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Savannah River Site

Scoping Summary for the General Separations Area Western Groundwater Operable Unit (U)

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Table 1. Key Changes to the Scoping Summary

SECTION	DESCRIPTION OF CHANGE	RATIONALE FOR CHANGE
4.1 and 4.2	Revised sections to include results from 2009 groundwater sampling.	These changes update the Scoping Summary to include results from sampling in 2009.
Figures A-3, A-4, and A-5	Figures were updated based on the results of 2009 groundwater sampling.	These changes update the Scoping Summary with current sampling results.
Appendix B	Data table B-1 was updated with the results of 2009 groundwater sampling. Table B-2 contains the results of TCLVOC analyses.	These changes update the Scoping Summary with current sampling results.
4.1 and Table B-3	Added discussion of results for F Area Retention Basin monitoring.	F Area Retention Basin is closed and has been incorporated into the OU.
Table 3	Well FBP45D was removed from sampling.	A tree extensively damaged the well which has been abandoned and replaced by existing station UTR-18R.
Table 3	Surface water sampling locations will be sampled during each monitoring event.	To include surface water samples every time the wells are sampled.

Table 2. Significant Core Team Agreements

Agreement	Meeting
FBP 44D, FBP 46D, and FBP 47D can be dry during periods of lower water table. This could represent a data gap if the UTR 18R seepline piezometer is also dry (monitors the same aquifer zone). UTR 18R typically contains water. Historical data associated with the dry wells will be evaluated with respect to contaminants to determine if modifications to the well network are necessary to define plume extent. The evaluation will be reported in February 2011 as a white paper.	June 2010

1.0 PROJECT PHASE AND STATUS

The *Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI)/Remedial Investigation (RI) Phase 1 Work Plan for the General Separations Area (GSA) Western Groundwater Operable Unit (OU)*, Revision 1.1, was approved by the United States Environmental Protection Agency (USEPA) and by the South Carolina Department of Health and Environmental Control (SCDHEC) on September 9, 2004. A Field Start was achieved for the OU on September 20, 2004.

In 2007, SRS completed establishment of the groundwater monitoring network. The GSA Western Groundwater OU is currently in a groundwater monitoring program. The purpose of this Scoping Summary is to present the analytical data obtained in 2009 from the semi-annual groundwater monitoring to the Core Team to determine if the monitoring network and analytical suite remain appropriate for continued monitoring. Overall concentrations have remained consistent with results from 2008 and continued sampling of the groundwater monitoring network is recommended.

2.0 BACKGROUND

The GSA is located on a topographic ridge near the center of the SRS. The GSA Western Groundwater OU is located in the northwest portion of the GSA on a groundwater divide. It encompasses the groundwater beneath approximately 485.6 hectares (1,200 acres) in F Area. This OU is bordered to the south by the F Area Hazardous Waste Management Facility OU and to the east by the Mixed Waste Management Facility (see Figure A-1). Because the OU is located on a groundwater divide, shallow groundwater flows toward both Fourmile Branch (FMB) and Upper Three Runs Creek (UTRC) (see Figure A-2).

This OU underlies many operating facilities and waste units in and around F Area that are potential sources of contamination. Some of these facilities and units have been investigated during previous Resource Conservation Recovery Act (RCRA) Facility Investigation (RFI)/Remedial Investigation (RI) characterization work. From these

investigations and from review of the existing monitoring well networks, three distinct groundwater plumes have been identified in the Upper Three Runs Aquifer (UTRA). The plumes are identified by geographic reference as the North plume, the West plume, and the South plume.

Some of the operating facilities in the area are undergoing decontamination and decommissioning and will be brought to closure in the near term. Because other facilities will remain active into the future, in September 2005, the Core Team determined:

- It is not appropriate to achieve a Record of Decision on the GSA Western GW OU until all sources of potential contamination are brought to closure (including closure of the F-Area High Level Waste Tanks).

- The most appropriate action at this time is continued groundwater monitoring to ensure that surface water resources are adequately protected.

- If contamination in the groundwater is thought to represent a threat to surface water resources, the Core Team will reconvene to determine if early response actions are required.

Characterization has been performed to determine the nature and extent of groundwater contamination. The results indicate that the primary groundwater contaminants are volatile organic compounds (VOCs), radionuclides, and nitrate. Tritium and trichloroethylene (TCE) are sporadically above MCLs at points of groundwater discharge at the seeplines. However, concentrations in adjacent surface water are consistently below MCLs.

3.0 LAND USE

The area encompassed by the GSA Western GW OU is heavily developed with many active industrial facilities. No future residential use of this area is anticipated. Land use of the entire GSA Western GW OU area will be controlled to prevent use of the

groundwater that exceeds MCLs. The UTRA and Gordon Aquifer (GA) are not used regionally as a drinking water source.

4.0 SUBUNITS

The GSA Western GW OU includes the following two subunits:

- Groundwater (i.e, North Plume, West Plume, South Plume), including shallow groundwater discharging to surface at the seeplines
- Surface water

In September 2005, the Core Team determined that soil contamination from the potential source units will be addressed during closure of the individual waste units and operating facilities.

4.1 Groundwater Subunit

The UTRA is the shallow-most aquifer beneath the GSA Western GW OU. The GA underlies the UTRA. Contamination is present only in the UTRA. Previous investigations have demonstrated that within the GSA Western GW OU, the GA is protected by a competent confinement unit and contamination is not migrating into the aquifer.

Currently, the GSA Western GW OU is under a groundwater monitoring program that consists of 36 monitoring wells, 4 shallow sampling points at the seeplines (i.e., seepline piezometers), and 3 surface water sampling stations (Figure A-2). The results from the 2009 semi-annual monitoring of the well network are discussed below for the North, West, and South plumes. The analytical data is presented in Tables B-1 and B-2. In addition, the results from the 2009 sampling of four wells for the F Area Retention Basin are provided in Table B-3

North Plume

The North plume covers an area of approximately 50 acres on the north side of the F-Area industrial facilities. This plume is located completely within the Lower Aquifer Zone (LAZ) of the UTRA. Groundwater flow in this aquifer is north toward Upper Three Runs Creek and its tributaries. During 2009, groundwater samples were collected from seven wells and three seepline piezometer locations.

Previous investigations have shown that elevated concentrations of TCE, gross alpha, and nonvolatile beta are present to the east and north-east of the Old F-Area Seepage Basin (OFASB). In 2002, depth discrete samples measured TCE concentrations up to 85 ug/L. Elevated concentrations of gross alpha and nonvolatile beta were also detected. Sample locations from this investigation (SW and ER sample locations) were shown in the November 2005 Scoping Summary. This area of the plume is likely from sources within the F Area fence line such as facilities associated with Naval Fuels and the Fabrication Shop located north of F Canyon.

During the 2009 monitoring period, TCE concentrations were lower than 2008 and ranged between non-detect and 42 ug/L along the northwest corner of the F Area facilities. The maximum concentration of TCE continues to be immediately outside the F Area perimeter fence (well FGW 003C). Elsewhere in the plume, downgradient of the OFASB, concentrations of TCE are significantly lower (max. 20 ug/L). TCE was not detected above the MCL at the seepline piezometers.

In addition to VOCs, gross alpha, nonvolatile beta, nitrate, iodine-129, strontium-90, and tritium are present in the UTRA at levels greater than MCLs. In 2009, concentrations were only slightly greater than respective MCLs in most locations and were similar or lower than levels measured in 2008. However, 2009 samples taken near the OFASB were measured at levels several times their respective MCL for I-129 (max. 16.2 pCi/L), Sr-90 (max. 34.3 pCi/L), and tritium (max. 61.3 pCi/mL).

Shallow groundwater discharging at the seepline was collected from three seepline piezometers (UTR 6, 7, and 16) during the 2009 sampling. During the third quarter sampling, two constituents exceeded MCLs in the shallow groundwater at station UTR 16; strontium-90 (9.07 pCi/L) and tritium (21.7 pCi/mL). No exceedances were noted during the first quarter sampling. At this location, only tritium has a history of consistently being detected near or above the MCL. Since 2005, tritium has exceeded the MCL in 5 of 7 samples. In accordance with the monitoring strategy, when the shallow groundwater exceeds the MCLs, confirmation samples are collected of the surface water. Confirmation samples from surface water station UTR 003 will be collected in 2010. All previous results at the surface water location UTR 003 were below MCLs.

Overall, 2009 data indicates that the plume remains stable to decreasing with respect to extent and concentrations. Monitoring data for 2009 are provided in Appendix B-1.

West Plume

The West plume occupies approximately 65 acres on the western side of F Area. The plume is located within both the Upper Aquifer Zone (UAZ) and LAZ of the UTRA. Groundwater flow in this area is generally west toward Upper Three Runs Creek. During 2009, groundwater samples were obtained from 12 wells and one seepline piezometer location. The four wells closest to the seepline (FBP 44D, 45D, 46D, and 47D) were dry during both sampling events. In addition, well FBP 45D, which was damaged by a fallen tree, has been abandoned and removed from the monitoring network. Monitoring at this location will be covered by seepline piezometer UTR 18R. Sampling results from the monitoring network are included in Appendix B-1.

Overall, the West plume is comprised primarily of VOCs (PCE, TCE, and trichlorofluoromethane [(TCFM]), nitrates, and gross alpha/nonvolatile beta constituents. Based on previous sampling, the isotopes present include iodine-129, strontium-90, technetium-99, uranium-233/234, and uranium-238. In 2009, the data show MCL

exceedances for the same constituents detected in 2008: PCE, TCE, TCFM, nitrates, gross alpha, and non-volatile beta.

VOCs are present beneath the burning rubble pits and upgradient of the pits toward the F Area facilities. In 2009, the maximum TCE concentration (36.5 ug/L; FGW 22C) was less than both the 2007 and 2008 results (52.2 and 44 ug/L, respectively). In addition to TCE, concentrations of PCE and TCFM were consistent with concentrations in 2008.

The maximum concentrations of gross alpha, nitrates, and nonvolatile beta are present adjacent to the F Area facilities and the IPSL at wells FGW 5C and FGW 22C. In 2009, gross alpha and nonvolatile beta concentrations were lower than results from 2008, while the nitrate levels were consistent with monitoring in 2008; gross alpha 1,210 pCi/L (2009), nonvolatile beta 309 pCi/L (2009), and nitrates 77.5 mg/L (2009).

At the seepline, VOCs were detected above the MCLs at piezometer UTR 18R; PCE 7.3 ug/L, TCE 10.3 ug/L, and TCFM 16.2 ug/L. Confirmation samples are being collected from the surface water in 2010. Historically, surface water samples collected down gradient from piezometer UTR 18R have been non-detect for VOCs. UTR 018R is located at the base of a slope in an area of localized groundwater seeps. At this location the rate of groundwater discharge is so low that standing water is not present year round. Also, the sample point is approximately 600 feet from Upper Three Runs Creek and groundwater discharged to the surface seeps back into the ground or evaporates before reaching the creek.

Overall, 2009 data indicates that the plume remains stable to decreasing with respect to extent and concentrations.

South Plume

The South plume covers an area of approximately 55 acres on the south west corner of F Area. The plume is located within the UAZ and LAZ of the UTRA. Groundwater flow in this portion of the OU is generally south west toward Upper Three Runs Creek. During 2009 groundwater samples were collected from 13 wells. Well FSL 4D was dry during both sampling events. The analyte list for monitoring includes nitrate, gross alpha, nonvolatile beta, tritium, iodine-129, radium- 226, radium-228, strontium-90, uranium-233/234, and uranium-238. Analytical results are presented in Appendix B-1.

The South plume consists primarily of tritium, nitrates, and nonvolatile beta constituents. Specific radionuclides present above MCLs include iodine-129 and strontium-90. These constituents are sourced from within the F Area facilities or from the RCRA permitted F-Area Inactive Process Sewer Line (FIPSL). Potential sources of contamination include historic spills and releases from the F-Area Tank Farm and leaks along sections of the FIPSL. A collapsed section of the FIPSL is known to exist down gradient of the Tank Farm. The collapsed section is shown in Figure A-2.

In 2009, nonvolatile beta was the most widespread contaminant detected. It was present at levels exceeding the MCL in five of 13 wells with concentrations ranging from 60.9 pCi/L (FSL 11C) to 334 pCi/L (FSL 5D). In 2009, the maximum beta levels were half the concentration detected in 2008 (766 pCi/L) and consistent with concentrations observed in 2007. The highest concentration over the past three years was detected in the area of wells FTF-28 and FSL 5D near the IPSL collapsed section and the tank farm.

In addition to beta activities, in 2009 a few wells near the IPSL had exceedances for nitrates, iodine-129, radium-226, strontium-90, and tritium. These constituents were present at the same concentrations measured in 2008. Overall, the 2009 data indicates that the plume remains stable with respect to extent and concentrations.

F Area Retention Basin

Previously the Core Team decided to incorporate the monitoring and reporting for the F Area Retention Basin in this report. The GSA Western Groundwater OU monitoring network includes sampling at four wells for the F Area Retention Basin. The monitoring network is shown on Figure A-2 and details are provided in Table 3. In 2009, all constituents were non-detect except for radium-226 and TCE. The maximum concentration of radium-226 was 2.19 pCi/L at well FRB 1. TCE was also detected at FRB 1 at 1.01 ug/L. All results were below MCLs at the F Area Retention Basin. The analytical data are presented in Table B-3.

4.1.1 Problem Warranting Action

- Volatile organic compounds (VOCs), nitrate, and radionuclides in the UTRA are present at levels that exceed the respective MCLs.
- VOCs and tritium have been present in groundwater at the seepline at levels above the MCLs. In 2009, VOCs, tritium, and strontium-90 exceeded the MCLs at the seepline.

4.1.2 Remedial Action Objectives

- Ensure that contaminants in groundwater do not impact surface water at levels that exceed MCLs.

- Prevent human exposure to contaminants in groundwater at levels that exceed MCLs.

4.1.3 Scope of Problem

Groundwater contaminants in the UTRA include VOCs, radionuclides, and nitrate. . Tritium, TCE, and nonvolatile beta are recognized as the most widespread contaminants in the groundwater at the OU. Figures A-3, A-4, and A-5 show the distribution of these

contaminants in the UTRA. When more than one sample was collected per aquifer zone, the maximum concentration at that location is shown on the maps.

4.1.4 Likely Response Actions

- Continued monitoring of groundwater in the UTRA and at the seepline on a semiannual frequency.

4.1.5 Uncertainties

- There is some uncertainty regarding the potential sources of shallow groundwater contamination due to the number of operating facilities and waste units within the boundaries of the GSA Western GW OU. Individually and collectively, these facilities and waste sites have contaminated the shallow aquifer that underlies this groundwater OU. The closure of the F Area facilities will manage the uncertainties associated with residual sources. The uncertainty regarding source areas will ultimately be addressed by the F Area OU remedial investigation (prior to Area Closure). Until then, the impact of the combined sources on groundwater will be tracked by continued groundwater monitoring in the GSA Western GW OU. The well network for each plume area, sampling frequency, and specific analyte lists are summarized in Table 3.
- FBP 44D, FBP 46D, and FBP 47D can be dry during periods of lower water table. This could represent a data gap if the UTR 18R seepline piezometer is also dry (monitors the same aquifer zone). UTR 18R typically contains water. Historical data associated with the dry wells will be evaluated with respect to contaminants to determine if modifications to the well network are necessary to define plume extent. The evaluation will be reported in February 2011 as a white paper.

4.2 Surface Water

Shallow groundwater within the OU discharges to surface water at the seeplines of Upper Three Runs Creek and Fourmile Branch. The Phase 1 Work Plan specified that if

groundwater contamination was detected at the seeplines above the MCLs, then surface water quality would be evaluated. Three surface water sample locations are used to monitor water quality as contingency locations in the groundwater monitoring plan (see Figure A-2). In June 2010 the core team agreed to sample the surface water at the same frequency as the groundwater.

Characterization and monitoring well data show that groundwater contamination exists above MCLs adjacent to surface water in the OU. At the North and West plumes groundwater at the seepline has exceeded MCLs for tritium, strontium-90 and VOCs in the past. However, confirmation sampling of the surface water has demonstrated that contaminant levels are below MCL in the tributaries to Upper Three Runs Creek.

4.2.1 Problem Warranting Action

- No problems warranting action have been identified for surface water at the OU.

4.2.2 Remedial Action Objectives

- To date there were no MCL exceedances in surface water, therefore RAOs are not applicable at this time.

4.2.3 Surface Water Scope of Problem Warranting Action

The GSA Western GW OU contains three distinct areas of groundwater contamination. Since monitoring started in 2005, two of these plumes, the North Plume and the West Plume, were above MCLs near the discharge zone to the seeplines. In 2009 the North Plume was slightly above MCLs at a concentration of 21.7 pCi/mL (tritium) and 9.1 pCi/L (strontium-90). In 2009, the West Plume exceeded for VOCs near the discharge zone to wetlands of Upper Three Runs Creek. Historically, confirmation sampling of the surface water has demonstrated that contaminant levels are below MCLs in the tributaries to Upper Three Runs Creek.

4.2.4 Surface Water Likely Response Actions

- Monitoring of surface water per the schedule in Table 3.

4.2.5 Uncertainties

- It is uncertain if surface water of Upper Three Runs Creek and tributaries will be impacted by groundwater discharging from the North and West Plumes. Seepline piezometer data at some locations has been detected above the MCL. As more data is obtained, trends will be developed as necessary. This uncertainty is managed by monitoring surface water in the tributaries to Upper Three Runs Creek. Sample locations and analytes are summarized in Table 3.

5.0 OPERABLE UNIT STRATEGY

- SRS will sample the monitoring network semi-annually for contaminants of concern until there is a decision to modify the frequency. Evaluation will be based on data trends. This information is reported in an annual update to this scoping summary.

- SRS will convene the Core Team annually (or as necessary) to review data, re-evaluate the well network, sampling frequency, and analyte list, assess the effectiveness of the OU logic, and decide if the monitoring strategy is still appropriate or if changes are required (including the need for immediate action).

- SRS will notify the Core Team promptly if monitoring data indicate a problem that requires immediate action.

Table 3 Groundwater monitoring network.

Plume Description	Aquifer Zone	Well ID	Analyte List
West Plume	UAZ of UTRA	FBP10D, FBP6D, FBP12D, FBP13D, FBP43DL, FSL2D	Nitrate, gross alpha, nonvolatile beta, tritium, and TCL VOCs
	LAZ of UTRA	FBP1A, FBP2A, FBP43C, FBP44D, FBP46D, FBP47D, FGW005C, FGW-019C, FGW-022C	
	Seepline/Surface Water	UTR-18R, UTR-005	At surface water locations: field parameters for VOC degradation and degradation products
North Plume	LAZ of UTRA	FNB2, FNB3, FNB5, FNB12, FNB13, FNB15, FGW-003C	Nitrate, gross alpha, nonvolatile beta, tritium, iodine-129, strontium-90, and TCL VOCs
	Seepline/Surface Water	UTR-16, UTR-6, UTR-7 UTR-003, UTR-004	
South Plume	UAZ of UTRA	BRR1D, BRR5D, BRR6D, FSL4D, FSL5D, FSL6D, FSL7D, FSB76C, FGW012D	Nitrate, gross alpha, nonvolatile beta, tritium, iodine-129, radium-226, 228, strontium-90, uranium-233/234, 238
	LAZ of UTRA	BRR6C, BRR7C, FTF28, FSL11C, FGW012C	
F Area Retention Basin	UAZ of UTRA	FRB1, FRB2, FRB3, FRB4	Gross alpha, nonvolatile beta, cesium-137, strontium-90, radium-226, TCE

Sampling of the well network will be performed semi-annually.
Sample locations are shown on Figure A-2. FBP-45D was abandoned in 2009.

Appendix A

Figure A-1 Groundwater Operable Units at the General Separations Area

Figure A-2 GSA Western Groundwater OU Sample Locations and Well Map

Figure A-3 Tritium Results (2009) Upper Three Runs Aquifer

Figure A-4 Trichloroethylene Results (2009) Upper Three Runs Aquifer

Figure A-5 Nonvolatile Beta Results (2009) Upper Three Runs Aquifer

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Appendix B1

2009 Monitoring Well Results

Table B-1 Monitoring Well Sample Results

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FNB 2	**North**	**LAZ**	**2/24/2009**	**GROSS ALPHA**	**15**	**27.7**	**pCi/L**	
FNB 5	North	LAZ	2/27/2009	GROSS ALPHA	15	11.9	pCi/L	
FNB 15	North	LAZ	10/19/2009	GROSS ALPHA	15	8.46	pCi/L	J
FNB 5	North	LAZ	10/20/2009	GROSS ALPHA	15	7.47	pCi/L	J
UTR 6	North	Seepline	3/2/2009	GROSS ALPHA	15	6.26	pCi/L	J
FNB 15	North	LAZ	2/27/2009	GROSS ALPHA	15	6.15	pCi/L	J
FNB 13	North	LAZ	10/19/2009	GROSS ALPHA	15	6.02	pCi/L	J
FNB 13	North	LAZ	2/27/2009	GROSS ALPHA	15	4.38	pCi/L	J
UTR-016	North	Seepline	10/29/2009	GROSS ALPHA	15	3.26	pCi/L	J
UTR-016	North	Seepline	3/2/2009	GROSS ALPHA	15	2.76	pCi/L	J
FGW003 C	North	LAZ	10/26/2009	GROSS ALPHA	15	2.16	pCi/L	J
UTR 6	North	Seepline	10/29/2009	GROSS ALPHA	15	2.1	pCi/L	J
FNB 3	North	LAZ	10/20/2009	GROSS ALPHA	15	2.09	pCi/L	U
FNB 3	North	LAZ	2/24/2009	GROSS ALPHA	15	1.82	pCi/L	J
FGW003 C	North	LAZ	2/23/2009	GROSS ALPHA	15	1.43	pCi/L	U
UTR 7	North	Seepline	3/2/2009	GROSS ALPHA	15	1.38	pCi/L	U
FNB 12	North	LAZ	10/20/2009	GROSS ALPHA	15	0.319	pCi/L	U
FNB 12	North	LAZ	2/27/2009	GROSS ALPHA	15	0.296	pCi/L	U
UTR 7	North	Seepline	10/29/2009	GROSS ALPHA	15	0.0903	pCi/L	U
FNB 2	**North**	**LAZ**	**2/24/2009**	**IODINE-129**	**1**	**16.2**	**pCi/L**	
FNB 2	**North**	**LAZ**	**10/26/2009**	**IODINE-129**	**1**	**12.3**	**pCi/L**	
FNB 15	**North**	**LAZ**	**10/19/2009**	**IODINE-129**	**1**	**4.32**	**pCi/L**	
FNB 15	**North**	**LAZ**	**2/27/2009**	**IODINE-129**	**1**	**4.29**	**pCi/L**	
FNB 13	**North**	**LAZ**	**10/19/2009**	**IODINE-129**	**1**	**4.08**	**pCi/L**	
FNB 13	**North**	**LAZ**	**2/27/2009**	**IODINE-129**	**1**	**2.08**	**pCi/L**	**J**
UTR-016	North	Seepline	3/2/2009	IODINE-129	1	1.87	pCi/L	R
UTR-016	North	Seepline	10/29/2009	IODINE-129	1	1.73	pCi/L	R
FNB 5	North	LAZ	10/20/2009	IODINE-129	1	1.12	pCi/L	R
FNB 5	North	LAZ	2/27/2009	IODINE-129	1	1.04	pCi/L	R
UTR 6	North	Seepline	3/2/2009	IODINE-129	1	0.521	pCi/L	R
FNB 3	North	LAZ	10/20/2009	IODINE-129	1	0.506	pCi/L	U
FGW003 C	North	LAZ	2/23/2009	IODINE-129	1	0.493	pCi/L	U
UTR 6	North	Seepline	10/29/2009	IODINE-129	1	0.27	pCi/L	U
FNB 12	North	LAZ	10/20/2009	IODINE-129	1	0.254	pCi/L	U
FNB 3	North	LAZ	2/24/2009	IODINE-129	1	0.201	pCi/L	U
UTR 7	North	Seepline	3/2/2009	IODINE-129	1	0.174	pCi/L	U
UTR 7	North	Seepline	10/29/2009	IODINE-129	1	0.0891	pCi/L	U
FGW003 C	North	LAZ	10/26/2009	IODINE-129	1	-0.0186	pCi/L	U
FNB 12	North	LAZ	2/27/2009	IODINE-129	1	-0.194	pCi/L	U
FNB 15	**North**	**LAZ**	**2/27/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**14.5**	**mg/L**	
FGW003 C	**North**	**LAZ**	**2/23/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**13.3**	**mg/L**	
FNB 15	**North**	**LAZ**	**10/19/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**12.4**	**mg/L**	
FGW003 C	**North**	**LAZ**	**10/26/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**10.9**	**mg/L**	
FNB 13	North	LAZ	10/19/2009	NITRATE-NITRITE AS NITROGEN	10	9.77	mg/L	
FNB 13	North	LAZ	2/27/2009	NITRATE-NITRITE AS NITROGEN	10	9.1	mg/L	
FNB 2	North	LAZ	2/24/2009	NITRATE-NITRITE AS NITROGEN	10	6.47	mg/L	
FNB 5	North	LAZ	2/27/2009	NITRATE-NITRITE AS NITROGEN	10	6.38	mg/L	
FNB 5	North	LAZ	10/20/2009	NITRATE-NITRITE AS NITROGEN	10	6.34	mg/L	
UTR-016	North	Seepline	10/29/2009	NITRATE-NITRITE AS NITROGEN	10	6.25	mg/L	
FNB 2	North	LAZ	10/26/2009	NITRATE-NITRITE AS NITROGEN	10	5.87	mg/L	
UTR-016	North	Seepline	3/2/2009	NITRATE-NITRITE AS NITROGEN	10	4.05	mg/L	
FNB 3	North	LAZ	10/20/2009	NITRATE-NITRITE AS NITROGEN	10	2.48	mg/L	
FNB 3	North	LAZ	2/24/2009	NITRATE-NITRITE AS NITROGEN	10	2.4	mg/L	
UTR 6	North	Seepline	10/29/2009	NITRATE-NITRITE AS NITROGEN	10	1.3	mg/L	J
UTR 6	North	Seepline	3/2/2009	NITRATE-NITRITE AS NITROGEN	10	0.397	mg/L	
FNB 12	North	LAZ	10/20/2009	NITRATE-NITRITE AS NITROGEN	10	0.324	mg/L	
UTR 7	North	Seepline	3/2/2009	NITRATE-NITRITE AS NITROGEN	10	0.25	mg/L	U
FNB 12	North	LAZ	2/27/2009	NITRATE-NITRITE AS NITROGEN	10	0.186	mg/L	J
UTR 7	North	Seepline	10/29/2009	NITRATE-NITRITE AS NITROGEN	10	0.069	mg/L	J

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FNB 2	**North**	**LAZ**	**2/24/2009**	**NONVOLATILE BETA**	**50**	**84**	**pCi/L**	
FNB 2	**North**	**LAZ**	**10/26/2009**	**NONVOLATILE BETA**	**50**	**75.4**	**pCi/L**	
FNB 13	North	LAZ	10/19/2009	NONVOLATILE BETA	50	42.2	pCi/L	
FNB 15	North	LAZ	2/27/2009	NONVOLATILE BETA	50	42.2	pCi/L	
FNB 15	North	LAZ	10/19/2009	NONVOLATILE BETA	50	37	pCi/L	
FNB 13	North	LAZ	2/27/2009	NONVOLATILE BETA	50	31	pCi/L	
UTR-016	North	Seepline	10/29/2009	NONVOLATILE BETA	50	23.1	pCi/L	
FNB 5	North	LAZ	10/20/2009	NONVOLATILE BETA	50	14.2	pCi/L	J
UTR-016	North	Seepline	3/2/2009	NONVOLATILE BETA	50	13.6	pCi/L	J
FNB 5	North	LAZ	2/27/2009	NONVOLATILE BETA	50	11.8	pCi/L	
FGW003 C	North	LAZ	10/26/2009	NONVOLATILE BETA	50	11.2	pCi/L	
UTR 6	North	Seepline	3/2/2009	NONVOLATILE BETA	50	9.46	pCi/L	J
FGW003 C	North	LAZ	2/23/2009	NONVOLATILE BETA	50	6.83	pCi/L	J
FNB 3	North	LAZ	10/20/2009	NONVOLATILE BETA	50	5.79	pCi/L	J
UTR 6	North	Seepline	10/29/2009	NONVOLATILE BETA	50	4.63	pCi/L	J
FNB 3	North	LAZ	2/24/2009	NONVOLATILE BETA	50	4.07	pCi/L	J
UTR 7	North	Seepline	3/2/2009	NONVOLATILE BETA	50	0.733	pCi/L	U
FNB 12	North	LAZ	10/20/2009	NONVOLATILE BETA	50	0.39	pCi/L	U
FNB 12	North	LAZ	2/27/2009	NONVOLATILE BETA	50	0.331	pCi/L	U
UTR 7	North	Seepline	10/29/2009	NONVOLATILE BETA	50	-1.23	pCi/L	U
FNB 2	**North**	**LAZ**	**2/24/2009**	**STRONTIUM-90**	**8**	**34.3**	**pCi/L**	
FNB 2	**North**	**LAZ**	**10/26/2009**	**STRONTIUM-90**	**8**	**33.2**	**pCi/L**	
FNB 13	**North**	**LAZ**	**10/19/2009**	**STRONTIUM-90**	**8**	**18.4**	**pCi/L**	
FNB 13	**North**	**LAZ**	**2/27/2009**	**STRONTIUM-90**	**8**	**14.2**	**pCi/L**	
UTR-016	**North**	**e**	**10/29/2009**	**STRONTIUM-90**	**8**	**9.07**	**pCi/L**	
FNB 15	North	LAZ	10/19/2009	STRONTIUM-90	8	9.05	pCi/L	
FNB 5	North	LAZ	10/20/2009	STRONTIUM-90	8	6.69	pCi/L	J
FNB 15	North	LAZ	2/27/2009	STRONTIUM-90	8	5.72	pCi/L	J
UTR-016	North	Seepline	3/2/2009	STRONTIUM-90	8	5	pCi/L	J
FNB 5	North	LAZ	2/27/2009	STRONTIUM-90	8	4.32	pCi/L	J
FNB 3	North	LAZ	2/24/2009	STRONTIUM-90	8	2.69	pCi/L	U
UTR 6	North	Seepline	3/2/2009	STRONTIUM-90	8	1.47	pCi/L	U
FOU	North	Water	3/5/2009	STRONTIUM-90	8	1.21	pCi/L	U
FGW003 C	North	LAZ	10/26/2009	STRONTIUM-90	8	1.19	pCi/L	U
FNB 12	North	LAZ	2/27/2009	STRONTIUM-90	8	0.712	pCi/L	U
UTR 7	North	Seepline	10/29/2009	STRONTIUM-90	8	0.697	pCi/L	U
FGW003 C	North	LAZ	2/23/2009	STRONTIUM-90	8	0.453	pCi/L	U
UTR 6	North	Seepline	10/29/2009	STRONTIUM-90	8	-0.0288	pCi/L	U
FNB 3	North	LAZ	10/20/2009	STRONTIUM-90	8	-0.306	pCi/L	U
FNB 12	North	LAZ	10/20/2009	STRONTIUM-90	8	-0.334	pCi/L	U
UTR 7	North	Seepline	3/2/2009	STRONTIUM-90	8	-0.537	pCi/L	U
UTR 6	North	Seepline	3/2/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FGW003 C	**North**	**LAZ**	**10/26/2009**	**TRICHLOROETHYLENE (TCE)**	**5**	**42.2**	**ug/L**	
FGW003 C	**North**	**LAZ**	**2/23/2009**	**TRICHLOROETHYLENE (TCE)**	**5**	**32**	**ug/L**	
FNB 13	**North**	**LAZ**	**2/27/2009**	**TRICHLOROETHYLENE (TCE)**	**5**	**20.2**	**ug/L**	
FNB 15	**North**	**LAZ**	**2/27/2009**	**TRICHLOROETHYLENE (TCE)**	**5**	**15.8**	**ug/L**	
FNB 13	**North**	**LAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**5**	**11**	**ug/L**	
FNB 15	**North**	**LAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**5**	**9.61**	**ug/L**	
UTR-016	North	Seepline	3/2/2009	TRICHLOROETHYLENE (TCE)	5	1.1	ug/L	
FNB 2	North	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FNB 2	North	LAZ	10/26/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FNB 3	North	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FNB 3	North	LAZ	10/20/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FNB 5	North	LAZ	10/20/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FNB 12	North	LAZ	2/27/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FNB 12	North	LAZ	10/20/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TRICHLOROETHYLENE (TCE)	5	0.741	ug/L	J
UTR 6	North	Seepline	10/29/2009	TRICHLOROETHYLENE (TCE)	5	0.476	ug/L	J
FNB 5	North	LAZ	2/27/2009	TRICHLOROETHYLENE (TCE)	5	0.33	ug/L	J
UTR 6	North	Seepline	3/2/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
FNB 15	**North**	**LAZ**	**2/27/2009**	**TRITIUM**	**20**	**61.3**	**pCi/mL**	
FNB 15	**North**	**LAZ**	**10/19/2009**	**TRITIUM**	**20**	**54.1**	**pCi/mL**	
FNB 13	**North**	**LAZ**	**2/27/2009**	**TRITIUM**	**20**	**45.1**	**pCi/mL**	
FNB 13	**North**	**LAZ**	**10/19/2009**	**TRITIUM**	**20**	**41.1**	**pCi/mL**	
UTR-016	**North**	**e**	**10/29/2009**	**TRITIUM**	**20**	**21.7**	**pCi/mL**	
FGW003 C	North	LAZ	10/26/2009	TRITIUM	20	19.9	pCi/mL	
UTR 6	North	Seepline	10/29/2009	TRITIUM	20	19.7	pCi/mL	
FGW003 C	North	LAZ	2/23/2009	TRITIUM	20	18.2	pCi/mL	
FNB 5	North	LAZ	2/27/2009	TRITIUM	20	17.5	pCi/mL	
UTR-016	North	Seepline	3/2/2009	TRITIUM	20	17.5	pCi/mL	
FNB 5	North	LAZ	10/20/2009	TRITIUM	20	14.9	pCi/mL	
FNB 2	North	LAZ	2/24/2009	TRITIUM	20	13	pCi/mL	
FNB 2	North	LAZ	10/26/2009	TRITIUM	20	10.4	pCi/mL	
UTR 6	North	Seepline	3/2/2009	TRITIUM	20	4.75	pCi/mL	
FNB 3	North	LAZ	2/24/2009	TRITIUM	20	4.29	pCi/mL	
FNB 3	North	LAZ	10/20/2009	TRITIUM	20	4.02	pCi/mL	
UTR 7	North	Seepline	10/29/2009	TRITIUM	20	2.64	pCi/mL	
UTR 7	North	Seepline	3/2/2009	TRITIUM	20	1.84	pCi/mL	
FNB 12	North	LAZ	2/27/2009	TRITIUM	20	0.765	pCi/mL	J
FNB 12	North	LAZ	10/20/2009	TRITIUM	20	0.708	pCi/mL	J

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FSL 6D	South	UAZ	2/11/2009	GROSS ALPHA	15	14.5	pCi/L	
FSL 7D	South	UAZ	8/4/2009	GROSS ALPHA	15	12.5	pCi/L	
FSL 7D	South	UAZ	10/28/2009	GROSS ALPHA	15	12.2	pCi/L	
FSL 7D	South	UAZ	4/22/2009	GROSS ALPHA	15	12	pCi/L	J
FSL 7D	South	UAZ	2/2/2009	GROSS ALPHA	15	9.75	pCi/L	J
FSL 6D	South	UAZ	11/6/2009	GROSS ALPHA	15	7.48	pCi/L	J
BRR 1D	South	UAZ	2/23/2009	GROSS ALPHA	15	7	pCi/L	J
FSL 6D	South	UAZ	8/10/2009	GROSS ALPHA	15	6.28	pCi/L	J
FGW012 D	South	UAZ	10/26/2009	GROSS ALPHA	15	6.08	pCi/L	J
FSL 6D	South	UAZ	5/5/2009	GROSS ALPHA	15	3.54	pCi/L	J
FSL 5D	South	UAZ	8/4/2009	GROSS ALPHA	15	3.41	pCi/L	J
BRR 1D	South	UAZ	10/21/2009	GROSS ALPHA	15	2.75	pCi/L	J
FSL 11C	South	LAZ	9/9/2009	GROSS ALPHA	15	2.73	pCi/L	J
FGW012 C	South	LAZ	2/23/2009	GROSS ALPHA	15	2.6	pCi/L	U
FSL 5D	South	UAZ	10/23/2009	GROSS ALPHA	15	2.3	pCi/L	U
FGW012 C	South	LAZ	10/26/2009	GROSS ALPHA	15	2.02	pCi/L	J
BRR 7C	South	LAZ	10/19/2009	GROSS ALPHA	15	1.9	pCi/L	U
FSL 11C	South	LAZ	11/12/2009	GROSS ALPHA	15	1.87	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	GROSS ALPHA	15	1.86	pCi/L	U
FGW012 D	South	UAZ	2/24/2009	GROSS ALPHA	15	1.83	pCi/L	J
FSL 11C	South	LAZ	8/5/2009	GROSS ALPHA	15	1.77	pCi/L	U
FSL 5D	South	UAZ	2/2/2009	GROSS ALPHA	15	1.58	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	GROSS ALPHA	15	1.57	pCi/L	U
FTF 28	South	LAZ	2/24/2009	GROSS ALPHA	15	1.57	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	GROSS ALPHA	15	1.43	pCi/L	U
BRR 7C	South	LAZ	2/23/2009	GROSS ALPHA	15	1.4	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	GROSS ALPHA	15	1.2	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	GROSS ALPHA	15	1.07	pCi/L	U
FSB 76C	South	LAZ	4/20/2009	GROSS ALPHA	15	0.957	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	GROSS ALPHA	15	0.92	pCi/L	U
FTF 28	South	LAZ	9/9/2009	GROSS ALPHA	15	0.652	pCi/L	U
FSL 5D	South	UAZ	4/22/2009	GROSS ALPHA	15	0.638	pCi/L	U
BRR 6C	South	LAZ	10/19/2009	GROSS ALPHA	15	0.526	pCi/L	U
FSB 76C	South	LAZ	10/20/2009	GROSS ALPHA	15	0.322	pCi/L	U
FTF 28	South	LAZ	10/26/2009	GROSS ALPHA	15	0.217	pCi/L	U
FSL 11C	South	LAZ	4/22/2009	GROSS ALPHA	15	0.141	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	GROSS ALPHA	15	0.0961	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	GROSS ALPHA	15	0.065	pCi/L	U
FSL 6D	**South**	**UAZ**	**8/10/2009**	**IODINE-129**	**1**	**67**	**pCi/L**	
FSL 6D	**South**	**UAZ**	**2/11/2009**	**IODINE-129**	**1**	**43.2**	**pCi/L**	
FSL 5D	South	UAZ	2/2/2009	IODINE-129	1	0.964	pCi/L	U
FSL 7D	South	UAZ	2/2/2009	IODINE-129	1	0.609	pCi/L	U
FSL 5D	South	UAZ	8/4/2009	IODINE-129	1	0.376	pCi/L	U
BRR 7C	South	LAZ	10/19/2009	IODINE-129	1	0.335	pCi/L	U
FSL 7D	South	UAZ	8/4/2009	IODINE-129	1	0.293	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	IODINE-129	1	0.258	pCi/L	U
FTF 28	South	LAZ	2/24/2009	IODINE-129	1	0.236	pCi/L	U
FSL 11C	South	LAZ	8/5/2009	IODINE-129	1	0.174	pCi/L	U
FGW012 C	South	LAZ	10/26/2009	IODINE-129	1	0.172	pCi/L	U
BRR 1D	South	UAZ	2/23/2009	IODINE-129	1	0.168	pCi/L	U
FGW012 D	South	UAZ	10/26/2009	IODINE-129	1	0.1	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	IODINE-129	1	0.0968	pCi/L	U
BRR 6C	South	LAZ	10/19/2009	IODINE-129	1	0.0758	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	IODINE-129	1	-0.0169	pCi/L	U
FTF 28	South	LAZ	10/26/2009	IODINE-129	1	-0.049	pCi/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
BRR 7C	South	LAZ	2/23/2009	IODINE-129	1	-0.0521	pCi/L	U
BRR 1D	South	UAZ	10/21/2009	IODINE-129	1	-0.0798	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	IODINE-129	1	-0.123	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	IODINE-129	1	-0.188	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	IODINE-129	1	-0.207	pCi/L	U
FGW012 C	South	LAZ	2/23/2009	IODINE-129	1	-0.231	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	IODINE-129	1	-0.515	pCi/L	U
FGW012 D	South	UAZ	2/24/2009	IODINE-129	1	-0.525	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	IODINE-129	1	-0.674	pCi/L	U
FSL 7D	**South**	**UAZ**	**4/22/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**11.4**	**mg/L**	
FSL 7D	**South**	**UAZ**	**2/2/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**10.7**	**mg/L**	
FSL 7D	South	UAZ	10/28/2009	NITRATE-NITRITE AS NITROGEN	10	9.75	mg/L	
FSL 7D	South	UAZ	8/4/2009	NITRATE-NITRITE AS NITROGEN	10	9.25	mg/L	
FSL 6D	South	UAZ	5/5/2009	NITRATE-NITRITE AS NITROGEN	10	4.93	mg/L	
FSL 6D	South	UAZ	11/6/2009	NITRATE-NITRITE AS NITROGEN	10	4.36	mg/L	
BRR 7C	South	LAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	3.64	mg/L	
FSL 5D	South	UAZ	10/23/2009	NITRATE-NITRITE AS NITROGEN	10	3.55	mg/L	
BRR 7C	South	LAZ	10/19/2009	NITRATE-NITRITE AS NITROGEN	10	3.52	mg/L	
FGW012 C	South	LAZ	10/26/2009	NITRATE-NITRITE AS NITROGEN	10	3.45	mg/L	
FSL 5D	South	UAZ	4/22/2009	NITRATE-NITRITE AS NITROGEN	10	3.23	mg/L	
FSL 6D	South	UAZ	2/11/2009	NITRATE-NITRITE AS NITROGEN	10	3.1	mg/L	
FSL 5D	South	UAZ	8/4/2009	NITRATE-NITRITE AS NITROGEN	10	3.06	mg/L	
FSL 5D	South	UAZ	2/2/2009	NITRATE-NITRITE AS NITROGEN	10	2.94	mg/L	
FGW012 C	South	LAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	2.91	mg/L	
FSL 6D	South	UAZ	8/10/2009	NITRATE-NITRITE AS NITROGEN	10	1.95	mg/L	
BRR 1D	South	UAZ	10/21/2009	NITRATE-NITRITE AS NITROGEN	10	1.94	mg/L	
FTF 28	South	LAZ	10/26/2009	NITRATE-NITRITE AS NITROGEN	10	1.83	mg/L	
FGW012 D	South	UAZ	10/26/2009	NITRATE-NITRITE AS NITROGEN	10	1.76	mg/L	
FTF 28	South	LAZ	2/24/2009	NITRATE-NITRITE AS NITROGEN	10	1.71	mg/L	
FTF 28	South	LAZ	9/9/2009	NITRATE-NITRITE AS NITROGEN	10	1.68	mg/L	
FSB 76C	South	LAZ	10/20/2009	NITRATE-NITRITE AS NITROGEN	10	1.65	mg/L	
FGW012 D	South	UAZ	2/24/2009	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L	
FSL 11C	South	LAZ	8/5/2009	NITRATE-NITRITE AS NITROGEN	10	1.59	mg/L	
FSL 11C	South	LAZ	9/9/2009	NITRATE-NITRITE AS NITROGEN	10	1.46	mg/L	
FSL 11C	South	LAZ	11/12/2009	NITRATE-NITRITE AS NITROGEN	10	1.44	mg/L	
FSB 76C	South	LAZ	4/20/2009	NITRATE-NITRITE AS NITROGEN	10	1.42	mg/L	
FSL 11C	South	LAZ	2/3/2009	NITRATE-NITRITE AS NITROGEN	10	1.42	mg/L	
FSL 11C	South	LAZ	4/22/2009	NITRATE-NITRITE AS NITROGEN	10	1.38	mg/L	
FSB 76C	South	LAZ	1/27/2009	NITRATE-NITRITE AS NITROGEN	10	1.35	mg/L	
BRR 1D	South	UAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	1.25	mg/L	
BRR 6C	South	LAZ	10/19/2009	NITRATE-NITRITE AS NITROGEN	10	1.16	mg/L	
BRR 6C	South	LAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	1.14	mg/L	
BRR 5D	South	UAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	1.12	mg/L	
BRR 5D	South	UAZ	10/21/2009	NITRATE-NITRITE AS NITROGEN	10	1.01	mg/L	
BRR 6D	South	UAZ	10/19/2009	NITRATE-NITRITE AS NITROGEN	10	0.52	mg/L	
BRR 6D	South	UAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	0.441	mg/L	
FSB 76C	South	LAZ	7/27/2009	NITRATE-NITRITE AS NITROGEN	10	0.282	mg/L	
FSL 5D	**South**	**UAZ**	**8/4/2009**	**NONVOLATILE BETA**	**50**	**334**	**pCi/L**	
FTF 28	**South**	**LAZ**	**10/26/2009**	**NONVOLATILE BETA**	**50**	**280**	**pCi/L**	
FTF 28	**South**	**LAZ**	**9/9/2009**	**NONVOLATILE BETA**	**50**	**259**	**pCi/L**	
FTF 28	**South**	**LAZ**	**2/24/2009**	**NONVOLATILE BETA**	**50**	**247**	**pCi/L**	
FGW012 C	**South**	**LAZ**	**10/26/2009**	**NONVOLATILE BETA**	**50**	**213**	**pCi/L**	
FSL 5D	**South**	**UAZ**	**2/2/2009**	**NONVOLATILE BETA**	**50**	**192**	**pCi/L**	
FSL 5D	**South**	**UAZ**	**10/23/2009**	**NONVOLATILE BETA**	**50**	**152**	**pCi/L**	
FSL 11C	**South**	**LAZ**	**8/5/2009**	**NONVOLATILE BETA**	**50**	**130**	**pCi/L**	

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FGW012 C	**South**	**LAZ**	**2/23/2009**	**NONVOLATILE BETA**	**50**	**117**	**pCi/L**	
FSL 5D	**South**	**UAZ**	**4/22/2009**	**NONVOLATILE BETA**	**50**	**93.9**	**pCi/L**	
FSL 11C	**South**	**LAZ**	**4/22/2009**	**NONVOLATILE BETA**	**50**	**91.6**	**pCi/L**	
BRR 6C	**South**	**LAZ**	**10/19/2009**	**NONVOLATILE BETA**	**50**	**71.1**	**pCi/L**	
FSL 11C	**South**	**LAZ**	**2/3/2009**	**NONVOLATILE BETA**	**50**	**68.3**	**pCi/L**	
FSL 11C	**South**	**LAZ**	**9/9/2009**	**NONVOLATILE BETA**	**50**	**65.5**	**pCi/L**	
FSL 11C	**South**	**LAZ**	**11/12/2009**	**NONVOLATILE BETA**	**50**	**60.9**	**pCi/L**	
FSL 7D	South	UAZ	10/28/2009	NONVOLATILE BETA	50	32	pCi/L	
FSL 7D	South	UAZ	4/22/2009	NONVOLATILE BETA	50	31.4	pCi/L	
FSL 7D	South	UAZ	8/4/2009	NONVOLATILE BETA	50	25.7	pCi/L	
FSL 7D	South	UAZ	2/2/2009	NONVOLATILE BETA	50	25	pCi/L	
BRR 6C	South	LAZ	2/23/2009	NONVOLATILE BETA	50	24.7	pCi/L	
FSL 6D	South	UAZ	2/11/2009	NONVOLATILE BETA	50	19.1	pCi/L	
BRR 6D	South	UAZ	10/19/2009	NONVOLATILE BETA	50	10.9	pCi/L	J
FSL 6D	South	UAZ	5/5/2009	NONVOLATILE BETA	50	9.81	pCi/L	J
FSL 6D	South	UAZ	11/6/2009	NONVOLATILE BETA	50	7.19	pCi/L	J
BRR 6D	South	UAZ	2/23/2009	NONVOLATILE BETA	50	6.97	pCi/L	J
FSL 6D	South	UAZ	8/10/2009	NONVOLATILE BETA	50	5.44	pCi/L	J
BRR 7C	South	LAZ	10/19/2009	NONVOLATILE BETA	50	4.05	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	NONVOLATILE BETA	50	3.84	pCi/L	J
FGW012 D	South	UAZ	2/24/2009	NONVOLATILE BETA	50	2.33	pCi/L	U
BRR 7C	South	LAZ	2/23/2009	NONVOLATILE BETA	50	2.26	pCi/L	U
FGW012 D	South	UAZ	10/26/2009	NONVOLATILE BETA	50	2.2	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	NONVOLATILE BETA	50	2.01	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	NONVOLATILE BETA	50	2	pCi/L	U
BRR 1D	South	UAZ	2/23/2009	NONVOLATILE BETA	50	1.8	pCi/L	U
BRR 1D	South	UAZ	10/21/2009	NONVOLATILE BETA	50	1.74	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	NONVOLATILE BETA	50	0.862	pCi/L	U
FSB 76C	South	LAZ	10/20/2009	NONVOLATILE BETA	50	-0.115	pCi/L	U
FSB 76C	South	LAZ	4/20/2009	NONVOLATILE BETA	50	-0.176	pCi/L	U
FSL 7D	**South**	**UAZ**	**8/4/2009**	**RADIUM-226**	**5**	**5.01**	**pCi/L**	
FSL 7D	South	UAZ	2/2/2009	RADIUM-226	5	4.73	pCi/L	
FSL 5D	South	UAZ	2/2/2009	RADIUM-226	5	1.89	pCi/L	J
FSL 6D	South	UAZ	2/11/2009	RADIUM-226	5	1.79	pCi/L	J
FGW012 D	South	UAZ	2/24/2009	RADIUM-226	5	1.39	pCi/L	
FSL 6D	South	UAZ	8/10/2009	RADIUM-226	5	1.2	pCi/L	U
FGW012 C	South	LAZ	2/23/2009	RADIUM-226	5	1.16	pCi/L	J
FGW012 D	South	UAZ	10/26/2009	RADIUM-226	5	1.01	pCi/L	J
FGW012 C	South	LAZ	10/26/2009	RADIUM-226	5	0.847	pCi/L	J
FTF 28	South	LAZ	10/26/2009	RADIUM-226	5	0.841	pCi/L	J
BRR 5D	South	UAZ	2/23/2009	RADIUM-226	5	0.799	pCi/L	
BRR 5D	South	UAZ	10/21/2009	RADIUM-226	5	0.737	pCi/L	J
BRR 1D	South	UAZ	10/21/2009	RADIUM-226	5	0.662	pCi/L	J
BRR 1D	South	UAZ	2/23/2009	RADIUM-226	5	0.601	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	RADIUM-226	5	0.537	pCi/L	U
FSL 5D	South	UAZ	8/4/2009	RADIUM-226	5	0.532	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	RADIUM-226	5	0.462	pCi/L	U
FSL 11C	South	LAZ	8/5/2009	RADIUM-226	5	0.456	pCi/L	U
FTF 28	South	LAZ	2/24/2009	RADIUM-226	5	0.341	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	RADIUM-226	5	0.284	pCi/L	U
BRR 7C	South	LAZ	10/19/2009	RADIUM-226	5	0.277	pCi/L	U
BRR 7C	South	LAZ	2/23/2009	RADIUM-226	5	0.249	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	RADIUM-226	5	0.235	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	RADIUM-226	5	0.128	pCi/L	U
BRR 6C	South	LAZ	10/19/2009	RADIUM-226	5	0.0796	pCi/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FSB 76C	South	LAZ	7/27/2009	RADIUM-226	5	0.0371	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	RADIUM-228	5	4.58	pCi/L	
FSL 7D	South	UAZ	8/4/2009	RADIUM-228	5	2.54	pCi/L	J
FSL 7D	South	UAZ	2/2/2009	RADIUM-228	5	1.68	pCi/L	
BRR 6C	South	LAZ	10/19/2009	RADIUM-228	5	1.46	pCi/L	U
FSL 6D	South	UAZ	2/11/2009	RADIUM-228	5	1.37	pCi/L	J
FGW012 D	South	UAZ	10/26/2009	RADIUM-228	5	1.27	pCi/L	U
FSL 5D	South	UAZ	8/4/2009	RADIUM-228	5	0.991	pCi/L	U
FSL 6D	South	UAZ	8/10/2009	RADIUM-228	5	0.931	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	RADIUM-228	5	0.9	pCi/L	U
FSL 11C	South	LAZ	8/5/2009	RADIUM-228	5	0.609	pCi/L	U
FSL 5D	South	UAZ	2/2/2009	RADIUM-228	5	0.562	pCi/L	U
BRR 7C	South	LAZ	10/19/2009	RADIUM-228	5	0.548	pCi/L	U
FGW012 D	South	UAZ	2/24/2009	RADIUM-228	5	0.512	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	RADIUM-228	5	0.488	pCi/L	U
FGW012 C	South	LAZ	10/26/2009	RADIUM-228	5	0.412	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	RADIUM-228	5	0.369	pCi/L	U
BRR 1D	South	UAZ	2/23/2009	RADIUM-228	5	0.355	pCi/L	U
BRR 7C	South	LAZ	2/23/2009	RADIUM-228	5	0.338	pCi/L	U
FTF 28	South	LAZ	10/26/2009	RADIUM-228	5	0.31	pCi/L	U
FGW012 C	South	LAZ	2/23/2009	RADIUM-228	5	0.306	pCi/L	U
BRR 1D	South	UAZ	10/21/2009	RADIUM-228	5	0.271	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	RADIUM-228	5	0.221	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	RADIUM-228	5	0.214	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	RADIUM-228	5	0.183	pCi/L	U
FTF 28	South	LAZ	2/24/2009	RADIUM-228	5	-0.299	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	RADIUM-228	5	-0.343	pCi/L	U
FSL 7D	**South**	**UAZ**	**8/4/2009**	**STRONTIUM-90**	**8**	**15.5**	**pCi/L**	**U**
FSL 7D	**South**	**UAZ**	**2/2/2009**	**STRONTIUM-90**	**8**	**11.8**	**pCi/L**	
FSL 6D	South	UAZ	8/10/2009	STRONTIUM-90	8	5.42	pCi/L	U
FSL 11C	South	LAZ	8/5/2009	STRONTIUM-90	8	3.82	pCi/L	U
FSL 6D	South	UAZ	2/11/2009	STRONTIUM-90	8	3.29	pCi/L	U
FSL 5D	South	UAZ	2/2/2009	STRONTIUM-90	8	3.11	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	STRONTIUM-90	8	2.32	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	STRONTIUM-90	8	1.91	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	STRONTIUM-90	8	1.61	pCi/L	U
FTF 28	South	LAZ	10/26/2009	STRONTIUM-90	8	1.39	pCi/L	U
BRR 7C	South	LAZ	2/23/2009	STRONTIUM-90	8	1.01	pCi/L	U
FTF 28	South	LAZ	2/24/2009	STRONTIUM-90	8	0.831	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	STRONTIUM-90	8	0.691	pCi/L	U
FGW012 D	South	UAZ	2/24/2009	STRONTIUM-90	8	0.646	pCi/L	U
BRR 1D	South	UAZ	10/21/2009	STRONTIUM-90	8	0.624	pCi/L	U
BRR 1D	South	UAZ	2/23/2009	STRONTIUM-90	8	0.457	pCi/L	U
FGW012 C	South	LAZ	2/23/2009	STRONTIUM-90	8	0.442	pCi/L	U
FGW012 C	South	LAZ	10/26/2009	STRONTIUM-90	8	0.202	pCi/L	U
FSL 5D	South	UAZ	8/4/2009	STRONTIUM-90	8	0.199	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	STRONTIUM-90	8	0.0461	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	STRONTIUM-90	8	-0.1	pCi/L	U
BRR 6C	South	LAZ	10/19/2009	STRONTIUM-90	8	-0.39	pCi/L	U
FGW012 D	South	UAZ	10/26/2009	STRONTIUM-90	8	-0.444	pCi/L	U
BRR 7C	South	LAZ	10/19/2009	STRONTIUM-90	8	-1.05	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	STRONTIUM-90	8	-1.26	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	STRONTIUM-90	8	-1.27	pCi/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
BRR 7C	**South**	**LAZ**	**2/23/2009**	**TRITIUM**	**20**	**26.9**	**pCi/mL**	
FSL 6D	**South**	**UAZ**	**11/6/2009**	**TRITIUM**	**20**	**24.1**	**pCi/mL**	
BRR 7C	**South**	**LAZ**	**10/19/2009**	**TRITIUM**	**20**	**24**	**pCi/mL**	
FSL 6D	**South**	**UAZ**	**5/5/2009**	**TRITIUM**	**20**	**22.3**	**pCi/mL**	
FGW012 C	South	LAZ	10/26/2009	TRITIUM	20	17.2	pCi/mL	
FGW012 C	South	LAZ	2/23/2009	TRITIUM	20	16.1	pCi/mL	
FSL 6D	South	UAZ	8/10/2009	TRITIUM	20	14.9	pCi/mL	
FSL 7D	South	UAZ	2/2/2009	TRITIUM	20	10	pCi/mL	
FSL 7D	South	UAZ	10/28/2009	TRITIUM	20	9.18	pCi/mL	
FSL 7D	South	UAZ	4/22/2009	TRITIUM	20	8	pCi/mL	
FSL 7D	South	UAZ	8/4/2009	TRITIUM	20	7.44	pCi/mL	
FSL 6D	South	UAZ	2/11/2009	TRITIUM	20	7.13	pCi/mL	
FSL 5D	South	UAZ	2/2/2009	TRITIUM	20	6.43	pCi/mL	
BRR 1D	South	UAZ	10/21/2009	TRITIUM	20	6.3	pCi/mL	
FSL 5D	South	UAZ	10/23/2009	TRITIUM	20	5.67	pCi/mL	
FSL 5D	South	UAZ	4/22/2009	TRITIUM	20	4.92	pCi/mL	
FGW012 D	South	UAZ	2/24/2009	TRITIUM	20	4.77	pCi/mL	
FSL 5D	South	UAZ	8/4/2009	TRITIUM	20	4.54	pCi/mL	
BRR 1D	South	UAZ	2/23/2009	TRITIUM	20	4.12	pCi/mL	
FGW012 D	South	UAZ	10/26/2009	TRITIUM	20	4.04	pCi/mL	
BRR 6C	South	LAZ	10/19/2009	TRITIUM	20	3	pCi/mL	
BRR 5D	South	UAZ	2/23/2009	TRITIUM	20	2.99	pCi/mL	
BRR 6C	South	LAZ	2/23/2009	TRITIUM	20	2.98	pCi/mL	
BRR 5D	South	UAZ	10/21/2009	TRITIUM	20	2.95	pCi/mL	
FTF 28	South	LAZ	2/24/2009	TRITIUM	20	2.69	pCi/mL	
FSL 11C	South	LAZ	9/9/2009	TRITIUM	20	2.44	pCi/mL	
FTF 28	South	LAZ	9/9/2009	TRITIUM	20	2.43	pCi/mL	
FSL 11C	South	LAZ	2/3/2009	TRITIUM	20	2.35	pCi/mL	
FSL 11C	South	LAZ	8/5/2009	TRITIUM	20	2.3	pCi/mL	
FSL 11C	South	LAZ	11/12/2009	TRITIUM	20	2.28	pCi/mL	
FTF 28	South	LAZ	10/26/2009	TRITIUM	20	2.25	pCi/mL	
FSL 11C	South	LAZ	4/22/2009	TRITIUM	20	2.22	pCi/mL	
FSB 76C	South	LAZ	4/20/2009	TRITIUM	20	1.83	pCi/mL	
FSB 76C	South	LAZ	1/27/2009	TRITIUM	20	1.7	pCi/mL	
FSB 76C	South	LAZ	7/27/2009	TRITIUM	20	1.7	pCi/mL	
FSB 76C	South	LAZ	10/20/2009	TRITIUM	20	1.62	pCi/mL	
BRR 6D	South	UAZ	10/19/2009	TRITIUM	20	0.522	pCi/mL	J
BRR 6D	South	UAZ	2/23/2009	TRITIUM	20	0.44	pCi/mL	U
FSL 6D	South	UAZ	2/11/2009	URANIUM-233/234	15	2.95	pCi/L	
FSL 5D	South	UAZ	8/4/2009	URANIUM-233/234	15	0.181	pCi/L	U
BRR 7C	South	LAZ	10/19/2009	URANIUM-233/234	15	0.128	pCi/L	J
FSL 6D	South	UAZ	8/10/2009	URANIUM-233/234	15	0.116	pCi/L	U
FSL 5D	South	UAZ	2/2/2009	URANIUM-233/234	15	0.111	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	URANIUM-233/234	15	0.0971	pCi/L	U
FSL 7D	South	UAZ	2/2/2009	URANIUM-233/234	15	0.0939	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	URANIUM-233/234	15	0.0625	pCi/L	U
FSL 11C	South	LAZ	8/5/2009	URANIUM-233/234	15	0.05	pCi/L	U
FGW012 C	South	LAZ	10/26/2009	URANIUM-233/234	15	0.0422	pCi/L	U
FGW012 D	South	UAZ	10/26/2009	URANIUM-233/234	15	0.0344	pCi/L	U
BRR 6C	South	LAZ	10/19/2009	URANIUM-233/234	15	0.0223	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	URANIUM-233/234	15	0.0155	pCi/L	U
FSL 7D	South	UAZ	8/4/2009	URANIUM-233/234	15	0.0123	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	URANIUM-233/234	15	0.00617	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	URANIUM-233/234	15	0.00478	pCi/L	U
BRR 1D	South	UAZ	10/21/2009	URANIUM-233/234	15	0	pCi/L	U
FTF 28	South	LAZ	10/26/2009	URANIUM-233/234	15	-0.00564	pCi/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
BRR 1D	South	UAZ	2/23/2009	URANIUM-233/234	15	-0.00998	pCi/L	U
BRR 7C	South	LAZ	2/23/2009	URANIUM-233/234	15	-0.0112	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	URANIUM-233/234	15	-0.0154	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	URANIUM-233/234	15	-0.0187	pCi/L	U
FGW012 D	South	UAZ	2/24/2009	URANIUM-233/234	15	-0.0456	pCi/L	U
FGW012 C	South	LAZ	2/23/2009	URANIUM-233/234	15	-0.0843	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	URANIUM-233/234	15	-0.122	pCi/L	U
FTF 28	South	LAZ	2/24/2009	URANIUM-233/234	15	-0.158	pCi/L	U
FSL 6D	South	UAZ	2/11/2009	URANIUM-238	15	4.07	pCi/L	
BRR 7C	South	LAZ	2/23/2009	URANIUM-238	15	0.182	pCi/L	U
FTF 28	South	LAZ	2/24/2009	URANIUM-238	15	0.179	pCi/L	U
FGW012 C	South	LAZ	2/23/2009	URANIUM-238	15	0.155	pCi/L	U
FSL 6D	South	UAZ	8/10/2009	URANIUM-238	15	0.149	pCi/L	U
BRR 1D	South	UAZ	2/23/2009	URANIUM-238	15	0.0906	pCi/L	U
BRR 1D	South	UAZ	10/21/2009	URANIUM-238	15	0.0673	pCi/L	U
BRR 7C	South	LAZ	10/19/2009	URANIUM-238	15	0.0638	pCi/L	U
BRR 5D	South	UAZ	2/23/2009	URANIUM-238	15	0.0589	pCi/L	U
FSL 5D	South	UAZ	2/2/2009	URANIUM-238	15	0.0512	pCi/L	U
FSB 76C	South	LAZ	7/27/2009	URANIUM-238	15	0.0497	pCi/L	U
FTF 28	South	LAZ	10/26/2009	URANIUM-238	15	0.0394	pCi/L	U
FGW012 D	South	UAZ	2/24/2009	URANIUM-238	15	0.0385	pCi/L	U
FGW012 D	South	UAZ	10/26/2009	URANIUM-238	15	0.0343	pCi/L	U
BRR 6D	South	UAZ	10/19/2009	URANIUM-238	15	0.0307	pCi/L	U
FSB 76C	South	LAZ	1/27/2009	URANIUM-238	15	0.0244	pCi/L	U
BRR 5D	South	UAZ	10/21/2009	URANIUM-238	15	0.0185	pCi/L	U
BRR 6C	South	LAZ	10/19/2009	URANIUM-238	15	0.0111	pCi/L	U
FGW012 C	South	LAZ	10/26/2009	URANIUM-238	15	0	pCi/L	U
FSL 7D	South	UAZ	2/2/2009	URANIUM-238	15	-0.00784	pCi/L	U
FSL 11C	South	LAZ	2/3/2009	URANIUM-238	15	-0.00833	pCi/L	U
FSL 5D	South	UAZ	8/4/2009	URANIUM-238	15	-0.0183	pCi/L	U
FSL 11C	South	LAZ	8/5/2009	URANIUM-238	15	-0.0192	pCi/L	U
BRR 6D	South	UAZ	2/23/2009	URANIUM-238	15	-0.0233	pCi/L	U
BRR 6C	South	LAZ	2/23/2009	URANIUM-238	15	-0.0383	pCi/L	U
FSL 7D	South	UAZ	8/4/2009	URANIUM-238	15	-0.12	pCi/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FGW005 C	**West**	**LAZ**	**10/26/2009**	**GROSS ALPHA**	**15**	**1210**	**pCi/L**	
FGW005 C	**West**	**LAZ**	**2/23/2009**	**GROSS ALPHA**	**15**	**1130**	**pCi/L**	
FGW022C	**West**	**LAZ**	**10/26/2009**	**GROSS ALPHA**	**15**	**582**	**pCi/L**	
FGW022C	**West**	**LAZ**	**2/24/2009**	**GROSS ALPHA**	**15**	**469**	**pCi/L**	
FBP 12D	West	UAZ	2/24/2009	GROSS ALPHA	15	11.1	pCi/L	J
FBP 12D	West	UAZ	10/26/2009	GROSS ALPHA	15	9.42	pCi/L	J
FBP 1A	West	LAZ	2/23/2009	GROSS ALPHA	15	7.33	pCi/L	J
FBP 2A	West	LAZ	10/19/2009	GROSS ALPHA	15	5.68	pCi/L	J
FBP 2A	West	LAZ	2/24/2009	GROSS ALPHA	15	5.03	pCi/L	J
FBP 1A	West	LAZ	10/21/2009	GROSS ALPHA	15	4.79	pCi/L	J
FBP 13D	West	UAZ	10/22/2009	GROSS ALPHA	15	4.42	pCi/L	J
FBP 13D	West	UAZ	2/24/2009	GROSS ALPHA	15	3.48	pCi/L	J
FBP 6D	West	UAZ	10/19/2009	GROSS ALPHA	15	3.31	pCi/L	J
FSL 2D	West	UAZ	4/21/2009	GROSS ALPHA	15	2.32	pCi/L	U
UTR018R	West	Seepline	2/27/2009	GROSS ALPHA	15	2.3	pCi/L	J
FBP 43C	West	LAZ	10/22/2009	GROSS ALPHA	15	2.25	pCi/L	U
FBP 43DL	West	UAZ	10/22/2009	GROSS ALPHA	15	2.18	pCi/L	U
FBP 6D	West	UAZ	2/23/2009	GROSS ALPHA	15	1.87	pCi/L	U
FSL 2D	West	UAZ	2/3/2009	GROSS ALPHA	15	1.52	pCi/L	J
FBP 10D	West	UAZ	2/23/2009	GROSS ALPHA	15	1.51	pCi/L	U
FBP 43DL	West	UAZ	2/24/2009	GROSS ALPHA	15	1.23	pCi/L	U
FBP 43C	West	LAZ	2/24/2009	GROSS ALPHA	15	1.16	pCi/L	U
FGW019C	West	LAZ	10/27/2009	GROSS ALPHA	15	0.972	pCi/L	U
FSL 2D	West	UAZ	10/22/2009	GROSS ALPHA	15	0.773	pCi/L	U
FSL 2D	West	UAZ	8/3/2009	GROSS ALPHA	15	0.645	pCi/L	U
FGW019C	West	LAZ	2/24/2009	GROSS ALPHA	15	0.598	pCi/L	U
FBP 10D	West	UAZ	10/19/2009	GROSS ALPHA	15	-0.397	pCi/L	U
FGW022C	**West**	**LAZ**	**2/24/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**77.5**	**mg/L**	
FGW022C	**West**	**LAZ**	**10/26/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**67.5**	**mg/L**	
FGW005 C	**West**	**LAZ**	**2/23/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**36.9**	**mg/L**	
FGW005 C	**West**	**LAZ**	**10/26/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**34.9**	**mg/L**	
FBP 43DL	**West**	**UAZ**	**10/22/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**33.6**	**mg/L**	
FBP 43DL	**West**	**UAZ**	**2/24/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**31.3**	**mg/L**	
FBP 12D	**West**	**UAZ**	**2/24/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**27.6**	**mg/L**	
FBP 12D	**West**	**UAZ**	**10/26/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**25.8**	**mg/L**	
FBP 10D	**West**	**UAZ**	**2/23/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**16.5**	**mg/L**	
FBP 2A	**West**	**LAZ**	**2/24/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**14.6**	**mg/L**	
FBP 10D	**West**	**UAZ**	**10/19/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**14.4**	**mg/L**	
FBP 2A	**West**	**LAZ**	**10/19/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**13.9**	**mg/L**	
FBP 43C	**West**	**LAZ**	**10/22/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**12.6**	**mg/L**	
FBP 43C	**West**	**LAZ**	**2/24/2009**	**NITRATE-NITRITE AS NITROGEN**	**10**	**12.1**	**mg/L**	
FBP 6D	West	UAZ	10/19/2009	NITRATE-NITRITE AS NITROGEN	10	8.6	mg/L	
FBP 6D	West	UAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	7.55	mg/L	
FBP 1A	West	LAZ	10/21/2009	NITRATE-NITRITE AS NITROGEN	10	6.75	mg/L	
FBP 1A	West	LAZ	2/23/2009	NITRATE-NITRITE AS NITROGEN	10	6.34	mg/L	
FBP 13D	West	UAZ	10/22/2009	NITRATE-NITRITE AS NITROGEN	10	2.93	mg/L	
FBP 13D	West	UAZ	2/24/2009	NITRATE-NITRITE AS NITROGEN	10	2.69	mg/L	
FSL 2D	West	UAZ	10/22/2009	NITRATE-NITRITE AS NITROGEN	10	1.52	mg/L	
FSL 2D	West	UAZ	2/3/2009	NITRATE-NITRITE AS NITROGEN	10	1.49	mg/L	
FSL 2D	West	UAZ	4/21/2009	NITRATE-NITRITE AS NITROGEN	10	1.38	mg/L	
FSL 2D	West	UAZ	8/3/2009	NITRATE-NITRITE AS NITROGEN	10	1.3	mg/L	
UTR018R	West	Seepline	2/27/2009	NITRATE-NITRITE AS NITROGEN	10	0.218	mg/L	J
FGW019C	West	LAZ	10/27/2009	NITRATE-NITRITE AS NITROGEN	10	0.101	mg/L	J
FGW019C	West	LAZ	2/24/2009	NITRATE-NITRITE AS NITROGEN	10	0.05	mg/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FGW005 C	**West**	**LAZ**	**10/26/2009**	**NONVOLATILE BETA**	**50**	**309**	**pCi/L**	
FGW022C	**West**	**LAZ**	**10/26/2009**	**NONVOLATILE BETA**	**50**	**219**	**pCi/L**	
FBP 43DL	**West**	**UAZ**	**10/22/2009**	**NONVOLATILE BETA**	**50**	**190**	**pCi/L**	
FGW022C	**West**	**LAZ**	**2/24/2009**	**NONVOLATILE BETA**	**50**	**169**	**pCi/L**	
FBP 12D	**West**	**UAZ**	**10/26/2009**	**NONVOLATILE BETA**	**50**	**70.6**	**pCi/L**	
FGW005 C	**West**	**LAZ**	**2/23/2009**	**NONVOLATILE BETA**	**50**	**66.9**	**pCi/L**	**J**
FBP 12D	**West**	**UAZ**	**2/24/2009**	**NONVOLATILE BETA**	**50**	**56.6**	**pCi/L**	
FBP 43C	**West**	**LAZ**	**10/22/2009**	**NONVOLATILE BETA**	**50**	**50.8**	**pCi/L**	
FBP 43DL	West	UAZ	2/24/2009	NONVOLATILE BETA	50	45	pCi/L	
FBP 2A	West	LAZ	10/19/2009	NONVOLATILE BETA	50	37.6	pCi/L	
FBP 2A	West	LAZ	2/24/2009	NONVOLATILE BETA	50	35.4	pCi/L	
FBP 6D	West	UAZ	10/19/2009	NONVOLATILE BETA	50	27.6	pCi/L	
FBP 43C	West	LAZ	2/24/2009	NONVOLATILE BETA	50	27.2	pCi/L	
FBP 10D	West	UAZ	2/23/2009	NONVOLATILE BETA	50	22.5	pCi/L	
FBP 10D	West	UAZ	10/19/2009	NONVOLATILE BETA	50	20.9	pCi/L	
FBP 1A	West	LAZ	10/21/2009	NONVOLATILE BETA	50	19	pCi/L	
FBP 6D	West	UAZ	2/23/2009	NONVOLATILE BETA	50	18.9	pCi/L	
FBP 1A	West	LAZ	2/23/2009	NONVOLATILE BETA	50	12.1	pCi/L	J
FBP 13D	West	UAZ	2/24/2009	NONVOLATILE BETA	50	9.51	pCi/L	J
UTR018R	West	Seepline	2/27/2009	NONVOLATILE BETA	50	5.59	pCi/L	J
FBP 13D	West	UAZ	10/22/2009	NONVOLATILE BETA	50	5.3	pCi/L	J
FSL 2D	West	UAZ	10/22/2009	NONVOLATILE BETA	50	4.09	pCi/L	U
FSL 2D	West	UAZ	8/3/2009	NONVOLATILE BETA	50	3.64	pCi/L	U
FSL 2D	West	UAZ	2/3/2009	NONVOLATILE BETA	50	1.77	pCi/L	U
FGW019C	West	LAZ	10/27/2009	NONVOLATILE BETA	50	1.41	pCi/L	U
FGW019C	West	LAZ	2/24/2009	NONVOLATILE BETA	50	0.552	pCi/L	U
FSL 2D	West	UAZ	4/21/2009	NONVOLATILE BETA	50	0.0218	pCi/L	U
UTR018R	**West**	**Seepline**	**2/27/2009**	**TETRACHLOROETHYLENE (PCE)**	**5**	**7.32**	**ug/L**	
FBP 13D	**West**	**UAZ**	**10/22/2009**	**TETRACHLOROETHYLENE (PCE)**	**5**	**6.64**	**ug/L**	
FBP 6D	**West**	**UAZ**	**2/23/2009**	**TETRACHLOROETHYLENE (PCE)**	**5**	**5.34**	**ug/L**	
FBP 2A	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	4.82	ug/L	
FBP 6D	West	UAZ	10/19/2009	TETRACHLOROETHYLENE (PCE)	5	4.46	ug/L	
FBP 13D	West	UAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	4.28	ug/L	
UTR018R	West	Seepline	11/3/2009	TETRACHLOROETHYLENE (PCE)	5	3.52	ug/L	
FBP 2A	West	LAZ	10/19/2009	TETRACHLOROETHYLENE (PCE)	5	3.24	ug/L	
FBP 43DL	West	UAZ	10/22/2009	TETRACHLOROETHYLENE (PCE)	5	1.32	ug/L	
FBP 43DL	West	UAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	1.1	ug/L	
FBP 1A	West	LAZ	2/23/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FBP 1A	West	LAZ	10/21/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FBP 10D	West	UAZ	10/19/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FBP 12D	West	UAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FGW005 C	West	LAZ	2/23/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FGW019C	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FGW019C	West	LAZ	10/27/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FSL 2D	West	UAZ	2/3/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FSL 2D	West	UAZ	8/3/2009	TETRACHLOROETHYLENE (PCE)	5	1	ug/L	U
FGW022C	West	LAZ	10/26/2009	TETRACHLOROETHYLENE (PCE)	5	0.61	ug/L	J
FGW005 C	West	LAZ	10/26/2009	TETRACHLOROETHYLENE (PCE)	5	0.55	ug/L	J
FGW022C	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	0.54	ug/L	J
FBP 10D	West	UAZ	2/23/2009	TETRACHLOROETHYLENE (PCE)	5	0.46	ug/L	J
FBP 43C	West	LAZ	10/22/2009	TETRACHLOROETHYLENE (PCE)	5	0.46	ug/L	J
FBP 43C	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	5	0.455	ug/L	J
FBP 12D	West	UAZ	10/26/2009	TETRACHLOROETHYLENE (PCE)	5	0.35	ug/L	J

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FGW022C	West	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	36.5	ug/L	
FGW005 C	West	LAZ	10/26/2009	TRICHLOROETHYLENE (TCE)	5	32.5	ug/L	
FGW005 C	West	LAZ	2/23/2009	TRICHLOROETHYLENE (TCE)	5	27.8	ug/L	
FBP 43DL	West	UAZ	10/22/2009	TRICHLOROETHYLENE (TCE)	5	27.4	ug/L	
FGW022C	West	LAZ	10/26/2009	TRICHLOROETHYLENE (TCE)	5	26.7	ug/L	
FBP 43DL	West	UAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	26.5	ug/L	
FBP 2A	West	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	15.8	ug/L	
FBP 12D	West	UAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	13.1	ug/L	
FBP 43C	West	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	11.9	ug/L	
FBP 2A	West	LAZ	10/19/2009	TRICHLOROETHYLENE (TCE)	5	11.4	ug/L	
FBP 10D	West	UAZ	2/23/2009	TRICHLOROETHYLENE (TCE)	5	10.8	ug/L	
FBP 6D	West	UAZ	2/23/2009	TRICHLOROETHYLENE (TCE)	5	10.7	ug/L	
FBP 43C	West	LAZ	10/22/2009	TRICHLOROETHYLENE (TCE)	5	10.3	ug/L	
UTR018R	West	Seepline	2/27/2009	TRICHLOROETHYLENE (TCE)	5	10.3	ug/L	
FBP 12D	West	UAZ	10/26/2009	TRICHLOROETHYLENE (TCE)	5	10.2	ug/L	
FBP 13D	West	UAZ	10/22/2009	TRICHLOROETHYLENE (TCE)	5	9.52	ug/L	
FBP 10D	West	UAZ	10/19/2009	TRICHLOROETHYLENE (TCE)	5	9.51	ug/L	
FBP 6D	West	UAZ	10/19/2009	TRICHLOROETHYLENE (TCE)	5	9.35	ug/L	
FBP 13D	West	UAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	7.53	ug/L	
UTR018R	West	Seepline	11/3/2009	TRICHLOROETHYLENE (TCE)	5	5.71	ug/L	
FBP 1A	West	LAZ	2/23/2009	TRICHLOROETHYLENE (TCE)	5	5.18	ug/L	
FBP 1A	West	LAZ	10/21/2009	TRICHLOROETHYLENE (TCE)	5	4.35	ug/L	
FGW019C	West	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FGW019C	West	LAZ	10/27/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FSL 2D	West	UAZ	2/3/2009	TRICHLOROETHYLENE (TCE)	5	1	ug/L	U
FSL 2D	West	UAZ	8/3/2009	TRICHLOROETHYLENE (TCE)	5	0.395	ug/L	J
FBP 12D	West	UAZ	10/26/2009	TRICHLOROFLUOROMETHANE	5	54.8	ug/L	
FBP 12D	West	UAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	52.6	ug/L	
FBP 2A	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	38.9	ug/L	
FBP 2A	West	LAZ	10/19/2009	TRICHLOROFLUOROMETHANE	5	33.7	ug/L	
FGW022C	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	30.8	ug/L	
FBP 43DL	West	UAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	29.4	ug/L	
FBP 1A	West	LAZ	10/21/2009	TRICHLOROFLUOROMETHANE	5	28.3	ug/L	
FBP 10D	West	UAZ	10/19/2009	TRICHLOROFLUOROMETHANE	5	27.6	ug/L	
FGW022C	West	LAZ	10/26/2009	TRICHLOROFLUOROMETHANE	5	27.2	ug/L	
FBP 43DL	West	UAZ	10/22/2009	TRICHLOROFLUOROMETHANE	5	26.7	ug/L	
FBP 10D	West	UAZ	2/23/2009	TRICHLOROFLUOROMETHANE	5	26.6	ug/L	
FBP 6D	West	UAZ	10/19/2009	TRICHLOROFLUOROMETHANE	5	26.1	ug/L	
FBP 1A	West	LAZ	2/23/2009	TRICHLOROFLUOROMETHANE	5	23	ug/L	
FBP 6D	West	UAZ	2/23/2009	TRICHLOROFLUOROMETHANE	5	22.3	ug/L	
FGW005 C	West	LAZ	10/26/2009	TRICHLOROFLUOROMETHANE	5	20.1	ug/L	
FGW005 C	West	LAZ	2/23/2009	TRICHLOROFLUOROMETHANE	5	17.5	ug/L	
UTR018R	West	Seepline	2/27/2009	TRICHLOROFLUOROMETHANE	5	16.2	ug/L	
UTR018R	West	Seepline	11/3/2009	TRICHLOROFLUOROMETHANE	5	8.02	ug/L	
FBP 13D	West	UAZ	10/22/2009	TRICHLOROFLUOROMETHANE	5	6.94	ug/L	
FBP 43C	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	6.82	ug/L	
FBP 43C	West	LAZ	10/22/2009	TRICHLOROFLUOROMETHANE	5	5.86	ug/L	
FBP 13D	West	UAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	4.31	ug/L	
FSL 2D	West	UAZ	2/3/2009	TRICHLOROFLUOROMETHANE	5	1.66	ug/L	
FSL 2D	West	UAZ	8/3/2009	TRICHLOROFLUOROMETHANE	5	1.56	ug/L	
FGW019C	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U
FGW019C	West	LAZ	10/27/2009	TRICHLOROFLUOROMETHANE	5	1	ug/L	U

Table B-1 Monitoring Well Sample Results (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier
FGW022C	West	LAZ	2/24/2009	TRITIUM	20	13.1	pCi/mL	
FGW022C	West	LAZ	10/26/2009	TRITIUM	20	11.1	pCi/mL	
FGW005 C	West	LAZ	2/23/2009	TRITIUM	20	8.92	pCi/mL	
FGW005 C	West	LAZ	10/26/2009	TRITIUM	20	8.49	pCi/mL	
FBP 12D	West	UAZ	2/24/2009	TRITIUM	20	4.83	pCi/mL	
FSL 2D	West	UAZ	10/22/2009	TRITIUM	20	4.31	pCi/mL	
FSL 2D	West	UAZ	2/3/2009	TRITIUM	20	4.28	pCi/mL	
FSL 2D	West	UAZ	4/21/2009	TRITIUM	20	4.18	pCi/mL	
FBP 12D	West	UAZ	10/26/2009	TRITIUM	20	4.14	pCi/mL	
FSL 2D	West	UAZ	8/3/2009	TRITIUM	20	3.98	pCi/mL	
FBP 43DL	West	UAZ	2/24/2009	TRITIUM	20	3.76	pCi/mL	
FBP 43DL	West	UAZ	10/22/2009	TRITIUM	20	3.72	pCi/mL	
FBP 10D	West	UAZ	2/23/2009	TRITIUM	20	3.46	pCi/mL	
FBP 2A	West	LAZ	10/19/2009	TRITIUM	20	3.21	pCi/mL	
FBP 10D	West	UAZ	10/19/2009	TRITIUM	20	3.19	pCi/mL	
FBP 6D	West	UAZ	10/19/2009	TRITIUM	20	3	pCi/mL	
FBP 2A	West	LAZ	2/24/2009	TRITIUM	20	2.87	pCi/mL	
FBP 6D	West	UAZ	2/23/2009	TRITIUM	20	2.76	pCi/mL	
FBP 1A	West	LAZ	2/23/2009	TRITIUM	20	2.24	pCi/mL	
FBP 1A	West	LAZ	10/21/2009	TRITIUM	20	1.8	pCi/mL	
FBP 43C	West	LAZ	2/24/2009	TRITIUM	20	1.7	pCi/mL	
FBP 13D	West	UAZ	2/24/2009	TRITIUM	20	1.65	pCi/mL	
UTR018R	West	Seepline	2/27/2009	TRITIUM	20	1.59	pCi/mL	
FGW019C	West	LAZ	2/24/2009	TRITIUM	20	1.47	pCi/mL	
FGW019C	West	LAZ	10/27/2009	TRITIUM	20	1.4	pCi/mL	J
FBP 13D	West	UAZ	10/22/2009	TRITIUM	20	1.26	pCi/mL	J
FBP 43C	West	LAZ	10/22/2009	TRITIUM	20	1.14	pCi/mL	J

Appendix B2

2009 Monitoring Well Results TCL VOCs

Table B-2 Monitoring Well Sample Results TCL VOCs

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR 6	North	Seepline	3/2/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2,3-TRICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2,3-TRICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2,3-TRICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2-DICHLOROBENZENE	1	ug/L	U

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR 6	North	Seepline	3/2/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	1,4-DIOXANE	50	ug/L	U
UTR 7	North	Seepline	10/29/2009	1,4-DIOXANE	50	ug/L	U
UTR-016	North	Seepline	10/29/2009	1,4-DIOXANE	50	ug/L	U
UTR 6	North	Seepline	3/2/2009	2-HEXANONE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	2-HEXANONE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	2-HEXANONE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	2-HEXANONE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	2-HEXANONE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	2-HEXANONE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	ACETONE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	ACETONE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	ACETONE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	ACETONE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	ACETONE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	ACETONE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	BENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	BENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	BENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	BENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	BENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	BENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	BROMOCHLOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	BROMOCHLOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	BROMOCHLOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR-016	North	Seepline	3/2/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CARBON DISULFIDE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	CARBON DISULFIDE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	CARBON DISULFIDE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	CARBON DISULFIDE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	CARBON DISULFIDE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	CARBON DISULFIDE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	CARBON TETRACHLORIDE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CARBON TETRACHLORIDE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CARBON TETRACHLORIDE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CARBON TETRACHLORIDE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CARBON TETRACHLORIDE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CARBON TETRACHLORIDE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CHLOROBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CHLOROBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CHLOROBENZENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CHLOROFORM	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CHLOROFORM	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CHLOROFORM	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CHLOROFORM	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CHLOROFORM	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CHLOROFORM	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CHLOROMETHANE (METHYL CHLORIDE)	0.543	ug/L	J
UTR 6	North	Seepline	3/2/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR 6	North	Seepline	3/2/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	CYCLOHEXANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	CYCLOHEXANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	CYCLOHEXANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	CYCLOHEXANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	CYCLOHEXANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	CYCLOHEXANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	ETHYLBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	ETHYLBENZENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	ETHYLBENZENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	ETHYLBENZENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	ETHYLBENZENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	ETHYLBENZENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	M,P-XYLENE	2	ug/L	U
UTR 7	North	Seepline	10/29/2009	M,P-XYLENE	2	ug/L	U
UTR-016	North	Seepline	10/29/2009	M,P-XYLENE	2	ug/L	U
UTR 6	North	Seepline	3/2/2009	METHYL ACETATE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	METHYL ACETATE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	METHYL ACETATE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	METHYL ACETATE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	METHYL ACETATE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	METHYL ACETATE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR 6	North	Seepline	10/29/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR 7	North	Seepline	3/2/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR 7	North	Seepline	10/29/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR-016	North	Seepline	3/2/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR-016	North	Seepline	10/29/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR 6	North	Seepline	3/2/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR-016	North	Seepline	10/29/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	TOLUENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	TOLUENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TOLUENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TOLUENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	TOLUENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TOLUENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
FGW003 C	**North**	**LAZ**	**10/26/2009**	**TRICHLOROETHYLENE (TCE)**	**42.2**	**ug/L**	
FGW003 C	**North**	**LAZ**	**2/23/2009**	**TRICHLOROETHYLENE (TCE)**	**32**	**ug/L**	
FNB 13	**North**	**LAZ**	**2/27/2009**	**TRICHLOROETHYLENE (TCE)**	**20.2**	**ug/L**	
FNB 15	**North**	**LAZ**	**2/27/2009**	**TRICHLOROETHYLENE (TCE)**	**15.8**	**ug/L**	
FNB 13	**North**	**LAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**11**	**ug/L**	
FNB 15	**North**	**LAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**9.61**	**ug/L**	
UTR-016	North	Seepline	3/2/2009	TRICHLOROETHYLENE (TCE)	1.1	ug/L	
FNB 2	North	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FNB 2	North	LAZ	10/26/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FNB 3	North	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FNB 3	North	LAZ	10/20/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FNB 5	North	LAZ	10/20/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FNB 12	North	LAZ	2/27/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FNB 12	North	LAZ	10/20/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TRICHLOROETHYLENE (TCE)	0.741	ug/L	J
UTR 6	North	Seepline	10/29/2009	TRICHLOROETHYLENE (TCE)	0.476	ug/L	J
FNB 5	North	LAZ	2/27/2009	TRICHLOROETHYLENE (TCE)	0.33	ug/L	J
UTR 6	North	Seepline	3/2/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	10/29/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR 7	North	Seepline	10/29/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR-016	North	Seepline	10/29/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR 6	North	Seepline	3/2/2009	XYLENES	1	ug/L	U
UTR 7	North	Seepline	3/2/2009	XYLENES	1	ug/L	U
UTR-016	North	Seepline	3/2/2009	XYLENES	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,1,1-TRICHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,1,2,2-TETRACHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,1,2-TRICHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,1-DICHLOROETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,1-DICHLOROETHYLENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,2,3-TRICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR018R	West	Seepline	11/3/2009	1,2,4-TRICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,2-DIBROMO-3-CHLOROPROPANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,2-DIBROMOETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,2-DICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,2-DICHLOROETHANE (EDC)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,2-DICHLOROPROPANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,3-DICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,4-DICHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	1,4-DIOXANE	50	ug/L	U
UTR018R	West	Seepline	2/27/2009	2-HEXANONE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	2-HEXANONE	5	ug/L	U
UTR018R	West	Seepline	2/27/2009	ACETONE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	ACETONE	1.51	ug/L	J
UTR018R	West	Seepline	2/27/2009	BENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	BENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	BROMOCHLOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	BROMODICHLOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	BROMOFORM (TRIBROMOMETHANE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	BROMOMETHANE (METHYL BROMIDE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CARBON DISULFIDE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	CARBON DISULFIDE	5	ug/L	U
UTR018R	West	Seepline	2/27/2009	CARBON TETRACHLORIDE	1.45	ug/L	
UTR018R	West	Seepline	11/3/2009	CARBON TETRACHLORIDE	0.581	ug/L	J
UTR018R	West	Seepline	2/27/2009	CHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CHLOROBENZENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CHLOROETHANE (ETHYL CHLORIDE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CHLOROETHENE (VINYL CHLORIDE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CHLOROFORM	1.31	ug/L	
UTR018R	West	Seepline	11/3/2009	CHLOROFORM	1.05	ug/L	
UTR018R	West	Seepline	2/27/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CHLOROMETHANE (METHYL CHLORIDE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CIS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CIS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CUMENE (ISOPROPYLBENZENE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	CYCLOHEXANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	CYCLOHEXANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	DIBROMOCHLOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	DICHLORODIFLUOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	DICHLOROMETHANE (METHYLENE CHLORIDE)	5	ug/L	U
UTR018R	West	Seepline	2/27/2009	ETHYLBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	ETHYLBENZENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	M,P-XYLENE	2	ug/L	U
UTR018R	West	Seepline	2/27/2009	METHYL ACETATE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	METHYL ACETATE	5	ug/L	U
UTR018R	West	Seepline	2/27/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	METHYL ETHYL KETONE	5	ug/L	U
UTR018R	West	Seepline	2/27/2009	METHYL ISOBUTYL KETONE	5	ug/L	U
UTR018R	West	Seepline	11/3/2009	METHYL ISOBUTYL KETONE	5	ug/L	U

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
UTR018R	West	Seepline	2/27/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	METHYL TERTIARY BUTYL ETHER (MTBE)	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	METHYLCYCLOHEXANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	METHYLCYCLOHEXANE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	O-XYLENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	STYRENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	STYRENE	1	ug/L	U
UTR018R	**West**	**Seepline**	**2/27/2009**	**TETRACHLOROETHYLENE (PCE)**	**7.32**	**ug/L**	
FBP 13D	**West**	**UAZ**	**10/22/2009**	**TETRACHLOROETHYLENE (PCE)**	**6.64**	**ug/L**	
FBP 6D	**West**	**UAZ**	**2/23/2009**	**TETRACHLOROETHYLENE (PCE)**	**5.34**	**ug/L**	
FBP 2A	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	4.82	ug/L	
FBP 6D	West	UAZ	10/19/2009	TETRACHLOROETHYLENE (PCE)	4.46	ug/L	
FBP 13D	West	UAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	4.28	ug/L	
UTR018R	West	Seepline	11/3/2009	TETRACHLOROETHYLENE (PCE)	3.52	ug/L	
FBP 2A	West	LAZ	10/19/2009	TETRACHLOROETHYLENE (PCE)	3.24	ug/L	
FBP 43DL	West	UAZ	10/22/2009	TETRACHLOROETHYLENE (PCE)	1.32	ug/L	
FBP 43DL	West	UAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	1.1	ug/L	
FBP 1A	West	LAZ	2/23/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FBP 1A	West	LAZ	10/21/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FBP 10D	West	UAZ	10/19/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FBP 12D	West	UAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FGW005 C	West	LAZ	2/23/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FGW019C	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FGW019C	West	LAZ	10/27/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FSL 2D	West	UAZ	2/3/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FSL 2D	West	UAZ	8/3/2009	TETRACHLOROETHYLENE (PCE)	1	ug/L	U
FGW022C	West	LAZ	10/26/2009	TETRACHLOROETHYLENE (PCE)	0.61	ug/L	J
FGW005 C	West	LAZ	10/26/2009	TETRACHLOROETHYLENE (PCE)	0.55	ug/L	J
FGW022C	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	0.54	ug/L	J
FBP 10D	West	UAZ	2/23/2009	TETRACHLOROETHYLENE (PCE)	0.46	ug/L	J
FBP 43C	West	LAZ	10/22/2009	TETRACHLOROETHYLENE (PCE)	0.46	ug/L	J
FBP 43C	West	LAZ	2/24/2009	TETRACHLOROETHYLENE (PCE)	0.455	ug/L	J
FBP 12D	West	UAZ	10/26/2009	TETRACHLOROETHYLENE (PCE)	0.35	ug/L	J
UTR018R	West	Seepline	2/27/2009	TOLUENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	TOLUENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	TRANS-1,2-DICHLOROETHYLENE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
UTR018R	West	Seepline	11/3/2009	TRANS-1,3-DICHLOROPROPENE	1	ug/L	U
FGW022C	**West**	**LAZ**	**2/24/2009**	**TRICHLOROETHYLENE (TCE)**	**36.5**	**ug/L**	
FGW005 C	**West**	**LAZ**	**10/26/2009**	**TRICHLOROETHYLENE (TCE)**	**32.5**	**ug/L**	
FGW005 C	**West**	**LAZ**	**2/23/2009**	**TRICHLOROETHYLENE (TCE)**	**27.8**	**ug/L**	
FBP 43DL	**West**	**UAZ**	**10/22/2009**	**TRICHLOROETHYLENE (TCE)**	**27.4**	**ug/L**	
FGW022C	**West**	**LAZ**	**10/26/2009**	**TRICHLOROETHYLENE (TCE)**	**26.7**	**ug/L**	
FBP 43DL	**West**	**UAZ**	**2/24/2009**	**TRICHLOROETHYLENE (TCE)**	**26.5**	**ug/L**	
FBP 2A	**West**	**LAZ**	**2/24/2009**	**TRICHLOROETHYLENE (TCE)**	**15.8**	**ug/L**	
FBP 12D	**West**	**UAZ**	**2/24/2009**	**TRICHLOROETHYLENE (TCE)**	**13.1**	**ug/L**	
FBP 43C	**West**	**LAZ**	**2/24/2009**	**TRICHLOROETHYLENE (TCE)**	**11.9**	**ug/L**	
FBP 2A	**West**	**LAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**11.4**	**ug/L**	
FBP 10D	**West**	**UAZ**	**2/23/2009**	**TRICHLOROETHYLENE (TCE)**	**10.8**	**ug/L**	
FBP 6D	**West**	**UAZ**	**2/23/2009**	**TRICHLOROETHYLENE (TCE)**	**10.7**	**ug/L**	
FBP 43C	**West**	**LAZ**	**10/22/2009**	**TRICHLOROETHYLENE (TCE)**	**10.3**	**ug/L**	
UTR018R	**West**	**Seepline**	**2/27/2009**	**TRICHLOROETHYLENE (TCE)**	**10.3**	**ug/L**	
FBP 12D	**West**	**UAZ**	**10/26/2009**	**TRICHLOROETHYLENE (TCE)**	**10.2**	**ug/L**	
FBP 13D	**West**	**UAZ**	**10/22/2009**	**TRICHLOROETHYLENE (TCE)**	**9.52**	**ug/L**	
FBP 10D	**West**	**UAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**9.51**	**ug/L**	
FBP 6D	**West**	**UAZ**	**10/19/2009**	**TRICHLOROETHYLENE (TCE)**	**9.35**	**ug/L**	
FBP 13D	**West**	**UAZ**	**2/24/2009**	**TRICHLOROETHYLENE (TCE)**	**7.53**	**ug/L**	
UTR018R	**West**	**Seepline**	**11/3/2009**	**TRICHLOROETHYLENE (TCE)**	**5.71**	**ug/L**	
FBP 1A	**West**	**LAZ**	**2/23/2009**	**TRICHLOROETHYLENE (TCE)**	**5.18**	**ug/L**	
FBP 1A	West	LAZ	10/21/2009	TRICHLOROETHYLENE (TCE)	4.35	ug/L	
FGW019C	West	LAZ	2/24/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FGW019C	West	LAZ	10/27/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FSL 2D	West	UAZ	2/3/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FSL 2D	West	UAZ	8/3/2009	TRICHLOROETHYLENE (TCE)	0.395	ug/L	J

Table B-2 Monitoring Well Sample Results TCL VOCs (continued)

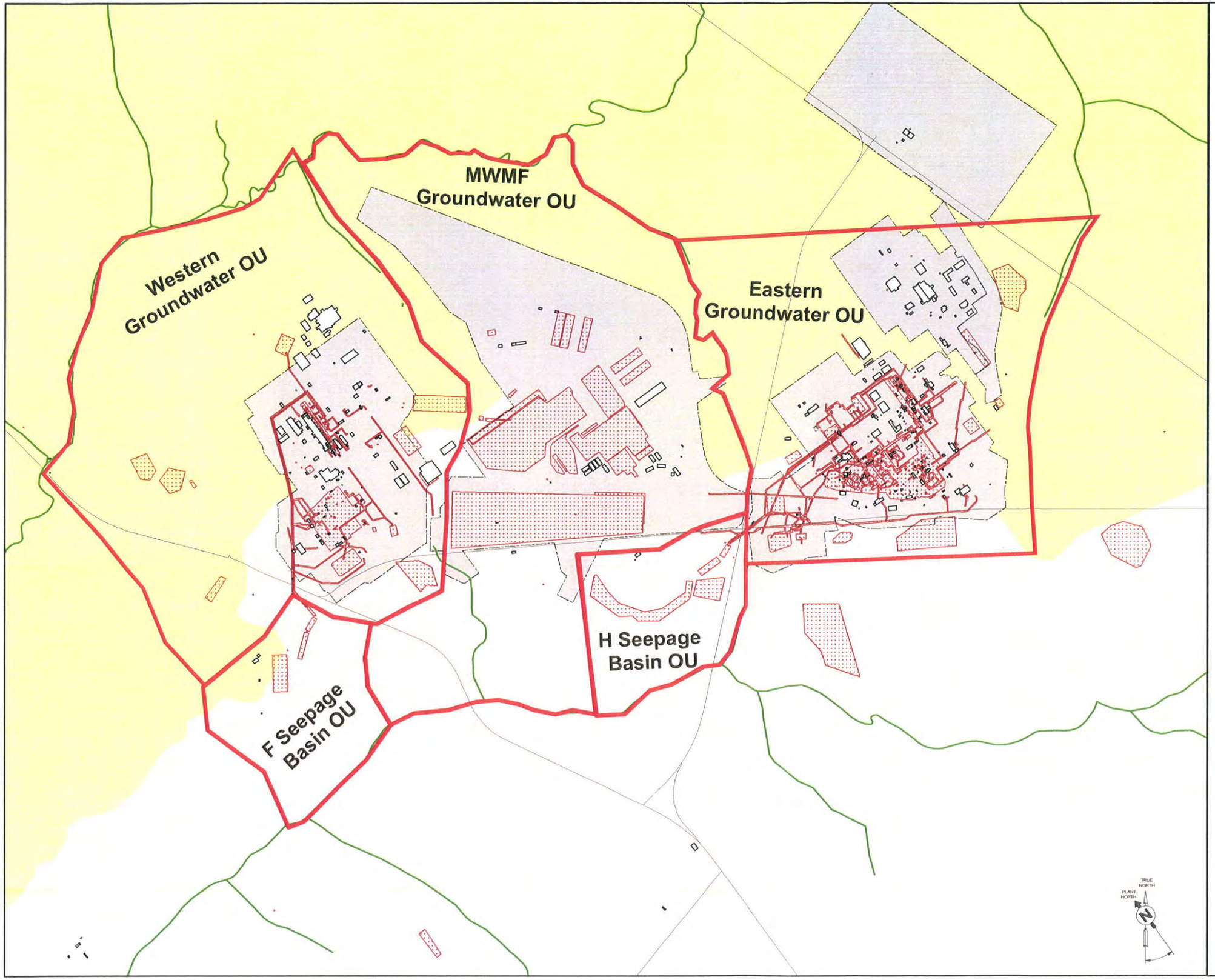
Well Name	Plume	Aquifer	Collection Date	Analyte	Result	Units	Lab Qualifier
FBP 12D	West	UAZ	10/26/2009	TRICHLOROFLUOROMETHANE	54.8	ug/L	
FBP 12D	West	UAZ	2/24/2009	TRICHLOROFLUOROMETHANE	52.6	ug/L	
FBP 2A	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	38.9	ug/L	
FBP 2A	West	LAZ	10/19/2009	TRICHLOROFLUOROMETHANE	33.7	ug/L	
FGW022C	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	30.8	ug/L	
FBP 43DL	West	UAZ	2/24/2009	TRICHLOROFLUOROMETHANE	29.4	ug/L	
FBP 1A	West	LAZ	10/21/2009	TRICHLOROFLUOROMETHANE	28.3	ug/L	
FBP 10D	West	UAZ	10/19/2009	TRICHLOROFLUOROMETHANE	27.6	ug/L	
FGW022C	West	LAZ	10/26/2009	TRICHLOROFLUOROMETHANE	27.2	ug/L	
FBP 43DL	West	UAZ	10/22/2009	TRICHLOROFLUOROMETHANE	26.7	ug/L	
FBP 10D	West	UAZ	2/23/2009	TRICHLOROFLUOROMETHANE	26.6	ug/L	
FBP 6D	West	UAZ	10/19/2009	TRICHLOROFLUOROMETHANE	26.1	ug/L	
FBP 1A	West	LAZ	2/23/2009	TRICHLOROFLUOROMETHANE	23	ug/L	
FBP 6D	West	UAZ	2/23/2009	TRICHLOROFLUOROMETHANE	22.3	ug/L	
FGW005 C	West	LAZ	10/26/2009	TRICHLOROFLUOROMETHANE	20.1	ug/L	
FGW005 C	West	LAZ	2/23/2009	TRICHLOROFLUOROMETHANE	17.5	ug/L	
UTR018R	West	Seepline	2/27/2009	TRICHLOROFLUOROMETHANE	16.2	ug/L	
UTR018R	West	Seepline	11/3/2009	TRICHLOROFLUOROMETHANE	8.02	ug/L	
FBP 13D	West	UAZ	10/22/2009	TRICHLOROFLUOROMETHANE	6.94	ug/L	
FBP 43C	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	6.82	ug/L	
FBP 43C	West	LAZ	10/22/2009	TRICHLOROFLUOROMETHANE	5.86	ug/L	
FBP 13D	West	UAZ	2/24/2009	TRICHLOROFLUOROMETHANE	4.31	ug/L	
FSL 2D	West	UAZ	2/3/2009	TRICHLOROFLUOROMETHANE	1.66	ug/L	
FSL 2D	West	UAZ	8/3/2009	TRICHLOROFLUOROMETHANE	1.56	ug/L	
FGW019C	West	LAZ	2/24/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
FGW019C	West	LAZ	10/27/2009	TRICHLOROFLUOROMETHANE	1	ug/L	U
UTR018R	West	Seepline	2/27/2009	XYLENES	1	ug/L	U

Appendix B3

2009 Monitoring Well Results F Area Retention Basin

Table B-3 Monitoring Well Sample Results F Area Retention Basin

Well Name	Collection Date	Analyte	Result	Units	Lab Qualifier
FRB 1	10/20/2009	CESIUM-137	0.64	pCi/L	U
FRB 2	2/27/2009	CESIUM-137	-0.91	pCi/L	U
FRB 1	10/20/2009	CESIUM-137	-1.15	pCi/L	U
FRB 1	2/27/2009	CESIUM-137	-1.28	pCi/L	U
FRB 3	2/27/2009	CESIUM-137	-1.39	pCi/L	U
FRB 3	10/20/2009	CESIUM-137	-2.12	pCi/L	U
FRB 1	10/20/2009	CESIUM-137	-2.16	pCi/L	U
FRB 2	2/27/2009	CESIUM-137	-2.56	pCi/L	U
FRB 2	2/27/2009	CESIUM-137	-4.27	pCi/L	U
FRB 2	10/20/2009	CESIUM-137	-6.5	pCi/L	U
FRB 1	10/20/2009	GROSS ALPHA	7.88	pCi/L	J
FRB 1	10/20/2009	GROSS ALPHA	6.99	pCi/L	J
FRB 1	2/27/2009	GROSS ALPHA	4.49	pCi/L	J
FRB 2	10/20/2009	GROSS ALPHA	3.88	pCi/L	J
FRB 1	10/20/2009	GROSS ALPHA	3.85	pCi/L	J
FRB 3	2/27/2009	GROSS ALPHA	3.15	pCi/L	J
FRB 2	2/27/2009	GROSS ALPHA	2.73	pCi/L	J
FRB 3	10/20/2009	GROSS ALPHA	2.56	pCi/L	U
FRB 2	2/27/2009	GROSS ALPHA	2.29	pCi/L	J
FRB 1	10/20/2009	NONVOLATILE BETA	4.15	pCi/L	U
FRB 1	10/20/2009	NONVOLATILE BETA	3.35	pCi/L	U
FRB 2	2/27/2009	NONVOLATILE BETA	2.25	pCi/L	U
FRB 3	2/27/2009	NONVOLATILE BETA	2.14	pCi/L	U
FRB 2	2/27/2009	NONVOLATILE BETA	1.98	pCi/L	U
FRB 1	2/27/2009	NONVOLATILE BETA	0.831	pCi/L	U
FRB 2	10/20/2009	NONVOLATILE BETA	0.575	pCi/L	U
FRB 1	10/20/2009	NONVOLATILE BETA	-0.104	pCi/L	U
FRB 3	10/20/2009	NONVOLATILE BETA	-0.379	pCi/L	U
FRB 1	2/27/2009	RADIUM-226	2.19	pCi/L	
FRB 1	10/20/2009	RADIUM-226	2.07	pCi/L	
FRB 1	10/20/2009	RADIUM-226	1.74	pCi/L	
FRB 2	10/20/2009	RADIUM-226	1.32	pCi/L	
FRB 2	2/27/2009	RADIUM-226	1.25	pCi/L	
FRB 2	2/27/2009	RADIUM-226	1.11	pCi/L	J
FRB 3	2/27/2009	RADIUM-226	1.1	pCi/L	
FRB 3	10/20/2009	RADIUM-226	0.947	pCi/L	
FRB 1	10/20/2009	STRONTIUM-90	1.72	pCi/L	U
FRB 3	10/20/2009	STRONTIUM-90	0.957	pCi/L	U
FRB 3	2/27/2009	STRONTIUM-90	0.884	pCi/L	U
FRB 2	2/27/2009	STRONTIUM-90	0.44	pCi/L	U
FRB 1	2/27/2009	STRONTIUM-90	0.0555	pCi/L	U
FRB 1	10/20/2009	STRONTIUM-90	0.0237	pCi/L	U
FRB 2	2/27/2009	STRONTIUM-90	0.0234	pCi/L	U
FRB 3	10/20/2009	STRONTIUM-90	0.0225	pCi/L	U
FRB 2	2/27/2009	STRONTIUM-90	-0.1	pCi/L	U
FRB 2	10/20/2009	STRONTIUM-90	-0.813	pCi/L	U
FRB 1	2/27/2009	TRICHLOROETHYLENE (TCE)	1.43	ug/L	J
FRB 2	2/27/2009	TRICHLOROETHYLENE (TCE)	1.16	ug/L	U
FRB 1	10/20/2009	TRICHLOROETHYLENE (TCE)	1.01	ug/L	
FRB 2	10/20/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FRB 3	2/27/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FRB 3	10/20/2009	TRICHLOROETHYLENE (TCE)	1	ug/L	U
FRB 1	10/20/2009	TRICHLOROETHYLENE (TCE)	0.803	ug/L	J
FRB 2	2/27/2009	TRICHLOROETHYLENE (TCE)	0.7	ug/L	J



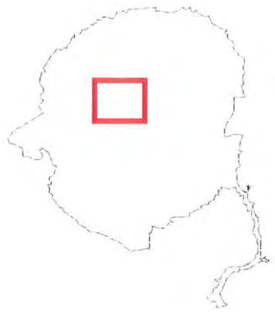
Legend

- Streams
- Roads
- GSA OU Boundaries
- Buildings, SRS 1:1200
- Boundary, SRS Facility
- Waste Units
- Fourmile Branch
- Upper Three Runs

0 200 400 Meters

0 0.25 0.5 Miles

Savannah River Site
Aiken, South Carolina



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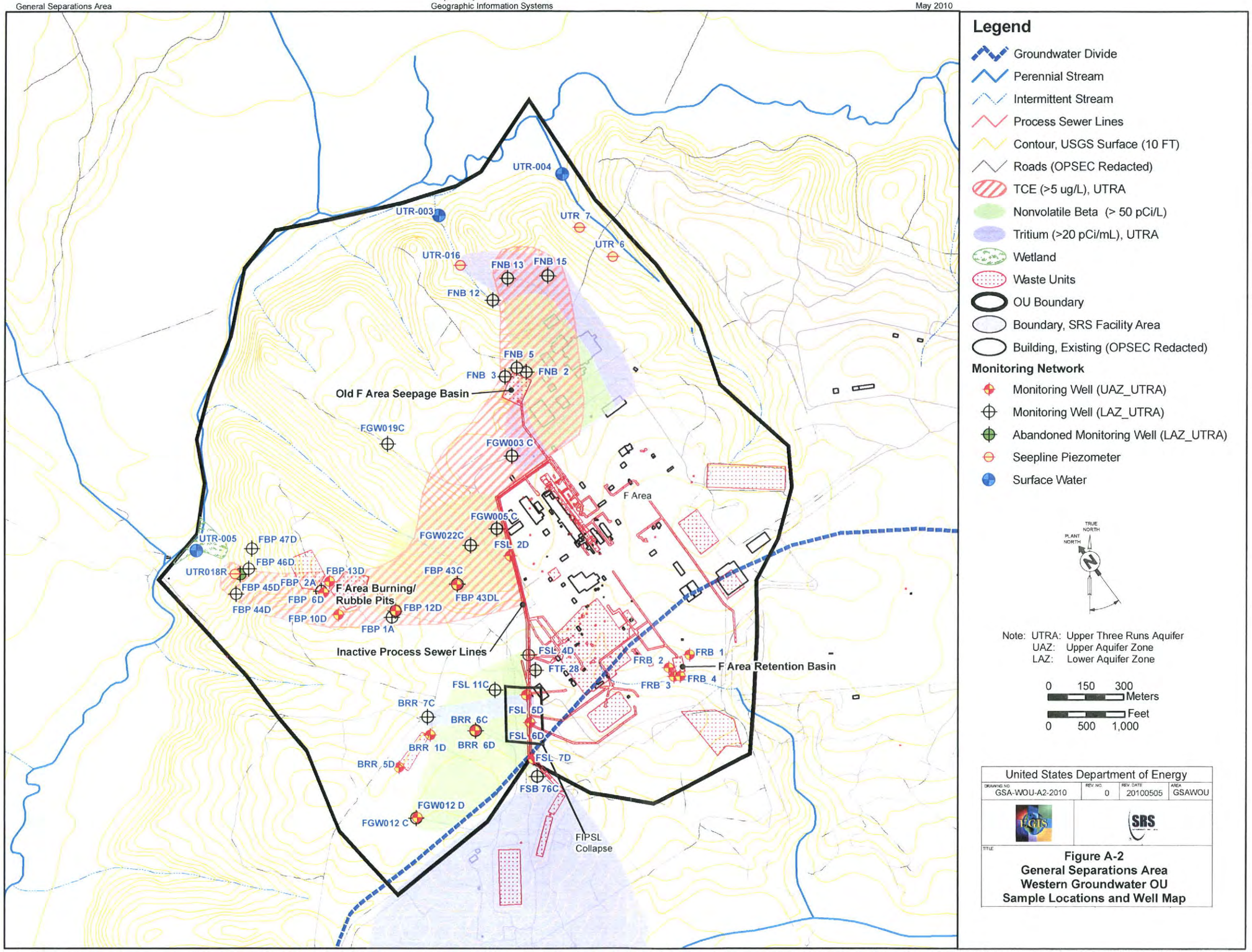
TITLE

Figure A-1
Groundwater Operable Units
General Separations Area

General Separations Area

Prepared by Environmental and Geographic Information Systems

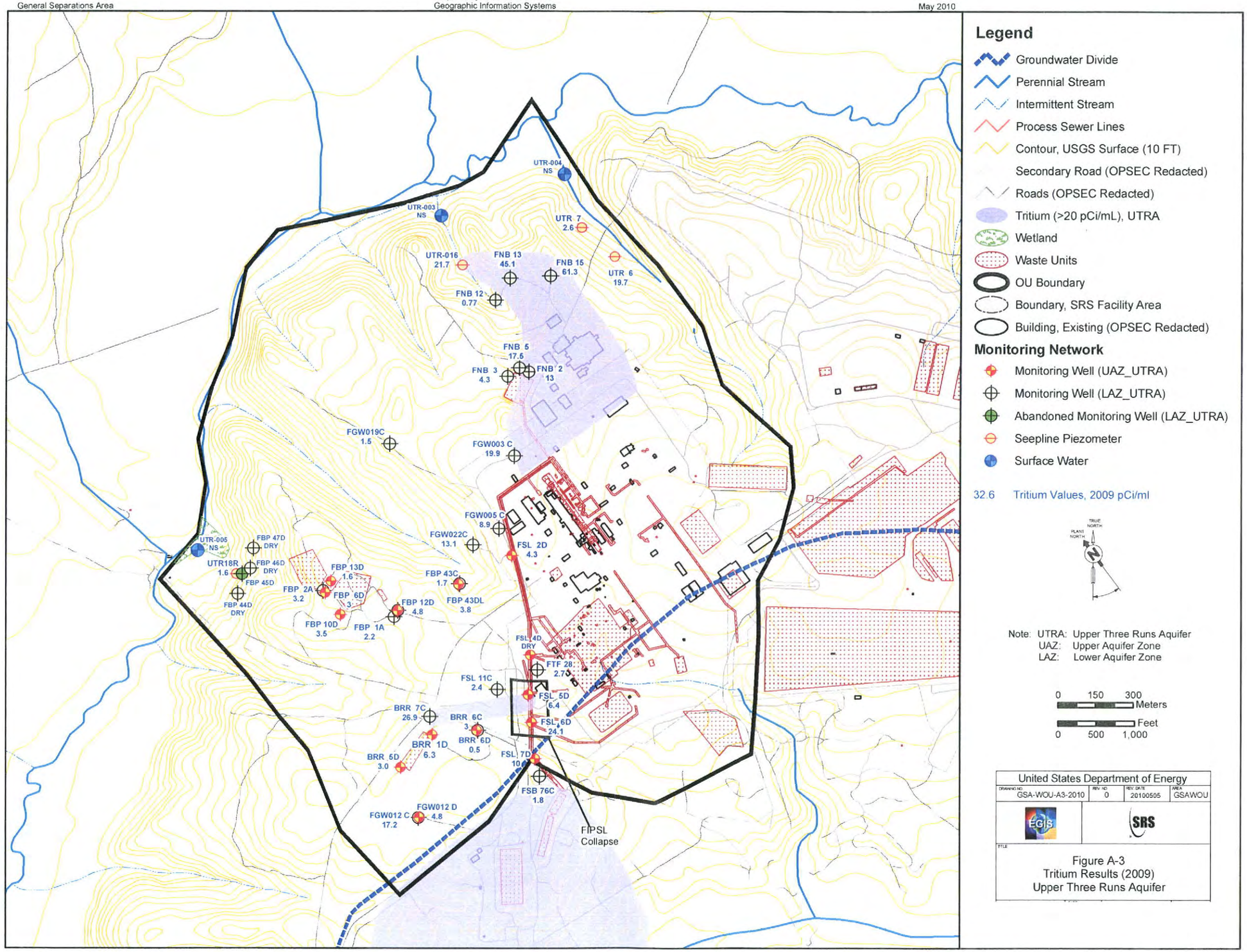
May 2010



General Separations Area

Prepared by Environmental and Geographic Information Systems

May 2010



Legend

- Groundwater Divide
- Perennial Stream
- Intermittent Stream
- Process Sewer Lines
- Contour, USGS Surface (10 FT)
- Secondary Road (OPSEC Redacted)
- Roads (OPSEC Redacted)
- Tritium (>20 pCi/mL), UTRA
- Wetland
- Waste Units
- OU Boundary
- Boundary, SRS Facility Area
- Building, Existing (OPSEC Redacted)

Monitoring Network

- Monitoring Well (UAZ_UTRA)
- Monitoring Well (LAZ_UTRA)
- Abandoned Monitoring Well (LAZ_UTRA)
- Seepline Piezometer
- Surface Water

32.6 Tritium Values, 2009 pCi/ml

TRUE NORTH
PLANT NORTH

Note: UTRA: Upper Three Runs Aquifer
UAZ: Upper Aquifer Zone
LAZ: Lower Aquifer Zone

0 150 300 Meters

0 500 1,000 Feet

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EGIS SRS

TITLE

Figure A-3
Tritium Results (2009)
Upper Three Runs Aquifer

General Separations Area

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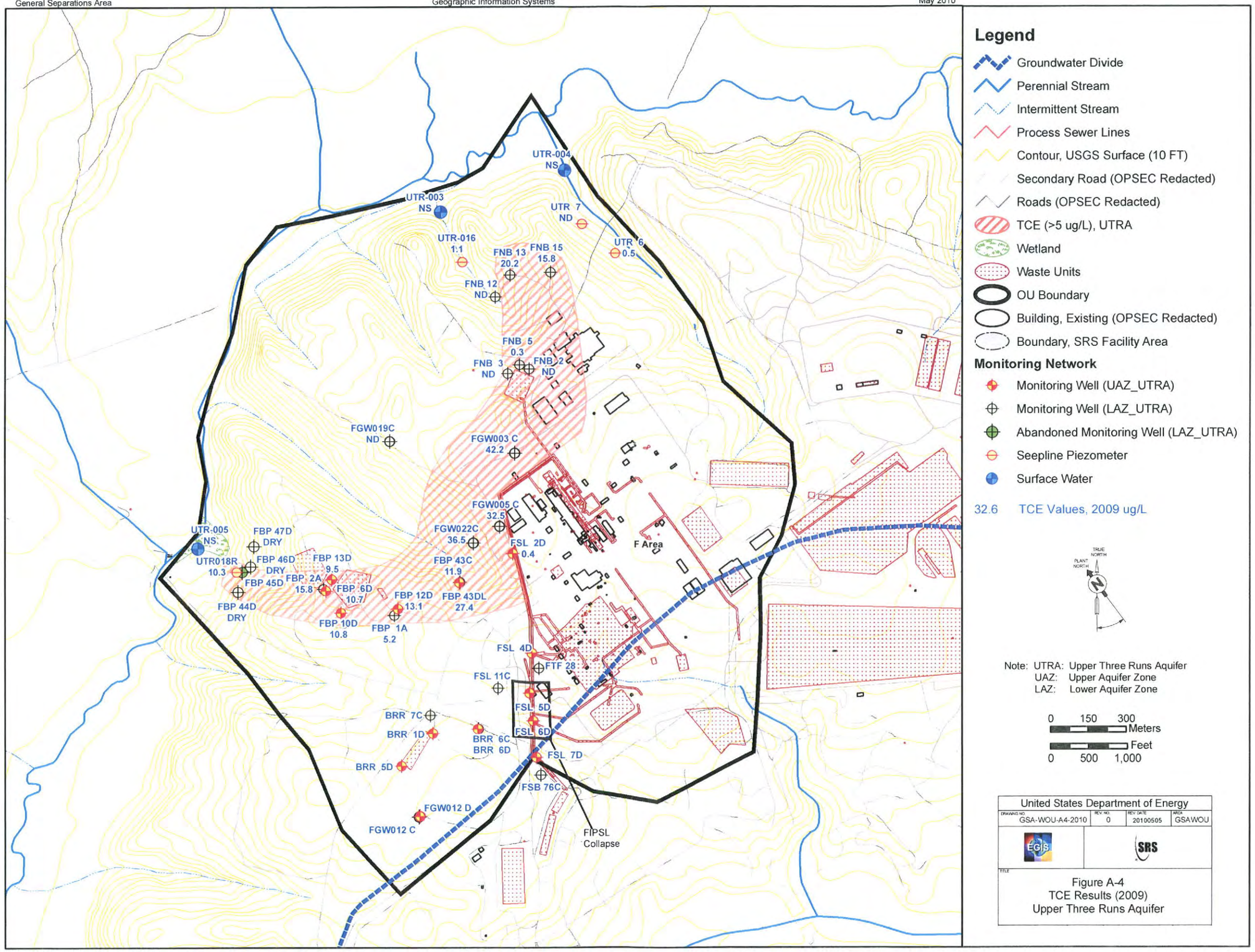
May 2010



Legend

- Groundwater Divide
- Perennial Stream
- Intermittent Stream
- Process Sewer Lines
- Contour, USGS Surface (10 FT)
- Secondary Road (OPSEC Redacted)
- Roads (OPSEC Redacted)
- TCE (>5 ug/L), UTRA
- Wetland
- Waste Units
- OU Boundary
- Building, Existing (OPSEC Redacted)
- Boundary, SRS Facility Area

Monitoring Network

- Monitoring Well (UAZ_UTRA)
- Monitoring Well (LAZ_UTRA)
- Abandoned Monitoring Well (LAZ_UTRA)
- Seepline Piezometer
- Surface Water

32.6 TCE Values, 2009 ug/L

TRUE NORTH
PLANT NORTH

Note: UTRA: Upper Three Runs Aquifer
UAZ: Upper Aquifer Zone
LAZ: Lower Aquifer Zone

0 150 300 Meters

0 500 1,000 Feet

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TITLE

Figure A-4
TCE Results (2009)
Upper Three Runs Aquifer

General Separations Area

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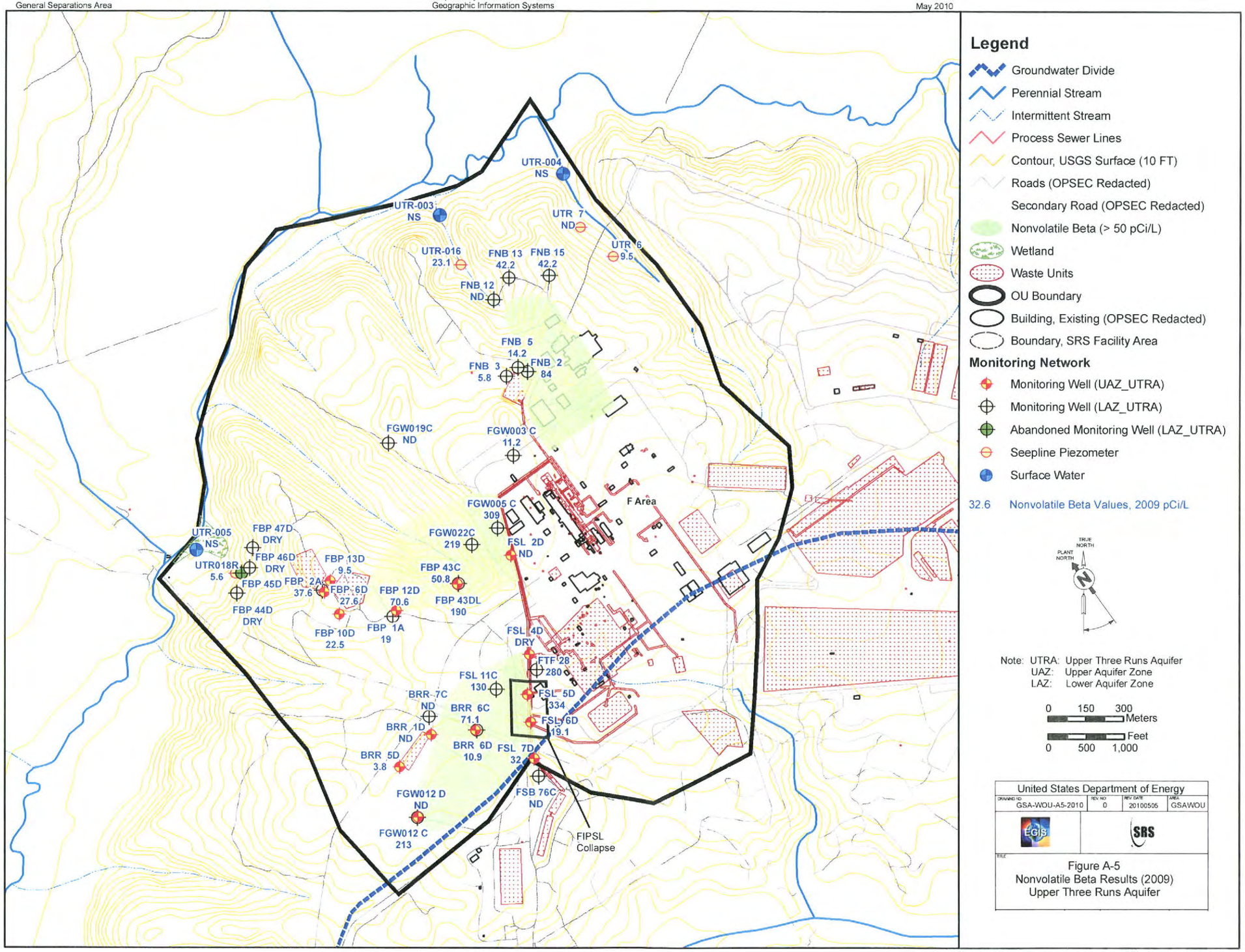
May 2010