L | | S | 1 | | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 2.52 mg/L | | S | 1 | | 1 REG | LD | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 0.352 mg/L | J | S | 1 | 0.1 | 1 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA415.1 | TOTAL ORGANIC CARBON | 7440-44-0 | 1 mg/L | U | S | 1 | | 1 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB4:135861 | GRWATER | EX | FAB 4 | EPA9060 | TOTAL ORGANIC CARBON | 7440-44-0 | 5 mg/L | U | S | 1 | 0.551 | 5 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 1/2/1996 1Q96FAB | FAB4:81316 | GRWATER | GE | FAB 4 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.0144 mg/L | | S | 1 | | 0.01 REG | REG | TRG |
| 10/20/2000 4Q00ENVSCR | FAB4:135861 | GRWATER | WA | FAB 4 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.0165 mg/L | J | S | 1 | 0.012 | 0.12 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA9020B | TOTAL ORGANIC HALOGENS | TOX | 0.12 mg/L | U | S | 1 | 0.012 | 0.12 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.01 mg/L | U | S | 1 | | 0.01 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA9020A | TOTAL ORGANIC HALOGENS | TOX | 0.0101 mg/L | | S | 1 | | 0.005 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA9020 | TOTAL ORGANIC HALOGENS | TOX | 0.005 mg/L | U | S | 1 | | 0.005 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA365.3 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 170 ug/L | | S | 1 | | 100 REG | LD | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA365.3 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 170 ug/L | | S | 1 | | 100 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | WA | FAB 4 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 71 ug/L | | S | 1 | | 50 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA365.1 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 50 ug/L | U | S | 1 | | 50 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | WA | FAB 4 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 436 ug/L | | S | 1 | | 50 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA365.2 | TOTAL PHOSPHATES (AS P) | 7723-14-0 | 22.5 ug/L | J | S | 1 | 6.7 | 67 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GE | FAB 4 | EPA8080 | TOXAPHENE | 8001-35-2 | 0.246 ug/L | U | D | 1 | | 0.246 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GE | FAB 4 | EPA8080 | TOXAPHENE | 8001-35-2 | 1.02 ug/L | UJ | D | 1 | | 1.02 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | WA | FAB 4 | EPA8021B | TRICHLOROETHYLENE (TCE) | 79-01-6 | 1 ug/L | U | D | 1 | 0.075 | 1 REG | REG | TRG |
| 6/7/1994 2Q94FAB | FAB4:57411 | GRWATER | GP | FAB 4 | EPA906.0 | TRITIUM | 10028-17-8 | 4.97 pCi/mL | | D | 1 | | 0.7 REG | REG | TRG |
| 9/14/1994 3Q94FAB | FAB4:60124 | GRWATER | GP | FAB 4 | EPA-002 | TRITIUM | 10028-17-8 | 4.3 pCi/mL | | D | 1 | | 0.695 REG | REG | TRG |
| 6/11/1999 2Q99ENVSCR | FAB4:123593 | GRWATER | TM | FAB 4 | EPA906.0MOD | TRITIUM | 10028-17-8 | 3.99 pCi/mL | | D | 1 | 0.57 | 1.65 REG | REG | TRG |
| 12/16/1994 4Q94FAB | FAB4:62938 | GRWATER | TM | FAB 4 | EPA906.0 | TRITIUM | 10028-17-8 | 4.3 pCi/mL | | D | 1 | | 0.49 REG | REG | TRG |
| 3/3/1995 1Q95FAB | FAB4:65763 | GRWATER | GP | FAB 4 | EPA-002 | TRITIUM | 10028-17-8 | 4.81 pCi/mL | | D | 1 | | 0.65 REG | REG | TRG |

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
## 1/19/2010

Susan Ridgeway 1/19/10

**Notes:**

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. This serves as an information repository for ECA usage, rather than a "definite" assigned waste code. This is because the ECA assigns codes according to levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

**Operable Unit Name:**

M Area Operable Unit

**Watershed:**

Upper Three Runs

**Project ECA:**

Susan Ridgeway

**Waste Codes for Soil:**

F001

**Listed Constituents and RCRA Codes:**

F001: TCE, PCE, and 1,1,1-TCA

**Listing Basis:**

The MAOU consists of the following areas: Production Area and Process Sewer Lines (313-M, 321-M, 320-M, 322-M, 340-M, & 324-M), Liquid Effluent Treatment Facilities (341-M, 341-1M, & 341-8M), Test Reactor Facilities (305-A & 777-10A), Salvage Yard (740-A, 741-A, & 743-A), Warehouses, Miscellaneous Buildings, and Electrical Transformers. SDD removed the buildings prior to them being transferred to the MAOU. The production area activities included the use of solvents (PCE, TCE, and TCA) as degreaser agents at various times during the cleaning operation. Nitric acid and sodium hydroxide were also used in the cleaning operation. Other constituents associated with the MAOU include radionuclides, arsenic, PCBs, and PAHs. Groundwater in M Area is addressed under the RCRA Program

**Listing Documentation:**

1992 RCRA Part B Permit Renewal Application, Volume III (WSRC-IM-91-53, latest revision). RFI/RI Work Plan, RFI/RI Report with BRA, and CMS/FS for the M Area Operable Unit (WSRC-RP-2006-4060, Rev. 0, November 2006)

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
# 1/19/2010

Susan Ridgeway 1/19/10

## Notes:

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

## Operable Unit Name:

M Area Inactive Process Sewer Lines (MIPSL)

## Watershed:

Upper Three Runs

## Project ECA:

Susan Ridgeway

## Waste Codes for Soil:

F001

## Listed Constituents and RCRA Codes:

F001: TCE, PCE, and 1,1,1-TCA

## Listing Basis:

The MIPSL discharged waste into the M Area Seepage Basin. The M Area effluent wastes included chlorinated solvents used for degreasing target assemblies.

## Listing Documentation:

1992 RCRA Part B Permit Renewal Application, Volume III (WSRC-IM-91-53, latest revision).
RFI/RI Work Plan, RFI/RI Report with BRA, and CMS/FS (WSRC-RP-2004-4214, Rev. 1, Dec. 2005)

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
## 1/19/2010

Leslie Wells
1/19/2010

**Notes:**

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

**Operable Unit Name:**

Mixed Waste Management Facility/LLRWDF

**Watershed:**

Upper Three Runs

**Project ECA:**

Leslie Wells

**Waste Codes for Soil:**

F001. Unit is capped to prevent disturbance. There is no forseeable reason to intrude.

**Listed Constituents and RCRA Codes:**

F001: TCE and PCE

**Listing Basis:**

The Mixed Waste Management Facility and LLRWDF received solvents used as degreasers.

**Listing Documentation:**

2000 RCRA Part B Permit Renewal Application, Volume VII. MWMF Closure Plan (LLRWDF), Volume II, Revision 4.

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
# 1/19/2010

1/19/2010

## Notes:

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. IROD document for the CMP Pits contains health based limits).

## Operable Unit Name:

Chemicals, Metals, and Pesticides (CMP) Pits

## Watershed:

Pen Branch

## Project ECA:

Karen Morrow

## Waste Codes for Soil:

Evaluated on a case by case basis, see ECA for review.

## Listed Constituents and RCRA Codes:

Soil: Evaluated on a case by case basis, see ECA for review.

## Listing Basis:

Current sampling and analysis data and listing documentation.

## Listing Documentation:

IROD (WSRC-RP-2000-4158, Rev. 1.2, November 2001); CMI/RAIP (WSRC-RP-2005-4068, Rev. 1, February 2006); Waste Management Plan (WSRC-RP-2006-4006, Rev. 1, September 2006)

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
## 1/19/2010

1/19/10

**Notes:**

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

**Operable Unit Name:**

M Area HWMF Vadose Zone (including A-14 Outfall)

**Watershed:**

Upper Three Runs

**Project ECA:**

Roger Szelmeczka

**Waste Codes for Soil:**

F001 possible. See notes.

**Listed Constituents and RCRA Codes:**

F001: TCE and PCE. Only listed if these are found. In addition, if work is performed in the 321-M Solvent Storage Tank Area, the waste codes U210 and U228 apply if TCE and PCE is present.

**Listing Basis:**

It is known that pure product was discharged in that area.

**Listing Documentation:**

1992 RCRA Part B Permit Renewal Application, Volume III (WSRC-IM-91-53, latest revision).

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
## 1/19/2010

1/19/10

**Notes:**

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

**Operable Unit Name:**

Met Lab Basin/Carolina Bay 904-110G

**Watershed:**

Upper Three Runs

**Project ECA:**

Roger Szelmeczka

**Waste Codes for Soil:**

F001, F003, and F007 are buried under the cap. They would only be present if exposed waste were removed and disposed.

**Listed Constituents and RCRA Codes:**

F001, F003, and F007 only if they are exposed. They are buried below the cap. Cyanide does not show up in the groundwater.

**Listing Basis:**

This unit has been identified as receiving hazardous waste. This waste included spent halogenated solvents TCE, 1,1,1-TCA, and CCL used in degreasing, spent acetone, and spent cyanide plating bath solution. Contaminated material was placed in the basin and covered with a cap. The unit was certified closed in 1992.

**Listing Documentation:**

1992 RCRA Part B Permit Renewal Application, Volume XiV (WSRC-IM-91-53, latest revision).

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
## 1/19/2010

1/19/10

**Notes:**

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

**Operable Unit Name:**

M Area Hazardous Waste Management Facility

**Watershed:**

Upper Three Runs

**Project ECA:**

Roger Szelmeczka

**Waste Codes for Soil:**

F001 is buried under the cap. This would only be present if exposed waste were removed and disposed.

**Listed Constituents and RCRA Codes:**

F001, F002.

**Listing Basis:**

This unit has been identified as receiving hazardous waste. This waste included spent halogenated solvents TCE, 1,1,1-TCA, and CCL used in degreasing. Contaminated material (including the M Area sewer line) was placed in the basin and covered with a cap. The unit was certified closed in 1991. Not all wells are listed (see ERDMS).

**Listing Documentation:**

1992 RCRA Part B Permit Renewal Application, Volume III (WSRC-IM-91-53, latest revision).

# SGCP OPERABLE UNITS CONTAINING RCRA LISTED WASTE
## 1/19/2010

1/19/10

**Notes:**

This database only refers to the RCRA waste codes for the soil. See AWSA for the RCRA listed waste codes for the wells. In practical use, this serves more as an information repository than a "definite" assigned code to waste. This is because these waste codes may or may not be assigned to any samples or disposal material, due to the "exit" levels established in the IDW Plan or in a FFA document (e.g. CMP made their own exit levels in an Interim ROD).

**Operable Unit Name:**

Sanitary Landfill (main section and southern expansion)

**Watershed:**

Upper Three Runs

**Project ECA:**

Roger Szelmeczka

**Waste Codes for Soil:**

F001, F002, F003, and F005 is buried under the cap. This would only be present if exposed waste were removed and disposed.

**Listed Constituents and RCRA Codes:**

F001, F002, F003, F005.

**Listing Basis:**

This unit has been identified as receiving hazardous waste, including suspect solvent rags and wipes.

**Listing Documentation:**

Settlement Agreement 91-51SW (effective August 26, 1991). Sanitary Landfill Closure Plan (Q-CLP-G-00002), Rev. 6, May 1997. 2000 RCRA Part B Permit Renewal Application, Volume XXIII (WSRC-IM-98-30, latest revision).

**Joseph Burch**[redacted]
01/19/2010 08:32 AM

To Randall Weigel[redacted]
cc Shelia Mcfalls[redacted]
bcc
Subject Re: Fw: RCRA Listed Waste Units

I am not aware of any changes associated with the Reactor Area Operable Units.

Joe

---

Joseph Burch
Savannah River Nuclear Solutions, LLC
Regulatory Integration & Environmental Services
Area Completion Projects
[redacted]

Randall Weigel[redacted]

**Randall Weigel**[redacted]
01/19/2010 08:26 AM

To Susan Ridgeway[redacted] Leslie Wells[redacted], Roger Szelmeczka[redacted] Karen Morrow[redacted], Joseph Burch/SRNS[redacted], Shelia Mcfalls[redacted]
cc Gordon Hayford[redacted]
Subject Fw: RCRA Listed Waste Units

So far I've only received one from Karen. I need the other seven units ASAP in order to get this report done by the due date.

Randy
[redacted]

—— Forwarded by Randall Weigel[redacted] on 01/19/2010 08:24 AM ——

**Randall Weigel**[redacted]
01/05/2010 03:12 PM

To Susan Ridgeway[redacted], Leslie Wells[redacted], Roger Szelmeczka[redacted], Karen Morrow[redacted], Joseph Burch[redacted], Shelia Mcfalls[redacted]
cc
Subject RCRA Listed Waste Units

Times flying by when we're having fun and I do have to get this 2009 report done soon !

This is the same file that I sent out to you on 12/3. I'd like to have your mark ups by Friday 14.

What I'll do is re-date the header, incorporate your changes, and have you initial and date it.

SGCP LISTED UNITS.fp7

Randy
[redacted]

Randall Weigel [redacted]
12/03/2009 07:55 AM

To Susan Ridgeway [redacted], Leslie Wells [redacted], Roger Szelmeczka [redacted], Karen Morrow [redacted], Joseph Burch [redacted]
cc Shelia Mcfalls [redacted], Gordon Hayford [redacted] Martin [redacted] Annette Ferrari [redacted], Darren Gillis/ [redacted] Lori Quiller [redacted]
bcc
Subject Annual Report due by January 1

There is a requirement in procedure ER-AP-183 to generate a report by January 1. In order for me to meet that deadline I will need the following from you by COB Thursday, December 17:

- Any new, or changed, RCRA/CERCLA determinations for the calendar year 2009 for ACP wells, sample station ID's, Waste Units, or Site Evaluation Areas. I'll use what you have already included in the NCR list and the Non-NCR list that has been given to Shelia Mcfalls as the vast majority of information needed, since it includes your initialed Attachment 1's of the procedure. Please provide any others that you may have on a completed Attachment 1 (e.g. review any IDW strategies that you have made in the past in comparison with any Attachment 1's that have been completed).
- Please review and make any revisions to the attached Waste Unit List (e.g. ECA changes, etc.)

SGCP LISTED UNITS.fp7

Please call me if you have any questions.

P. S. Please inform me of others that may be required to complete RCRA/CERCLA determinations that I do not have on this list.

Thanks!

Randy
[redacted]

Attachment 5
page 1 of 1