



## Department of Energy

Ohio Field Office  
Fernald Area Office

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4455

AUG 08 2002

Knollman Farm, Inc.  
Attn: Mr. Knollman  
7218 Willey Road  
Hamilton, Ohio 45013

DOE-0629-02

Dear Mr. Knollman:

### GROUNDWATER MONITORING WELL RESULTS FOR 2001

As you are aware, the U.S. Department of Energy (DOE) has installed 20 groundwater monitoring wells on your property in addition to the four Knollman Farm wells that were already located on your property. DOE samples these wells to track the progress of the site's groundwater restoration. Figure 1 shows the location of these wells.

This letter presents the results of the samples collected in 2001 for 13 of the 24 wells on your property. The 13 wells sampled were 13, 14, 2060 (12), 2093, 2095, 21063, 2550, 3093, 3095, 3550, 3880, 6880, and 6881. There is no analytical data for the following wells:

- Monitoring Wells 2092, 3092, and 4091 (last sampled in 1993)
- Monitoring Wells 2091, 3091, and 4015 (last sampled in 1996, 1997, and 1995, respectively)
- Monitoring Well 2880 (dry in 2001)
- Monitoring Wells 2881, 3881, 32308, and 32309 (removed from the sampling program at the end of 2000).

We appreciate your participation in this important program and the water quality results will continue to be reported to you. Also, the water quality monitoring results can be found in annual site environmental reports (issued in June of each year), which are available at the Fernald Environmental Management Project (FEMP) Public Environmental Information Center.

#### Methodology

FEMP personnel have sampled these monitoring wells per the U.S. Environmental Protection Agency (EPA) and Ohio Environmental Protection Agency requirements. Data from samples collected from the monitoring wells are used to determine the quality of the groundwater in the area surrounding the FEMP.

#### Results and Discussion

Total uranium is considered the primary constituent of concern at the FEMP. Table 1 summarizes the monitoring results from the 13 wells for total uranium and compares them to the total uranium

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groundwater Final Remediation Level (FRL). An Explanation of Significant Differences (ESD) pertaining to the site groundwater remedy was approved by EPA on November 30, 2001. The ESD amended the Operable Unit 5 Record of Decision by adopting the Safe Drinking Water Act Maximum Contaminant Level for uranium (30 micrograms per liter [ $\mu\text{g/L}$ ]) as both the FRL for groundwater restoration and the uranium effluent discharge limit to the Great Miami River. Since the new FRL was in effect at the end of 2001, it was used as the basis of comparison for the entire year. The 2001 total uranium results from Wells 13, 2060 (12), 2095, 2550, 3095, 6880 and 6881 have exceeded the FRL. It is expected that FRL exceedances may continue to occur until final remediation of the groundwater is attained.

Attachment A is a Fact Sheet that provides explanations of the terms used in this transmittal. When reviewing the monitoring results for each sampling period, please keep in mind that FEMP personnel sample monitoring wells for specific projects. As the FEMP continues its groundwater remediation efforts, the requirements for each project change; therefore, constituents analyzed by the laboratory may also change. Consequently, the constituents analyzed may vary from one sampling event to the next depending on what data are needed in order to fulfill reporting requirements.

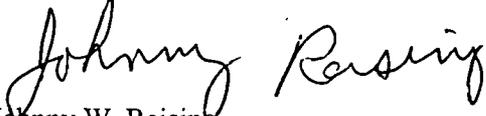
The wells on your property were sampled for a range of constituents. The FEMP has conducted independent analyses for these constituents to investigate the possible presence of these constituents at elevated concentrations in groundwater attributable to historical FEMP processing operations. The FEMP has committed to remediate the groundwater in the affected portion of the Great Miami Aquifer and is currently engaged in active groundwater restoration. The aquifer is being cleaned up to concentrations known as FRLs, which are defined in the Record of Decision for Remedial Actions at Operable Unit 5. Attachment A contains more information on FRLs.

Attachment B presents the monitoring results from these wells and the associated FEMP groundwater FRLs. Those instances where the FRL was exceeded are shown in Attachment B using **bold** typeface. Also, if there was more than one sample result per day (e.g., a duplicate sample), then only the maximum sample concentration is reported and compared to its FRL so as to provide you with the most conservative result.

Additional information concerning the FEMP restoration plan and documents referred to above are available at the FEMP Public Environmental Information Center located in the Delta Building at 10995 Hamilton-Cleves Highway, Harrison, OH; phone: (513) 648-7480.

DOE is committed to making the environmental restoration of the FEMP effective and successful. Your cooperation in this effort is greatly appreciated. If you have any questions regarding your monitoring results, then please contact Kathleen Nickel at (513) 648-3166.

Sincerely,



Johnny W. Reising  
Associate Director  
Environmental Management

Mr. Knollman

DOE-0629-02

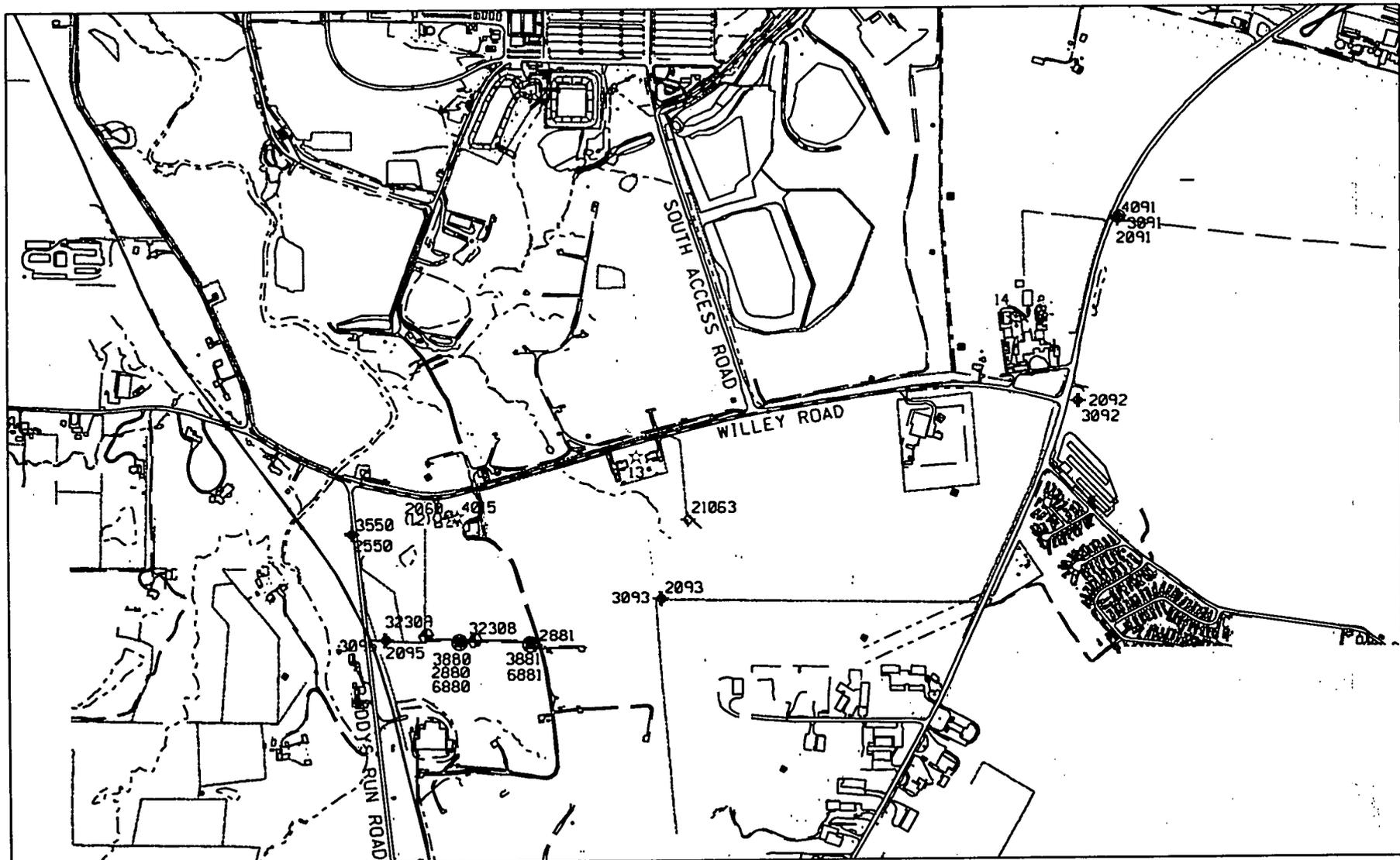
Attachments: As stated

cc w/enclosure:

R. J. Janke, OH/FEMP  
K. Nickel, OH/FEMP  
T. Schneider, OEPA-Dayton (three copies of enclosure)  
G. Jablonowski, USEPA-V, SRF-5J  
F. Bell, ATSDR  
M. C. Wojciechowski, Tetra Tech  
M. Shupe, HSI GeoTrans  
R. Vandegrift, ODH  
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

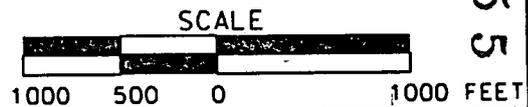
R. Greenberg, EM-31/CLOV  
N. Hallein, EM-31/CLOV  
A. Tanner, OH/FEMP  
D. Brettschneider, Fluor Fernald, Inc./MS52-5  
D. Carr, Fluor Fernald, Inc./MS2  
M. Frank, Fluor Fernald, Inc./MS90  
T. Hagen, Fluor Fernald, Inc./MS9  
W. Hertel, Fluor Fernald, Inc./MS52-5  
M. Jewett, Fluor Fernald, Inc./MS52-5  
T. Poff, Fluor Fernald, Inc./T23/4  
ECDC, Fluor Fernald, Inc./MS52-7



LEGEND:

- FEMP BOUNDARY
- ◆ TYPE 2 MONITORING WELL
- + TYPE 3 MONITORING WELL
- TYPE 6 MONITORING WELL
- ☆ PRIVATE MONITORING WELL

◆ EXTRACTION WELL



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FIGURE 1. WELL LOCATIONS ON KNOLLMAN FARM, INC.

TABLE 1

## 2001 MONITORING WELL SUMMARY RESULTS FOR TOTAL URANIUM

| Monitoring Well | FRL     | Ranges for this Well   |
|-----------------|---------|------------------------|
| 13              | 30 µg/L | 20.6 to 44.253 µg/L    |
| 14              | 30 µg/L | 1.951 to 2.11 µg/L     |
| 2060 (12)       | 30 µg/L | 86.22 to 122.969 µg/L  |
| 2093            | 30 µg/L | 1.297 to 2.253 µg/L    |
| 2095            | 30 µg/L | 88.54 to 120 µg/L      |
| 21063           | 30 µg/L | 0.772 to 1.085 µg/L    |
| 2550            | 30 µg/L | 56.157 to 58.232 µg/L  |
| 3093            | 30 µg/L | 0.262 to 0.408 µg/L    |
| 3095            | 30 µg/L | 27.361 to 37.545 µg/L  |
| 3550            | 30 µg/L | 2.286 to 3.765 µg/L    |
| 3880            | 30 µg/L | 0.305 to 0.307 µg/L    |
| 6880            | 30 µg/L | 85.465 to 121.679 µg/L |
| 6881            | 30 µg/L | 24.051 to 33.884 µg/L  |

## ATTACHMENT A

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### FACT SHEET

This attachment provides explanations for the terms used in this information packet. Please refer to the cover letter for additional information.

#### Monitoring Results

The monitoring well results report the name of the constituent analyzed, the concentration measured, and the unit of concentration. Some FEMP projects require a determination of the dissolved (filtered) constituent concentration, as well as the total (unfiltered) concentration. Filtering a groundwater sample results in the removal of suspended soil particles that are greater than 0.45 micrometers in diameter. This diameter is approximately equivalent to 1/200 of the thickness of this page.

#### Units

The monitoring well results are reported in standard concentration or radioactivity units. These are:

- $\mu\text{g/L}$  (micrograms per liter) A unit of measure of the concentration of a substance. This unit is approximately equivalent to parts per billion (ppb). As an illustration, 1  $\mu\text{g/L}$  (ppb) is roughly one drop of gasoline in a railroad box car full of water.
- $\text{mg/L}$  (milligrams per liter) A unit of measure of the concentration of a substance. This unit is approximately equivalent to parts per million (ppm). As an illustration, 1  $\text{mg/L}$  (ppm) is roughly one drop of gasoline in the gas tank of a full-size automobile.
- $\text{pCi/L}$  (picocuries per liter) A unit of measure of the radioactivity of a substance. Radioactivity is the process in which the nucleus of an unstable atom spontaneously decays or disintegrates. Radiation is the energy that is released when the disintegration or decay occurs.

#### Final Remediation Levels

The Operable Unit 5 Record of Decision established FRLs for FEMP-related contaminants in environmental media (i.e., soil, surface water, sediment, and groundwater). These FRLs are legally binding cleanup levels that will be used to track and certify the completion of the FEMP's remediation process. FRLs were specifically developed for the Great Miami Aquifer for those constituents that are presently in the Great Miami Aquifer and those that have the potential (based on modeling) to reach the aquifer within 1,000 years at levels that pose an unacceptable risk to human health and/or the environment.

## ATTACHMENT B

**TABLE B-1  
MONITORING WELL DATA**

| Monitoring Well | Constituent                     | Sample Date | Result <sup>a,b</sup> | FRL      |
|-----------------|---------------------------------|-------------|-----------------------|----------|
| 13              | Uranium, Total (filtered)       | 1/30/01     | 31.689 µg/L           | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 1/30/01     | 35.374 µg/L           | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 1/30/01     | 38.683 µg/L           | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 1/30/01     | 42.212 µg/L           | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 4/25/01     | 42.585 µg/L           | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 4/25/01     | 44.253 µg/L           | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 4/25/01     | 42.814 µg/L           | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 4/25/01     | 43.708 µg/L           | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 7/25/01     | 31 µg/L               | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 7/25/01     | 32.21 µg/L            | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 7/25/01     | 33.06 µg/L            | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 7/25/01     | 33.4 µg/L             | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 10/30/01    | 21.4 µg/L             | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 10/30/01    | 21.6 µg/L             | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 10/30/01    | 20.6 µg/L             | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 10/30/01    | 22 µg/L               | 30 µg/L  |
| 14              | Uranium, Total (unfiltered)     | 1/30/01     | 2.06 µg/L             | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 4/25/01     | 2.012 µg/L            | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 7/25/01     | 1.961 µg/L            | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 7/25/01     | 1.951 µg/L            | 30 µg/L  |
|                 | Uranium, Total (filtered)       | 10/30/01    | 2.11 µg/L             | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 10/30/01    | 2.11 µg/L             | 30 µg/L  |
| 2060 (12)       | Uranium, Total (unfiltered)     | 1/30/01     | 122.969 µg/L          | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 4/25/01     | 109.47 µg/L           | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 7/25/01     | 86.22 µg/L            | 30 µg/L  |
|                 | Uranium, Total (unfiltered)     | 10/30/01    | 86.7 µg/L             | 30 µg/L  |
| 2093            | 1,1-Dichloroethane (unfiltered) | 5/1/01      | ND                    | 280 µg/L |
|                 | 1,1-Dichloroethene (unfiltered) | 5/1/01      | ND                    | 7.0 µg/L |
|                 | 1,2-Dichloroethane (unfiltered) | 2/12/01     | ND                    | 5.0 µg/L |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                                 | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 2093 (Cont'd.)  | 1,2-Dichloroethane (unfiltered)             | 5/1/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 8/1/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 11/14/01    | ND                    | 5.0 µg/L    |
|                 | 4-Nitrophenol (unfiltered)                  | 5/1/01      | ND                    | 320 µg/L    |
|                 | alpha-Chlordane (unfiltered)                | 5/1/01      | ND                    | 2.0 µg/L    |
|                 | Antimony (filtered)                         | 5/1/01      | ND                    | 0.0060 mg/L |
|                 | Aroclor-1254 (unfiltered)                   | 5/1/01      | ND                    | 0.20 µg/L   |
|                 | Arsenic (filtered)                          | 5/1/01      | ND                    | 0.050 mg/L  |
|                 | Barium (filtered)                           | 5/1/01      | 0.051 mg/L            | 2.0 mg/L    |
|                 | Benzene (unfiltered)                        | 5/1/01      | ND                    | 5.0 µg/L    |
|                 | Beryllium (filtered)                        | 5/1/01      | ND                    | 0.0040 mg/L |
|                 | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 5/1/01      | ND                    | 5.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 5/1/01      | 1 µg/L                | 6.0 µg/L    |
|                 | Boron (filtered)                            | 5/1/01      | 0.0987 mg/L           | 0.33 mg/L   |
|                 | Bromodichloromethane (unfiltered)           | 5/1/01      | ND                    | 100 µg/L    |
|                 | Bromomethane (unfiltered)                   | 5/1/01      | ND                    | 2.1 µg/L    |
|                 | Cadmium (filtered)                          | 5/1/01      | ND                    | 0.014 mg/L  |
|                 | Carbazole (unfiltered)                      | 5/1/01      | ND                    | 11 µg/L     |
|                 | Carbon disulfide (unfiltered)               | 5/1/01      | ND                    | 5.5 µg/L    |
|                 | Chloroethane (unfiltered)                   | 5/1/01      | ND                    | 1.0 µg/L    |
|                 | Chloroform (unfiltered)                     | 5/1/01      | ND                    | 100 µg/L    |
|                 | Cobalt (filtered)                           | 5/1/01      | ND                    | 0.17 mg/L   |
|                 | Copper (filtered)                           | 5/1/01      | ND                    | 1.3 mg/L    |
|                 | Fluoride (unfiltered) <sup>c</sup>          | 5/1/01      | ND                    | 4 mg/L      |
|                 | Lead (filtered) <sup>c</sup>                | 5/1/01      | ND                    | 0.015 mg/L  |
|                 | Manganese (filtered)                        | 5/1/01      | 0.0035 mg/L           | 0.900 mg/L  |
|                 | Mercury (filtered)                          | 2/12/01     | ND                    | 0.0020 mg/L |
|                 | Mercury (filtered)                          | 5/1/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (filtered)                          | 8/1/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (filtered)                          | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Methylene chloride (unfiltered)             | 5/1/01      | ND                    | 5.0 µg/L    |
|                 | Molybdenum (filtered)                       | 5/1/01      | ND                    | 0.10 mg/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>a,b</sup> | FRL        |
|-----------------|---|-------------|-----------------------|------------|
| 2093 (Cont'd.)  | Neptunium-237 (filtered)                  | 2/12/01     | ND                    | 1.0 pCi/L  |
|                 | Neptunium-237 (filtered)                  | 5/1/01      | ND                    | 1.0 pCi/L  |
|                 | Neptunium-237 (filtered)                  | 8/1/01      | ND                    | 1.0 pCi/L  |
|                 | Neptunium-237 (filtered)                  | 11/14/01    | ND                    | 1.0 pCi/L  |
|                 | Nickel (filtered)                         | 5/1/01      | ND                    | 0.10 mg/L  |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/12/01     | 0.428 mg/L            | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 5/1/01      | ND                    | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/1/01      | 0.082 mg/L            | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | 0.036 mg/L            | 11 mg/L    |
|                 | p-Methylphenol (unfiltered)               | 5/1/01      | ND                    | 29 µg/L    |
|                 | Radium-226 (filtered)                     | 5/1/01      | ND                    | 20 pCi/L   |
|                 | Radium-228 (filtered)                     | 5/1/01      | ND                    | 20 pCi/L   |
|                 | Selenium (filtered)                       | 5/1/01      | ND                    | 0.050 mg/L |
|                 | Silver (filtered)                         | 5/1/01      | ND                    | 0.050 mg/L |
|                 | Strontium-90 (filtered)                   | 2/12/01     | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (filtered)                   | 5/1/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (filtered)                   | 8/1/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (filtered)                   | 11/14/01    | ND                    | 8.0 pCi/L  |
|                 | Technetium-99 (filtered)                  | 5/1/01      | ND                    | 94 pCi/L   |
|                 | Thorium-228 (filtered)                    | 5/1/01      | ND                    | 4.0 pCi/L  |
|                 | Thorium-230 (filtered)                    | 5/1/01      | ND                    | 15 pCi/L   |
|                 | Thorium-232 (filtered)                    | 5/1/01      | ND                    | 1.2 pCi/L  |
|                 | Trichloroethene (unfiltered)              | 5/1/01      | ND                    | 5.0 µg/L   |
|                 | Uranium, Total (filtered)                 | 2/12/01     | 1.737 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 2/12/01     | 2.253 µg/L            | 30 µg/L    |
|                 | Uranium, Total (filtered)                 | 5/1/01      | 1.751 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 5/1/01      | 1.916 µg/L            | 30 µg/L    |
|                 | Uranium, Total (filtered)                 | 8/1/01      | 1.297 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 8/1/01      | 1.679 µg/L            | 30 µg/L    |
|                 | Uranium, Total (filtered)                 | 11/14/01    | 1.99 µg/L             | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 11/14/01    | 2.07 µg/L             | 30 µg/L    |

TABLE B-1  
(Continued)

| Monitoring Well                    | Constituent                                 | Sample Date | Result <sup>a,b</sup> | FRL         |
|------------------------------------|---|-------------|-----------------------|-------------|
| 2093 (Contd.)                      | Vanadium (filtered)                         | 5/1/01      | ND                    | 0.038 mg/L  |
|                                    | Vinyl chloride (unfiltered)                 | 5/1/01      | ND                    | 2.0 µg/L    |
|                                    | Zinc (filtered)                             | 5/1/01      | ND                    | 0.021 mg/L  |
| 2095                               | 1,1-Dichloroethane (unfiltered)             | 5/2/01      | ND                    | 280 µg/L    |
|                                    | 1,1-Dichloroethene (unfiltered)             | 5/2/01      | ND                    | 7.0 µg/L    |
|                                    | 1,2-Dichloroethane (unfiltered)             | 2/6/01      | ND                    | 5.0 µg/L    |
|                                    | 1,2-Dichloroethane (unfiltered)             | 5/2/01      | ND                    | 5.0 µg/L    |
|                                    | 1,2-Dichloroethane (unfiltered)             | 8/7/01      | ND                    | 5.0 µg/L    |
|                                    | 1,2-Dichloroethane (unfiltered)             | 11/14/01    | ND                    | 5.0 µg/L    |
|                                    | 1,2-Dichloroethane (unfiltered)             | 11/14/01    | ND                    | 5.0 µg/L    |
|                                    | 4-Nitrophenol (unfiltered)                  | 5/2/01      | ND                    | 320 µg/L    |
|                                    | alpha-Chlordane (unfiltered)                | 5/2/01      | ND                    | 2.0 µg/L    |
|                                    | Antimony (unfiltered)                       | 5/2/01      | ND                    | 0.0060 mg/L |
|                                    | Aroclor-1254 (unfiltered)                   | 5/2/01      | ND                    | 0.20 µg/L   |
|                                    | Arsenic (unfiltered)                        | 5/2/01      | ND                    | 0.050 mg/L  |
|                                    | Barium (unfiltered)                         | 5/2/01      | 0.0527 mg/L           | 2.0 mg/L    |
|                                    | Benzene (unfiltered)                        | 5/2/01      | ND                    | 5.0 µg/L    |
|                                    | Beryllium (unfiltered)                      | 5/2/01      | ND                    | 0.0040 mg/L |
|                                    | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 5/2/01      | ND                    | 5.0 µg/L    |
|                                    | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 5/2/01      | ND                    | 6.0 µg/L    |
|                                    | Boron (unfiltered)                          | 5/2/01      | 0.0513 mg/L           | 0.33 mg/L   |
|                                    | Bromodichloromethane (unfiltered)           | 5/2/01      | ND                    | 100 µg/L    |
|                                    | Bromomethane (unfiltered)                   | 5/2/01      | ND                    | 2.1 µg/L    |
|                                    | Cadmium (unfiltered)                        | 5/2/01      | ND                    | 0.014 mg/L  |
|                                    | Carbazole (unfiltered)                      | 5/2/01      | ND                    | 11 µg/L     |
|                                    | Carbon disulfide (unfiltered)               | 5/2/01      | ND                    | 5.5 µg/L    |
|                                    | Chloroethane (unfiltered)                   | 5/2/01      | ND                    | 1.0 µg/L    |
|                                    | Chloroform (unfiltered)                     | 5/2/01      | ND                    | 100 µg/L    |
|                                    | Cobalt (unfiltered)                         | 5/2/01      | ND                    | 0.17 mg/L   |
|                                    | Copper (unfiltered)                         | 5/2/01      | ND                    | 1.3 mg/L    |
| Fluoride (unfiltered) <sup>c</sup> | 5/2/01                                      | ND          | 4 mg/L                |             |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 2095 (Cont'd.)  | Lead (unfiltered) <sup>c</sup>            | 5/2/01      | ND                    | 0.015 mg/L  |
|                 | Manganese (unfiltered)                    | 5/2/01      | ND                    | 0.900 mg/L  |
|                 | Mercury (filtered)                        | 2/6/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 5/2/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 8/7/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (filtered)                        | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Mercury (filtered)                        | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Molybdenum (unfiltered)                   | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Neptunium-237 (filtered)                  | 2/6/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 5/2/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 8/7/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (filtered)                  | 11/14/01    | 0.0121 pCi/L          | 1.0 pCi/L   |
|                 | Neptunium-237 (filtered)                  | 11/14/01    | ND                    | 1.0 pCi/L   |
|                 | Nickel (unfiltered)                       | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/6/01      | 4.5 mg/L              | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 5/2/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/7/01      | 3.74 mg/L             | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | 5.19 mg/L             | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | 5.34 mg/L             | 11 mg/L     |
|                 | p-Methylphenol (unfiltered)               | 5/2/01      | ND                    | 29 µg/L     |
|                 | Radium-226 (unfiltered)                   | 5/2/01      | ND                    | 20 pCi/L    |
|                 | Radium-228 (unfiltered)                   | 5/2/01      | ND                    | 20 pCi/L    |
|                 | Selenium (unfiltered)                     | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Silver (unfiltered)                       | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Strontium-90 (filtered)                   | 2/6/01      | 0.412 pCi/L           | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 5/2/01      | 0.481 pCi/L           | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 8/7/01      | ND                    | 8.0 pCi/L   |
|                 | Strontium-90 (filtered)                   | 11/14/01    | 0.302 pCi/L           | 8.0 pCi/L   |
|                 | Strontium-90 (filtered)                   | 11/14/01    | 0.419 pCi/L           | 8.0 pCi/L   |
|                 | Technetium-99 (unfiltered)                | 5/2/01      | ND                    | 94 pCi/L    |
|                 | Thorium-228 (unfiltered)                  | 5/2/01      | ND                    | 4.0 pCi/L   |

TABLE B-1  
(Continued)

| Monitoring Well                 | Constituent                  | Sample Date                     | Result <sup>a,b</sup> | FRL         |
|---------------------------------|------------------------------|---------------------------------|-----------------------|-------------|
| 2095 (Cont'd.)                  | Thorium-230 (unfiltered)     | 5/2/01                          | ND                    | 15 pCi/L    |
|                                 | Thorium-232 (unfiltered)     | 5/2/01                          | ND                    | 1.2 pCi/L   |
|                                 | Trichloroethene (unfiltered) | 5/2/01                          | ND                    | 5.0 µg/L    |
|                                 | Uranium, Total (filtered)    | 2/6/01                          | 88.54 µg/L            | 30 µg/L     |
|                                 | Uranium, Total (unfiltered)  | 2/6/01                          | 101.727 µg/L          | 30 µg/L     |
|                                 | Uranium, Total (unfiltered)  | 5/2/01                          | 96.26 µg/L            | 30 µg/L     |
|                                 | Uranium, Total (unfiltered)  | 8/7/01                          | 105.191 µg/L          | 30 µg/L     |
|                                 | Uranium, Total (filtered)    | 11/14/01                        | 120 µg/L              | 30 µg/L     |
|                                 | Uranium, Total (filtered)    | 11/14/01                        | 120 µg/L              | 30 µg/L     |
|                                 | Uranium, Total (unfiltered)  | 11/14/01                        | 109 µg/L              | 30 µg/L     |
|                                 | Uranium, Total (unfiltered)  | 11/14/01                        | 110 µg/L              | 30 µg/L     |
|                                 | Vanadium (unfiltered)        | 5/2/01                          | ND                    | 0.038 mg/L  |
|                                 | Vinyl chloride (unfiltered)  | 5/2/01                          | ND                    | 2.0 µg/L    |
|                                 | Zinc (unfiltered)            | 5/2/01                          | ND                    | 0.021 mg/L  |
|                                 | 21063                        | 1,1-Dichloroethane (unfiltered) | 4/30/01               | ND          |
| 1,1-Dichloroethane (unfiltered) |                              | 4/30/01                         | ND                    | 280 µg/L    |
| 1,1-Dichloroethene (unfiltered) |                              | 4/30/01                         | ND                    | 7.0 µg/L    |
| 1,1-Dichloroethene (unfiltered) |                              | 4/30/01                         | ND                    | 7.0 µg/L    |
| 1,2-Dichloroethane (unfiltered) |                              | 2/12/01                         | ND                    | 5.0 µg/L    |
| 1,2-Dichloroethane (unfiltered) |                              | 4/30/01                         | ND                    | 5.0 µg/L    |
| 1,2-Dichloroethane (unfiltered) |                              | 4/30/01                         | ND                    | 5.0 µg/L    |
| 1,2-Dichloroethane (unfiltered) |                              | 8/1/01                          | ND                    | 5.0 µg/L    |
| 1,2-Dichloroethane (unfiltered) |                              | 11/14/01                        | ND                    | 5.0 µg/L    |
| 4-Nitrophenol (unfiltered)      |                              | 4/30/01                         | ND                    | 320 µg/L    |
| 4-Nitrophenol (unfiltered)      |                              | 4/30/01                         | ND                    | 320 µg/L    |
| alpha-Chlordane (unfiltered)    |                              | 4/30/01                         | ND                    | 2.0 µg/L    |
| alpha-Chlordane (unfiltered)    |                              | 4/30/01                         | ND                    | 2.0 µg/L    |
| Antimony (unfiltered)           |                              | 4/30/01                         | ND                    | 0.0060 mg/L |
| Antimony (unfiltered)           |                              | 4/30/01                         | ND                    | 0.0060 mg/L |
| Aroclor-1254 (unfiltered)       |                              | 4/30/01                         | ND                    | 0.20 µg/L   |
| Aroclor-1254 (unfiltered)       |                              | 4/30/01                         | ND                    | 0.20 µg/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                                 | Sample Date | Result <sup>ab</sup> | FRL         |
|-----------------|---|-------------|----------------------|-------------|
| 21063 (Cont'd.) | Arsenic (unfiltered)                        | 4/30/01     | ND                   | 0.050 mg/L  |
|                 | Arsenic (unfiltered)                        | 4/30/01     | ND                   | 0.050 mg/L  |
|                 | Barium (unfiltered)                         | 4/30/01     | 0.0597 mg/L          | 2.0 mg/L    |
|                 | Barium (unfiltered)                         | 4/30/01     | 0.0603 mg/L          | 2.0 mg/L    |
|                 | Benzene (unfiltered)                        | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | Benzene (unfiltered)                        | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | Beryllium (unfiltered)                      | 4/30/01     | ND                   | 0.0040 mg/L |
|                 | Beryllium (unfiltered)                      | 4/30/01     | ND                   | 0.0040 mg/L |
|                 | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 4/30/01     | ND                   | 6.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 4/30/01     | ND                   | 6.0 µg/L    |
|                 | Boron (unfiltered)                          | 4/30/01     | 0.0902 mg/L          | 0.33 mg/L   |
|                 | Boron (unfiltered)                          | 4/30/01     | 0.0922 mg/L          | 0.33 mg/L   |
|                 | Bromodichloromethane (unfiltered)           | 4/30/01     | ND                   | 100 µg/L    |
|                 | Bromodichloromethane (unfiltered)           | 4/30/01     | ND                   | 100 µg/L    |
|                 | Bromomethane (unfiltered)                   | 4/30/01     | ND                   | 2.1 µg/L    |
|                 | Bromomethane (unfiltered)                   | 4/30/01     | ND                   | 2.1 µg/L    |
|                 | Cadmium (unfiltered)                        | 4/30/01     | ND                   | 0.014 mg/L  |
|                 | Cadmium (unfiltered)                        | 4/30/01     | ND                   | 0.014 mg/L  |
|                 | Carbazole (unfiltered)                      | 4/30/01     | ND                   | 11 µg/L     |
|                 | Carbazole (unfiltered)                      | 4/30/01     | ND                   | 11 µg/L     |
|                 | Carbon disulfide (unfiltered)               | 4/30/01     | ND                   | 5.5 µg/L    |
|                 | Carbon disulfide (unfiltered)               | 4/30/01     | ND                   | 5.5 µg/L    |
|                 | Chloroethane (unfiltered)                   | 4/30/01     | ND                   | 1.0 µg/L    |
|                 | Chloroethane (unfiltered)                   | 4/30/01     | ND                   | 1.0 µg/L    |
|                 | Chloroform (unfiltered)                     | 4/30/01     | ND                   | 100 µg/L    |
|                 | Chloroform (unfiltered)                     | 4/30/01     | ND                   | 100 µg/L    |
|                 | Cobalt (unfiltered)                         | 4/30/01     | ND                   | 0.17 mg/L   |
|                 | Cobalt (unfiltered)                         | 4/30/01     | ND                   | 0.17 mg/L   |
|                 | Copper (unfiltered)                         | 4/30/01     | ND                   | 1.3 mg/L    |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 21063 (Cont'd.) | Copper (unfiltered)                       | 4/30/01     | ND                    | 1.3 mg/L    |
|                 | Fluoride (unfiltered) <sup>c</sup>        | 4/30/01     | ND                    | 4 mg/L      |
|                 | Fluoride (unfiltered) <sup>c</sup>        | 4/30/01     | ND                    | 4 mg/L      |
|                 | Lead (unfiltered) <sup>c</sup>            | 4/30/01     | ND                    | 0.015 mg/L  |
|                 | Lead (unfiltered) <sup>c</sup>            | 4/30/01     | ND                    | 0.015 mg/L  |
|                 | Manganese (unfiltered)                    | 4/30/01     | 0.252 mg/L            | 0.900 mg/L  |
|                 | Manganese (unfiltered)                    | 4/30/01     | 0.257 mg/L            | 0.900 mg/L  |
|                 | Mercury (unfiltered)                      | 2/12/01     | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 4/30/01     | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 4/30/01     | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 8/1/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Methylene chloride (unfiltered)           | 4/30/01     | ND                    | 5.0 µg/L    |
|                 | Methylene chloride (unfiltered)           | 4/30/01     | ND                    | 5.0 µg/L    |
|                 | Molybdenum (unfiltered)                   | 4/30/01     | ND                    | 0.10 mg/L   |
|                 | Molybdenum (unfiltered)                   | 4/30/01     | ND                    | 0.10 mg/L   |
|                 | Neptunium-237 (unfiltered)                | 2/12/01     | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 4/30/01     | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 4/30/01     | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 8/1/01      | 0.018 pCi/L           | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 11/14/01    | ND                    | 1.0 pCi/L   |
|                 | Nickel (unfiltered)                       | 4/30/01     | ND                    | 0.10 mg/L   |
|                 | Nickel (unfiltered)                       | 4/30/01     | ND                    | 0.10 mg/L   |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/12/01     | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 4/30/01     | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 4/30/01     | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/1/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | ND                    | 11 mg/L     |
|                 | p-Methylphenol (unfiltered)               | 4/30/01     | ND                    | 29 µg/L     |
|                 | p-Methylphenol (unfiltered)               | 4/30/01     | ND                    | 29 µg/L     |
|                 | Radium-226 (unfiltered)                   | 4/30/01     | 0.665 pCi/L           | 20 pCi/L    |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                  | Sample Date | Result <sup>a,b</sup> | FRL        |
|-----------------|------------------------------|-------------|-----------------------|------------|
| 21063 (Cont'd.) | Radium-226 (unfiltered)      | 4/30/01     | 0.791 pCi/L           | 20 pCi/L   |
|                 | Radium-228 (unfiltered)      | 4/30/01     | ND                    | 20 pCi/L   |
|                 | Radium-228 (unfiltered)      | 4/30/01     | ND                    | 20 pCi/L   |
|                 | Selenium (unfiltered)        | 4/30/01     | ND                    | 0.050 mg/L |
|                 | Selenium (unfiltered)        | 4/30/01     | ND                    | 0.050 mg/L |
|                 | Silver (unfiltered)          | 4/30/01     | ND                    | 0.050 mg/L |
|                 | Silver (unfiltered)          | 4/30/01     | ND                    | 0.050 mg/L |
|                 | Strontium-90 (unfiltered)    | 2/12/01     | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)    | 4/30/01     | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)    | 4/30/01     | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)    | 8/1/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)    | 11/14/01    | ND                    | 8.0 pCi/L  |
|                 | Technetium-99 (unfiltered)   | 4/30/01     | ND                    | 94 pCi/L   |
|                 | Technetium-99 (unfiltered)   | 4/30/01     | ND                    | 94 pCi/L   |
|                 | Thorium-228 (unfiltered)     | 4/30/01     | ND                    | 4.0 pCi/L  |
|                 | Thorium-228 (unfiltered)     | 4/30/01     | ND                    | 4.0 pCi/L  |
|                 | Thorium-230 (unfiltered)     | 4/30/01     | 0.036 pCi/L           | 15 pCi/L   |
|                 | Thorium-230 (unfiltered)     | 4/30/01     | 0.094 pCi/L           | 15 pCi/L   |
|                 | Thorium-232 (unfiltered)     | 4/30/01     | ND                    | 1.2 pCi/L  |
|                 | Thorium-232 (unfiltered)     | 4/30/01     | ND                    | 1.2 pCi/L  |
|                 | Trichloroethene (unfiltered) | 4/30/01     | ND                    | 5.0 µg/L   |
|                 | Trichloroethene (unfiltered) | 4/30/01     | ND                    | 5.0 µg/L   |
|                 | Uranium, Total (unfiltered)  | 2/12/01     | 0.938 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 4/30/01     | 0.926 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 4/30/01     | 1.085 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 8/1/01      | 0.772 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 11/14/01    | 0.989 µg/L            | 30 µg/L    |
|                 | Vanadium (unfiltered)        | 4/30/01     | ND                    | 0.038 mg/L |
|                 | Vanadium (unfiltered)        | 4/30/01     | ND                    | 0.038 mg/L |
|                 | Vinyl chloride (unfiltered)  | 4/30/01     | ND                    | 2.0 µg/L   |
|                 | Vinyl chloride (unfiltered)  | 4/30/01     | ND                    | 2.0 µg/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                                 | Sample Date | Result <sup>ab</sup> | FRL         |
|-----------------|---|-------------|----------------------|-------------|
| 21063 (Cont'd.) | Zinc (unfiltered)                           | 4/30/01     | ND                   | 0.021 mg/L  |
|                 | Zinc (unfiltered)                           | 4/30/01     | ND                   | 0.021 mg/L  |
| 2550            | Uranium, Total (unfiltered)                 | 5/3/01      | 58.232 µg/L          | 30 µg/L     |
|                 | Uranium, Total (filtered)                   | 8/8/01      | 56.157 µg/L          | 30 µg/L     |
|                 | Uranium, Total (unfiltered)                 | 8/8/01      | 57.506 µg/L          | 30 µg/L     |
| 3093            | 1,1-Dichloroethane (unfiltered)             | 4/30/01     | ND                   | 280 µg/L    |
|                 | 1,1-Dichloroethene (unfiltered)             | 4/30/01     | ND                   | 7.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 2/12/01     | ND                   | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 8/1/01      | ND                   | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 11/14/01    | ND                   | 5.0 µg/L    |
|                 | 4-Nitrophenol (unfiltered)                  | 4/30/01     | ND                   | 320 µg/L    |
|                 | alpha-Chlordane (unfiltered)                | 4/30/01     | ND                   | 2.0 µg/L    |
|                 | Antimony (filtered)                         | 4/30/01     | ND                   | 0.0060 mg/L |
|                 | Aroclor-1254 (unfiltered)                   | 4/30/01     | ND                   | 0.20 µg/L   |
|                 | Arsenic (filtered)                          | 4/30/01     | ND                   | 0.050 mg/L  |
|                 | Barium (filtered)                           | 4/30/01     | 0.0674 mg/L          | 2.0 mg/L    |
|                 | Benzene (unfiltered)                        | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | Beryllium (filtered)                        | 4/30/01     | ND                   | 0.0040 mg/L |
|                 | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 4/30/01     | ND                   | 6.0 µg/L    |
|                 | Boron (filtered)                            | 4/30/01     | 0.0559 mg/L          | 0.33 mg/L   |
|                 | Bromodichloromethane (unfiltered)           | 4/30/01     | ND                   | 100 µg/L    |
|                 | Bromomethane (unfiltered)                   | 4/30/01     | ND                   | 2.1 µg/L    |
|                 | Cadmium (filtered)                          | 4/30/01     | ND                   | 0.014 mg/L  |
|                 | Carbazole (unfiltered)                      | 4/30/01     | ND                   | 11 µg/L     |
|                 | Carbon disulfide (unfiltered)               | 4/30/01     | ND                   | 5.5 µg/L    |
|                 | Chloroethane (unfiltered)                   | 4/30/01     | ND                   | 1.0 µg/L    |
|                 | Chloroform (unfiltered)                     | 4/30/01     | ND                   | 100 µg/L    |
|                 | Cobalt (filtered)                           | 4/30/01     | ND                   | 0.17 mg/L   |
|                 | Copper (filtered)                           | 4/30/01     | ND                   | 1.3 mg/L    |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>ab</sup> | FRL         |
|-----------------|---|-------------|----------------------|-------------|
| 3093 (Cont'd.)  | Fluoride (unfiltered) <sup>c</sup>        | 4/30/01     | ND                   | 4 mg/L      |
|                 | Lead (filtered) <sup>c</sup>              | 4/30/01     | ND                   | 0.015 mg/L  |
|                 | Manganese (filtered)                      | 4/30/01     | 0.234 mg/L           | 0.900 mg/L  |
|                 | Mercury (filtered)                        | 2/12/01     | ND                   | 0.0020 mg/L |
|                 | Mercury (filtered)                        | 4/30/01     | ND                   | 0.0020 mg/L |
|                 | Mercury (filtered)                        | 8/1/01      | ND                   | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 11/14/01    | ND                   | 0.0020 mg/L |
|                 | Methylene chloride (unfiltered)           | 4/30/01     | ND                   | 5.0 µg/L    |
|                 | Molybdenum (filtered)                     | 4/30/01     | ND                   | 0.10 mg/L   |
|                 | Neptunium-237 (filtered)                  | 2/12/01     | ND                   | 1.0 pCi/L   |
|                 | Neptunium-237 (filtered)                  | 4/30/01     | ND                   | 1.0 pCi/L   |
|                 | Neptunium-237 (filtered)                  | 8/1/01      | ND                   | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 11/14/01    | ND                   | 1.0 pCi/L   |
|                 | Nickel (filtered)                         | 4/30/01     | ND                   | 0.10 mg/L   |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/12/01     | 0.161 mg/L           | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 4/30/01     | ND                   | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/1/01      | 0.026 mg/L           | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | 0.174 mg/L           | 11 mg/L     |
|                 | p-Methylphenol (unfiltered)               | 4/30/01     | ND                   | 29 µg/L     |
|                 | Radium-226 (filtered)                     | 4/30/01     | 0.593 pCi/L          | 20 pCi/L    |
|                 | Radium-228 (filtered)                     | 4/30/01     | ND                   | 20 pCi/L    |
|                 | Selenium (filtered)                       | 4/30/01     | ND                   | 0.050 mg/L  |
|                 | Silver (filtered)                         | 4/30/01     | ND                   | 0.050 mg/L  |
|                 | Strontium-90 (filtered)                   | 2/12/01     | ND                   | 8.0 pCi/L   |
|                 | Strontium-90 (filtered)                   | 4/30/01     | ND                   | 8.0 pCi/L   |
|                 | Strontium-90 (filtered)                   | 8/1/01      | ND                   | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 11/14/01    | ND                   | 8.0 pCi/L   |
|                 | Technetium-99 (filtered)                  | 4/30/01     | ND                   | 94 pCi/L    |
|                 | Thorium-228 (filtered)                    | 4/30/01     | ND                   | 4.0 pCi/L   |
|                 | Thorium-230 (filtered)                    | 4/30/01     | 0.102 pCi/L          | 15 pCi/L    |
|                 | Thorium-232 (filtered)                    | 4/30/01     | ND                   | 1.2 pCi/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                              | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|--|-------------|-----------------------|-------------|
| 3093 (Cont'd.)  | Trichloroethene (unfiltered)             | 4/30/01     | ND                    | 5.0 µg/L    |
|                 | Uranium, Total (filtered)                | 2/12/01     | 0.406 µg/L            | 30 µg/L     |
|                 | Uranium, Total (unfiltered)              | 2/12/01     | 0.316 µg/L            | 30 µg/L     |
|                 | Uranium, Total (filtered)                | 4/30/01     | 0.383 µg/L            | 30 µg/L     |
|                 | Uranium, Total (unfiltered)              | 4/30/01     | 0.381 µg/L            | 30 µg/L     |
|                 | Uranium, Total (filtered)                | 8/1/01      | 0.301 µg/L            | 30 µg/L     |
|                 | Uranium, Total (unfiltered)              | 8/1/01      | 0.262 µg/L            | 30 µg/L     |
|                 | Uranium, Total (unfiltered)              | 11/14/01    | 0.408 µg/L            | 30 µg/L     |
|                 | Vanadium (filtered)                      | 4/30/01     | ND                    | 0.038 mg/L  |
|                 | Vinyl chloride (unfiltered)              | 4/30/01     | ND                    | 2.0 µg/L    |
|                 | Zinc (filtered)                          | 4/30/01     | ND                    | 0.021 mg/L  |
| 3095            | 1,1-Dichloroethane (unfiltered)          | 5/2/01      | ND                    | 280 µg/L    |
|                 | 1,1-Dichloroethene (unfiltered)          | 5/2/01      | ND                    | 7.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)          | 2/6/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)          | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)          | 8/7/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)          | 11/14/01    | ND                    | 5.0 µg/L    |
|                 | 4-Nitrophenol (unfiltered)               | 5/2/01      | ND                    | 320 µg/L    |
|                 | alpha-Chlordane (unfiltered)             | 5/2/01      | ND                    | 2.0 µg/L    |
|                 | Antimony (unfiltered)                    | 5/2/01      | ND                    | 0.0060 mg/L |
|                 | Aroclor-1254 (unfiltered)                | 5/2/01      | ND                    | 0.20 µg/L   |
|                 | Arsenic (unfiltered)                     | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Barium (unfiltered)                      | 5/2/01      | 0.0718 mg/L           | 2.0 mg/L    |
|                 | Benzene (unfiltered)                     | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | Beryllium (unfiltered)                   | 5/2/01      | ND                    | 0.0040 mg/L |
|                 | bis(2-Chloroisopropyl)ether (unfiltered) | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate (unfiltered)  | 5/2/01      | 130 µg/L              | 6.0 µg/L    |
|                 | Boron (unfiltered)                       | 5/2/01      | 0.016 mg/L            | 0.33 mg/L   |
|                 | Bromodichloromethane (unfiltered)        | 5/2/01      | ND                    | 100 µg/L    |
|                 | Bromomethane (unfiltered)                | 5/2/01      | ND                    | 2.1 µg/L    |
|                 | Cadmium (unfiltered)                     | 5/2/01      | ND                    | 0.014 mg/L  |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 3095 (Cont'd.)  | Carbazole (unfiltered)                    | 5/2/01      | ND                    | 11 µg/L     |
|                 | Carbon disulfide (unfiltered)             | 5/2/01      | ND                    | 5.5 µg/L    |
|                 | Chloroethane (unfiltered)                 | 5/2/01      | ND                    | 1.0 µg/L    |
|                 | Chloroform (unfiltered)                   | 5/2/01      | ND                    | 100 µg/L    |
|                 | Cobalt (unfiltered)                       | 5/2/01      | ND                    | 0.17 mg/L   |
|                 | Copper (unfiltered)                       | 5/2/01      | ND                    | 1.3 mg/L    |
|                 | Fluoride (unfiltered) <sup>c</sup>        | 5/2/01      | ND                    | 4 mg/L      |
|                 | Lead (unfiltered) <sup>c</sup>            | 5/2/01      | ND                    | 0.015 mg/L  |
|                 | Manganese (unfiltered)                    | 5/2/01      | 0.322 mg/L            | 0.900 mg/L  |
|                 | Mercury (unfiltered)                      | 2/6/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 5/2/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 8/7/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Methylene chloride (unfiltered)           | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | Molybdenum (unfiltered)                   | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Neptunium-237 (unfiltered)                | 2/6/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 5/2/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 8/7/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 11/14/01    | ND                    | 1.0 pCi/L   |
|                 | Nickel (unfiltered)                       | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/6/01      | 0.052 mg/L            | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 5/2/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/7/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | ND                    | 11 mg/L     |
|                 | p-Methylphenol (unfiltered)               | 5/2/01      | ND                    | 29 µg/L     |
|                 | Radium-226 (unfiltered)                   | 5/2/01      | ND                    | 20 pCi/L    |
|                 | Radium-228 (unfiltered)                   | 5/2/01      | 1.014 pCi/L           | 20 pCi/L    |
|                 | Selenium (unfiltered)                     | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Silver (unfiltered)                       | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Strontium-90 (unfiltered)                 | 2/6/01      | ND                    | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 5/2/01      | ND                    | 8.0 pCi/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                     | Sample Date | Result <sup>a,b</sup> | FRL        |
|-----------------|---------------------------------|-------------|-----------------------|------------|
| 3095 (Cont'd.)  | Strontium-90 (unfiltered)       | 8/7/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)       | 11/14/01    | ND                    | 8.0 pCi/L  |
|                 | Technetium-99 (unfiltered)      | 5/2/01      | ND                    | 94 pCi/L   |
|                 | Thorium-228 (unfiltered)        | 5/2/01      | ND                    | 4.0 pCi/L  |
|                 | Thorium-230 (unfiltered)        | 5/2/01      | ND                    | 15 pCi/L   |
|                 | Thorium-232 (unfiltered)        | 5/2/01      | 0.015 pCi/L           | 1.2 pCi/L  |
|                 | Trichloroethene (unfiltered)    | 5/2/01      | ND                    | 5.0 µg/L   |
|                 | Uranium, Total (unfiltered)     | 2/6/01      | 37.545 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 5/2/01      | 27.868 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 8/7/01      | 27.361 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 11/14/01    | 28.9 µg/L             | 30 µg/L    |
|                 | Vanadium (unfiltered)           | 5/2/01      | ND                    | 0.038 mg/L |
|                 | Vinyl chloride (unfiltered)     | 5/2/01      | ND                    | 2.0 µg/L   |
|                 | Zinc (unfiltered)               | 5/2/01      | 0.0176 mg/L           | 0.021 mg/L |
| 3550            | Uranium, Total (filtered)       | 2/7/01      | 3.388 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 2/7/01      | 3.765 µg/L            | 30 µg/L    |
|                 | Uranium, Total (filtered)       | 5/3/01      | 3.389 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 5/3/01      | 3.393 µg/L            | 30 µg/L    |
|                 | Uranium, Total (filtered)       | 8/7/01      | 2.286 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 8/7/01      | 2.644 µg/L            | 30 µg/L    |
|                 | Uranium, Total (filtered)       | 11/27/01    | 2.71 µg/L             | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 11/27/01    | 2.82 µg/L             | 30 µg/L    |
| 3880            | Uranium, Total (filtered)       | 5/2/01      | 0.307 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)     | 5/2/01      | 0.305 µg/L            | 30 µg/L    |
| 6880            | 1,1-Dichloroethane (unfiltered) | 5/2/01      | ND                    | 280 µg/L   |
|                 | 1,1-Dichloroethene (unfiltered) | 5/2/01      | ND                    | 7.0 µg/L   |
|                 | 1,2-Dichloroethane (unfiltered) | 2/5/01      | ND                    | 5.0 µg/L   |
|                 | 1,2-Dichloroethane (unfiltered) | 5/2/01      | ND                    | 5.0 µg/L   |
|                 | 1,2-Dichloroethane (unfiltered) | 8/6/01      | ND                    | 5.0 µg/L   |
|                 | 1,2-Dichloroethane (unfiltered) | 8/6/01      | ND                    | 5.0 µg/L   |
|                 | 1,2-Dichloroethane (unfiltered) | 11/14/01    | ND                    | 5.0 µg/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                                 | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 6880 (Cont'd.)  | 4-Nitrophenol (unfiltered)                  | 5/2/01      | ND                    | 320 µg/L    |
|                 | alpha-Chlordane (unfiltered)                | 5/2/01      | ND                    | 2.0 µg/L    |
|                 | Antimony (unfiltered)                       | 5/2/01      | ND                    | 0.0060 mg/L |
|                 | Aroclor-1254 (unfiltered)                   | 5/2/01      | ND                    | 0.20 µg/L   |
|                 | Arsenic (unfiltered)                        | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Barium (unfiltered)                         | 5/2/01      | 0.0434 mg/L           | 2.0 mg/L    |
|                 | Benzene (unfiltered)                        | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | Beryllium (unfiltered)                      | 5/2/01      | ND                    | 0.0040 mg/L |
|                 | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 5/2/01      | ND                    | 6.0 µg/L    |
|                 | Boron (unfiltered)                          | 5/2/01      | 0.0369 mg/L           | 0.33 mg/L   |
|                 | Bromodichloromethane (unfiltered)           | 5/2/01      | ND                    | 100 µg/L    |
|                 | Bromomethane (unfiltered)                   | 5/2/01      | ND                    | 2.1 µg/L    |
|                 | Cadmium (unfiltered)                        | 5/2/01      | 0.0023 mg/L           | 0.014 mg/L  |
|                 | Carbazole (unfiltered)                      | 5/2/01      | ND                    | 11 µg/L     |
|                 | Carbon disulfide (unfiltered)               | 5/2/01      | ND                    | 5.5 µg/L    |
|                 | Chloroethane (unfiltered)                   | 5/2/01      | ND                    | 1.0 µg/L    |
|                 | Chloroform (unfiltered)                     | 5/2/01      | ND                    | 100 µg/L    |
|                 | Cobalt (unfiltered)                         | 5/2/01      | ND                    | 0.17 mg/L   |
|                 | Copper (unfiltered)                         | 5/2/01      | 0.0017 mg/L           | 1.3 mg/L    |
|                 | Fluoride (unfiltered) <sup>c</sup>          | 5/2/01      | ND                    | 4 mg/L      |
|                 | Lead (unfiltered) <sup>c</sup>              | 5/2/01      | 0.002 mg/L            | 0.015 mg/L  |
|                 | Manganese (unfiltered)                      | 5/2/01      | 0.0014 mg/L           | 0.900 mg/L  |
|                 | Mercury (unfiltered)                        | 2/5/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                        | 5/2/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                        | 8/6/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                        | 8/6/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                        | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Molybdenum (unfiltered)                     | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Neptunium-237 (unfiltered)                  | 2/5/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                  | 5/2/01      | 0.024 pCi/L           | 1.0 pCi/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>a,b</sup> | FRL        |
|-----------------|---|-------------|-----------------------|------------|
| 6880 (Cont'd.)  | Neptunium-237 (unfiltered)                | 8/6/01      | ND                    | 1.0 pCi/L  |
|                 | Neptunium-237 (unfiltered)                | 8/6/01      | ND                    | 1.0 pCi/L  |
|                 | Neptunium-237 (unfiltered)                | 11/14/01    | ND                    | 1.0 pCi/L  |
|                 | Nickel (unfiltered)                       | 5/2/01      | ND                    | 0.10 mg/L  |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/5/01      | 3.3 mg/L              | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 5/2/01      | ND                    | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/6/01      | 3.08 mg/L             | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/6/01      | 3.11 mg/L             | 11 mg/L    |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | 0.505 mg/L            | 11 mg/L    |
|                 | p-Methylphenol (unfiltered)               | 5/2/01      | ND                    | 29 µg/L    |
|                 | Radium-226 (unfiltered)                   | 5/2/01      | ND                    | 20 pCi/L   |
|                 | Radium-228 (unfiltered)                   | 5/2/01      | ND                    | 20 pCi/L   |
|                 | Selenium (unfiltered)                     | 5/2/01      | ND                    | 0.050 mg/L |
|                 | Silver (unfiltered)                       | 5/2/01      | ND                    | 0.050 mg/L |
|                 | Strontium-90 (unfiltered)                 | 2/5/01      | 0.531 pCi/L           | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)                 | 5/2/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)                 | 8/6/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)                 | 8/6/01      | ND                    | 8.0 pCi/L  |
|                 | Strontium-90 (unfiltered)                 | 11/14/01    | ND                    | 8.0 pCi/L  |
|                 | Technetium-99 (unfiltered)                | 5/2/01      | ND                    | 94 pCi/L   |
|                 | Thorium-228 (unfiltered)                  | 5/2/01      | ND                    | 4.0 pCi/L  |
|                 | Thorium-230 (unfiltered)                  | 5/2/01      | 0.134 pCi/L           | 15 pCi/L   |
|                 | Thorium-232 (unfiltered)                  | 5/2/01      | ND                    | 1.2 pCi/L  |
|                 | Trichloroethene (unfiltered)              | 5/2/01      | ND                    | 5.0 µg/L   |
|                 | Uranium, Total (unfiltered)               | 2/5/01      | 121.679 µg/L          | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 5/2/01      | 109.268 µg/L          | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 8/6/01      | 85.465 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 8/6/01      | 91.048 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)               | 11/14/01    | 95.4 µg/L             | 30 µg/L    |
|                 | Vanadium (unfiltered)                     | 5/2/01      | ND                    | 0.038 mg/L |
|                 | Vinyl chloride (unfiltered)               | 5/2/01      | ND                    | 2.0 µg/L   |
|                 | Zinc (unfiltered)                         | 5/2/01      | ND                    | 0.021 mg/L |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                                 | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 6881            | 1,1-Dichloroethane (unfiltered)             | 5/2/01      | ND                    | 280 µg/L    |
|                 | 1,1-Dichloroethene (unfiltered)             | 5/2/01      | ND                    | 7.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 2/5/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 8/6/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 8/6/01      | ND                    | 5.0 µg/L    |
|                 | 1,2-Dichloroethane (unfiltered)             | 11/14/01    | ND                    | 5.0 µg/L    |
|                 | 4-Nitrophenol (unfiltered)                  | 5/2/01      | ND                    | 320 µg/L    |
|                 | alpha-Chlordane (unfiltered)                | 5/2/01      | ND                    | 2.0 µg/L    |
|                 | Antimony (filtered)                         | 5/2/01      | ND                    | 0.0060 mg/L |
|                 | Aroclor-1254 (unfiltered)                   | 5/2/01      | ND                    | 0.20 µg/L   |
|                 | Arsenic (filtered)                          | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Barium (filtered)                           | 5/2/01      | 0.0554 mg/L           | 2.0 mg/L    |
|                 | Benzene (unfiltered)                        | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | Beryllium (filtered)                        | 5/2/01      | ND                    | 0.0040 mg/L |
|                 | bis(2-Chloroisopropyl)ether<br>(unfiltered) | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | bis(2-Ethylhexyl)phthalate<br>(unfiltered)  | 5/2/01      | ND                    | 6.0 µg/L    |
|                 | Boron (filtered)                            | 5/2/01      | 0.0356 mg/L           | 0.33 mg/L   |
|                 | Bromodichloromethane (unfiltered)           | 5/2/01      | ND                    | 100 µg/L    |
|                 | Bromomethane (unfiltered)                   | 5/2/01      | ND                    | 2.1 µg/L    |
|                 | Cadmium (filtered)                          | 5/2/01      | ND                    | 0.014 mg/L  |
|                 | Carbazole (unfiltered)                      | 5/2/01      | ND                    | 11 µg/L     |
|                 | Carbon disulfide (unfiltered)               | 5/2/01      | ND                    | 5.5 µg/L    |
|                 | Chloroethane (unfiltered)                   | 5/2/01      | ND                    | 1.0 µg/L    |
|                 | Chloroform (unfiltered)                     | 5/2/01      | ND                    | 100 µg/L    |
|                 | Cobalt (filtered)                           | 5/2/01      | ND                    | 0.17 mg/L   |
|                 | Copper (filtered)                           | 5/2/01      | ND                    | 1.3 mg/L    |
|                 | Fluoride (unfiltered) <sup>c</sup>          | 5/2/01      | ND                    | 4 mg/L      |
|                 | Lead (filtered) <sup>c</sup>                | 5/2/01      | ND                    | 0.015 mg/L  |
|                 | Manganese (filtered)                        | 5/2/01      | 0.46 mg/L             | 0.900 mg/L  |
|                 | Mercury (filtered)                          | 2/5/01      | ND                    | 0.0020 mg/L |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                               | Sample Date | Result <sup>a,b</sup> | FRL         |
|-----------------|---|-------------|-----------------------|-------------|
| 6881 (Cont'd.)  | Mercury (filtered)                        | 5/2/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 8/6/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 8/6/01      | ND                    | 0.0020 mg/L |
|                 | Mercury (unfiltered)                      | 11/14/01    | ND                    | 0.0020 mg/L |
|                 | Methylene chloride (unfiltered)           | 5/2/01      | ND                    | 5.0 µg/L    |
|                 | Molybdenum (filtered)                     | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Neptunium-237 (filtered)                  | 2/5/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (filtered)                  | 5/2/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 8/6/01      | 0.073 pCi/L           | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 8/6/01      | ND                    | 1.0 pCi/L   |
|                 | Neptunium-237 (unfiltered)                | 11/14/01    | ND                    | 1.0 pCi/L   |
|                 | Nickel (filtered)                         | 5/2/01      | ND                    | 0.10 mg/L   |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 2/5/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 5/2/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/6/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 8/6/01      | ND                    | 11 mg/L     |
|                 | Nitrate/Nitrite (unfiltered) <sup>d</sup> | 11/14/01    | ND                    | 11 mg/L     |
|                 | p-Methylphenol (unfiltered)               | 5/2/01      | ND                    | 29 µg/L     |
|                 | Radium-226 (filtered)                     | 5/2/01      | ND                    | 20 pCi/L    |
|                 | Radium-228 (filtered)                     | 5/2/01      | ND                    | 20 pCi/L    |
|                 | Selenium (filtered)                       | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Silver (filtered)                         | 5/2/01      | ND                    | 0.050 mg/L  |
|                 | Strontium-90 (filtered)                   | 2/5/01      | ND                    | 8.0 pCi/L   |
|                 | Strontium-90 (filtered)                   | 5/2/01      | ND                    | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 8/6/01      | ND                    | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 8/6/01      | ND                    | 8.0 pCi/L   |
|                 | Strontium-90 (unfiltered)                 | 11/14/01    | ND                    | 8.0 pCi/L   |
|                 | Technetium-99 (filtered)                  | 5/2/01      | ND                    | 94 pCi/L    |
|                 | Thorium-228 (filtered)                    | 5/2/01      | ND                    | 4.0 pCi/L   |
|                 | Thorium-230 (filtered)                    | 5/2/01      | ND                    | 15 pCi/L    |
|                 | Thorium-232 (filtered)                    | 5/2/01      | ND                    | 1.2 pCi/L   |

TABLE B-1  
(Continued)

| Monitoring Well | Constituent                  | Sample Date | Result <sup>a,b</sup> | FRL        |
|-----------------|------------------------------|-------------|-----------------------|------------|
| 6881 (Cont'd.)  | Trichloroethene (unfiltered) | 5/2/01      | ND                    | 5.0 µg/L   |
|                 | Uranium, Total (filtered)    | 2/5/01      | 29.298 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 2/5/01      | <b>33.884</b> µg/L    | 30 µg/L    |
|                 | Uranium, Total (filtered)    | 5/2/01      | 28.219 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 5/2/01      | 29.17 µg/L            | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 8/6/01      | 24.051 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 8/6/01      | 24.732 µg/L           | 30 µg/L    |
|                 | Uranium, Total (unfiltered)  | 11/14/01    | 25.6 µg/L             | 30 µg/L    |
|                 | Vanadium (filtered)          | 5/2/01      | ND                    | 0.038 mg/L |
|                 | Vinyl chloride (unfiltered)  | 5/2/01      | ND                    | 2.0 µg/L   |
|                 | Zinc (filtered)              | 5/2/01      | ND                    | 0.021 mg/L |

<sup>a</sup>ND = non-detectable concentrations; the lowest concentration that can be reliably detected is known as the detection limit. Non-detectable concentrations are between zero and the detection limit.

<sup>b</sup>**Bold typeface** indicates the FRL was exceeded.

<sup>c</sup>The FRLs for fluoride and lead were changed and documented in the Operable Unit 5 Record of Decision by change pages.

<sup>d</sup>The FRL of 11 mg/L is for nitrate, but because of holding time considerations, nitrate/nitrite is analyzed. This is acceptable because nitrate/nitrite provides a more conservative result.