



Alternate Water Supply System Flushing Report Riverton, Wyoming, Processing Site

January 2008



U.S. Department
of Energy

Office of Legacy Management

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Riverton, Wyoming, Processing Site**

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1.0 Introduction

The alternate water supply system (AWSS) was installed in 1998 by Indian Health Services. The U. S. Department of Energy (DOE) provided \$800,000 in funding, which included 25 percent of the cost of a new 1,000,000-gallon storage tank. As a component of the institutional controls (IC) for the Riverton, Wyoming, Processing Site, the AWSS is intended to supply drinking water to residents within the IC boundary in lieu of drinking groundwater that could be potentially impacted by the contaminated shallow aquifer. The AWSS is an addition to an existing system operated by the Northern Arapaho Utility Organization (NAUO) and consists of 8.5 miles of transmission pipeline running from the 1,000,000-gallon tank. Figure 1 shows the layout of the AWSS and the associated monitoring locations.

2.0 Background

Elevated concentrations of radionuclides were identified in the AWSS in 2002 (Babits 2003), and these results were confirmed by DOE in 2004 (DOE 2005). In response to these findings, DOE funded an independent analysis of the AWSS to determine, in part, the source of the elevated radionuclides and to make recommendations of how to reduce the radionuclide concentrations to acceptable levels. Conclusions of the independent analysis (ASCG 2005) included:

- The source of radionuclides in the system is from the source well, which has naturally occurring concentrations below Federal drinking water standards.
- Radionuclides in the system are being concentrated by sediment accumulation in stagnant portions of the system and/or biofilm capture.
- A flushing program should be implemented as a first step to reduce the radionuclide concentrations.

In response to the conclusions of the independent analysis, DOE instituted a 2-year flushing and monitoring program to determine if periodic, unidirectional flushing of the system would reduce radionuclide concentrations to acceptable levels. The flushing and monitoring program was conducted according to the *Alternate Water Supply System Flushing Work Plan Riverton, Wyoming, Processing Site* (DOE 2006). This work plan provided a specific procedure for conducting a unidirectional flush of the system as recommended by ASCG Inc. and the U.S. Environmental Protection Agency (EPA) (ASCG 2005).

3.0 Purpose and Scope

The purpose of this report is to provide the results of the 2-year flushing and monitoring program for the AWSS as a method to reduce radionuclide concentrations within the system. This report also provides results of soil testing conducted adjacent to a portion of the AWSS water line to assess potential impacts from the nearby sulfuric acid plant. The flushing and monitoring program was a collaborative effort between the DOE, the Wind River Environmental Quality Commission (WREQC), and NAUO.

4.0 Monitoring Results

4.1 Soil Testing

Soil sampling was conducted adjacent to portions of the water line downgradient of the sulfuric acid plant to determine if historic acid leaks at the sulfuric acid plant have impacted the soils adjacent to the line. Measurements of pH were attempted at 0, 2, and 4 feet (ft) below ground surface at three locations (0831, 0832, and 0833 [Figure 1]). A pH of less than 6.0 standard units was used as a criterion to determine if soils were impacted. As shown in Table 1, measurements ranged from 8.0 to 9.2, which indicate no impact to the soils adjacent to the water line from historic sulfuric acid spills at the plant.

Table 1. Ph Measurements in Soils Adjacent to the AWSS

Location	Depth (ft)	pH (standard units)	Comments
0831	0	8.2	None
	2	8.6	None
	3.5	8.6	Auger refusal @ 3 ft, shovel to 3.5 ft
0832	0	8.2	None
	2	8.4	Auger refusal @ 9 inches, shovel to 2 ft
0833	0	8.0	None
	2	9.2	None
	4	8.7	None

4.2 Hydrant Flow Monitoring

Monitoring of flow during each hydrant flush was required to ensure the calculated water volume of each section of pipe was removed. Hydrant locations are shown in Figure 1. Flow meters were installed at each hydrant during flushing to measure the volume of water flushed from the pipe. Water volume removed during each flush is shown in Table 2. Volume measurements also were used to calculate the velocity of the water moving through the pipe. Velocity data was used to determine if water movement within the pipeline was sufficient to remove sediment and debris, and to scour biofilm from the inside of the pipe. According to the independent analysis (ASCG 2005), flushing velocities of 2 to 3 feet per second (ft/s) are needed to remove sediment and loosely attached particles, while flushing velocities of greater than 5 ft/s are required to scour and remove build-up of biofilm and material adhering to the wall of the pipe. Average velocities measured during the flushing program (Table 2) ranged from 3.06 to 6.48 ft/s with an average velocity of 4.83 ft/s, which should remove sediment and loosely attached particles and, in sections of the pipeline, remove adhered material and biofilm.

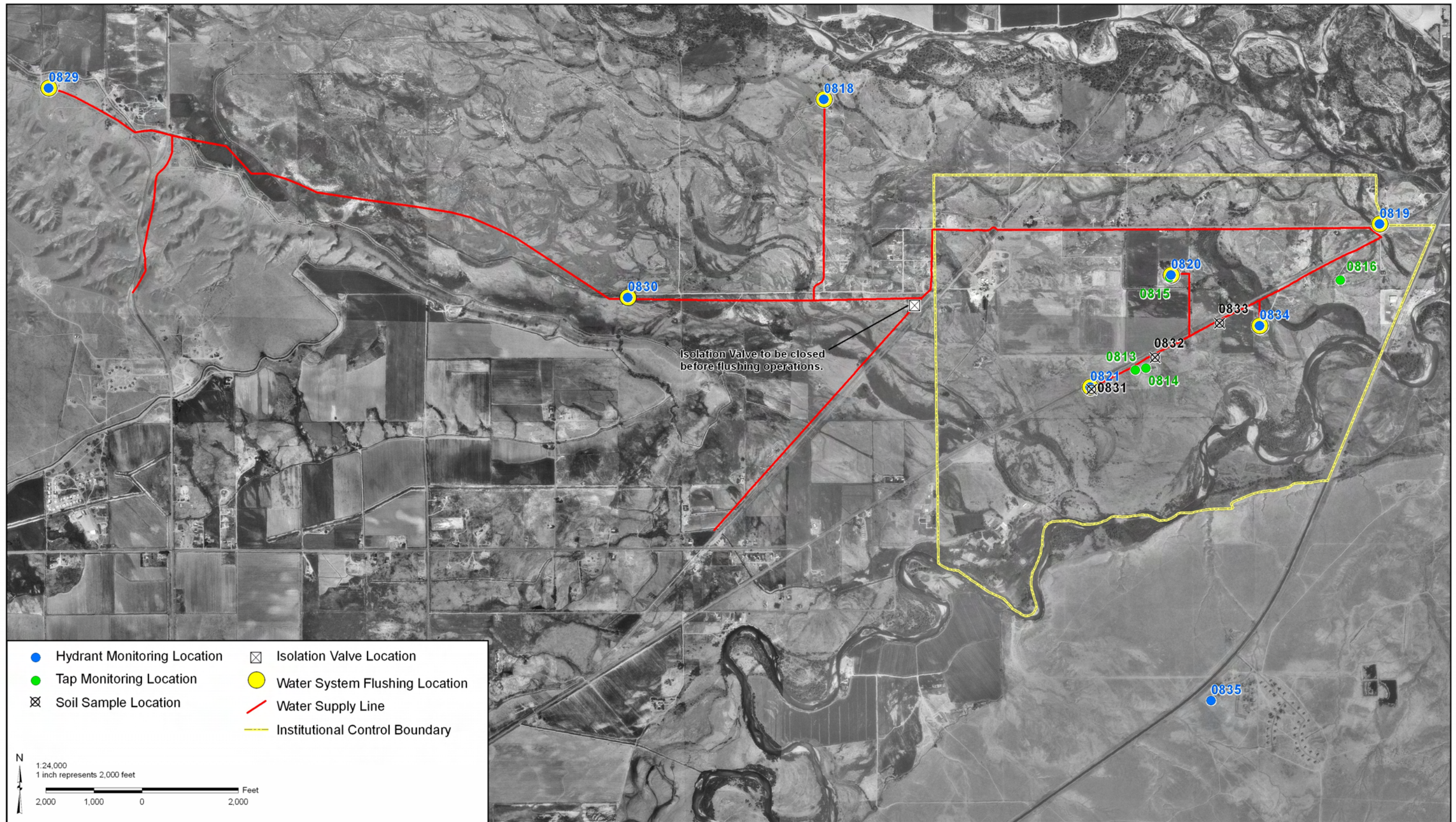


Figure 1. Alternate Water Supply System and Associated Monitoring Locations

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Table 2. Flushing Volumes, Flow Rates, and Velocities

Hydrant Location	Calculated Section Volume (gal)	Section Volume Flushed (gal)					Average Flow Rate (gpm)	Average Velocity (ft/sec)
		May 2006	Jun. 2006	Mar. 2007	Jun. 2007	Nov. 2007		
0818	20,738	20,800	20,840	21,910	20,940	21,100	571	6.48
0819 ¹	43,209	44,100	43,200	45,881	43,700	–	479	3.06
0820	3,139	3,200	3,150	5,787	3,910	3,300	487	5.53
0821	13,973	14,000	13,970	14,843	15,590	58,400	547	6.21
0829	20,252	19,400	20,260	22,707	24,117	24,160	670	4.28
0830	39,554	38,600	39,700	38,545	40,560	41,300	689	4.40
0834 ²	918	–	1,740	2,128	1,000	1,500	341	3.88
Total System	141,783	141,100	142,860	151,801	149,817	149,760	541	4.83

¹Hydrant 0819 was not flushed in November 2007 because of construction activities in the area. Volume of 0819 and 0821 were flushed out of hydrant 0821.

²Hydrant 0834 was not identified until the June 2006 flushing event.
Abbreviations: gal = gallons; gpm = gallons per minute.

4.3 Analytical Results

4.3.1 Hydrants

Hydrant locations monitored during the flushing program are shown in Figure 1. This includes four locations inside the IC boundary (0819, 0820, 0821, and 0834), and three locations outside the IC boundary (0818, 0829, and 0830). In addition, monitoring was conducted at one hydrant located in an older portion of the water system located at the Beaver Creek subdivision (0835). Samples collected from hydrant locations (Figure 1) were analyzed for radium-226, radium-228, and uranium throughout the 2-year flushing program. Gross alpha and gross beta analyses were added after the start of the program at the request of WREQC in response to the high concentrations of these analytes prior to the start of the flushing program. In addition, field measurements of pH, specific conductance, temperature, turbidity, dissolved oxygen, oxidation-reduction potential, and residual chlorine were made at each location. DOE analytical results from hydrant locations are presented in Appendix A.

Samples collected from some hydrant locations prior to the start of the flushing program had elevated concentrations of radionuclides including gross alpha, gross beta, radium-226, and radium-228. EPA Safe Drinking Water Act standards for combined radium-226+228 (5 picocuries per liter [pCi/L]) and gross alpha (15 pCi/L) were exceeded at several locations. Since the start of the flushing program in May 2006, concentrations have been reduced to acceptable levels (with one exception), as shown in Table 3 and Figures 2, 3, and 4. Table 3 compares statistics of pre-flushing program results with statistics of flushing program results, while Figures 2, 3, and 4 compare preflushing program sample concentrations with concentrations of samples collected after flushing (end-of-flush sample – see section 4.3). One sample collected during the flushing program from hydrant 0820 had a gross alpha concentration (16.9 pCi/L) from a 5-minute sample that exceeded the standard (15 pCi/L); however, this concentration was from the March 2007 flushing event, which was 9 months since the previous flush. Flushing frequency is discussed in detail in Section 4.3.

Table 3. Summary of AWSS Hydrant Concentrations

Hydrant Location	Analyte	Pre-Flushing Program Concentrations ¹			Flushing Program Concentrations ²		
		Range ³	Mean ³	ND/N ⁴	Range	Mean	ND/N
0818	Ra-226+228	3.89 – 27.7	15.8	0/2	1.18 – 1.99	1.50	8/20
	Gross Alpha	16.4 – 48.2	32.3	0/2	1.33 – 5.91	2.65	0/7
	Gross Beta	24.3 – 49.4	36.8	0/2	1.91 – 7.39	3.22	0/7
	Uranium	0.00009 – 0.0003	0.0002	2/2	0.000059 – 0.00021	0.00010	9/10
0819	Ra-226+228	3.97	3.97	0/1	0.636 – 3.78	1.60	9/16
	Gross Alpha	18.6	18.6	0/1	1.32 – 12	3.83	0/5
	Gross Beta	24.1	24.1	0/1	2.01 – 15	4.81	1/5
	Uranium	0.00011	0.00011	1/1	0.00006 – 0.00021	0.00011	6/8
0820	Ra-226+228	15.9	15.9	0/1	1.11 – 3.49	1.59	9/18
	Gross Alpha	70.7	70.7	0/1	1.24 – 16.9	4.30	0/6
	Gross Beta	53.5	53.5	0/1	1.82 – 17.8	5.02	2/6
	Uranium	0.00012	0.00012	1/1	0.00006 – 0.00021	0.00010	8/9
0821	Ra-226+228	3.37 – 17.9	10.6	0/2	0.833 – 1.79	1.27	10/20
	Gross Alpha	11.4 – 57.1	34.2	0/2	1.05 – 4.61	2.37	2/7
	Gross Beta	18.4 – 63.1	40.8	0/2	2.29 – 5.77	3.40	0/7
	Uranium	0.00009 – 0.0003	0.0002	2/2	0.000064 – 0.00021	0.00010	7/10
0829	Ra-226+228				1.19 – 1.58	1.31	11/16
	Gross Alpha				1.05 – 6.32	2.23	2/6
	Gross Beta				1.83 – 7.65	3.31	2/6
	Uranium				0.000066 – 0.00011	0.00019	6/8
0830	Ra-226+228				0.936 – 2.31	1.61	7/16
	Gross Alpha				1.12 – 2.48	1.66	1/6
	Gross Beta				2.06 – 2.89	2.34	2/6
	Uranium				0.00007 – 0.00012	0.00009	6/7
0834	Ra-226+228				0.709 – 1.64	1.17	6/8
	Gross Alpha				1.38 – 1.99	1.64	0/3
	Gross Beta				1.88 – 2.62	2.25	1/3
	Uranium				0.00006 – 0.00009	0.000079	¾

¹Includes data from WREQC 2002 (Babits 2003) and DOE 2004 sampling events. Concentrations are in pCi/L for radium-226+228, gross alpha, and gross beta, and in mg/L for uranium.

²Includes DOE data from 2006 and 2007 and includes 5-minute and end of flush results.

³For values below detection, the detection limit was used in the mean calculation and in the range, if applicable.

⁴ND/N = Number of values below detection limits/number of values.

AWSS Gross Alpha Concentrations

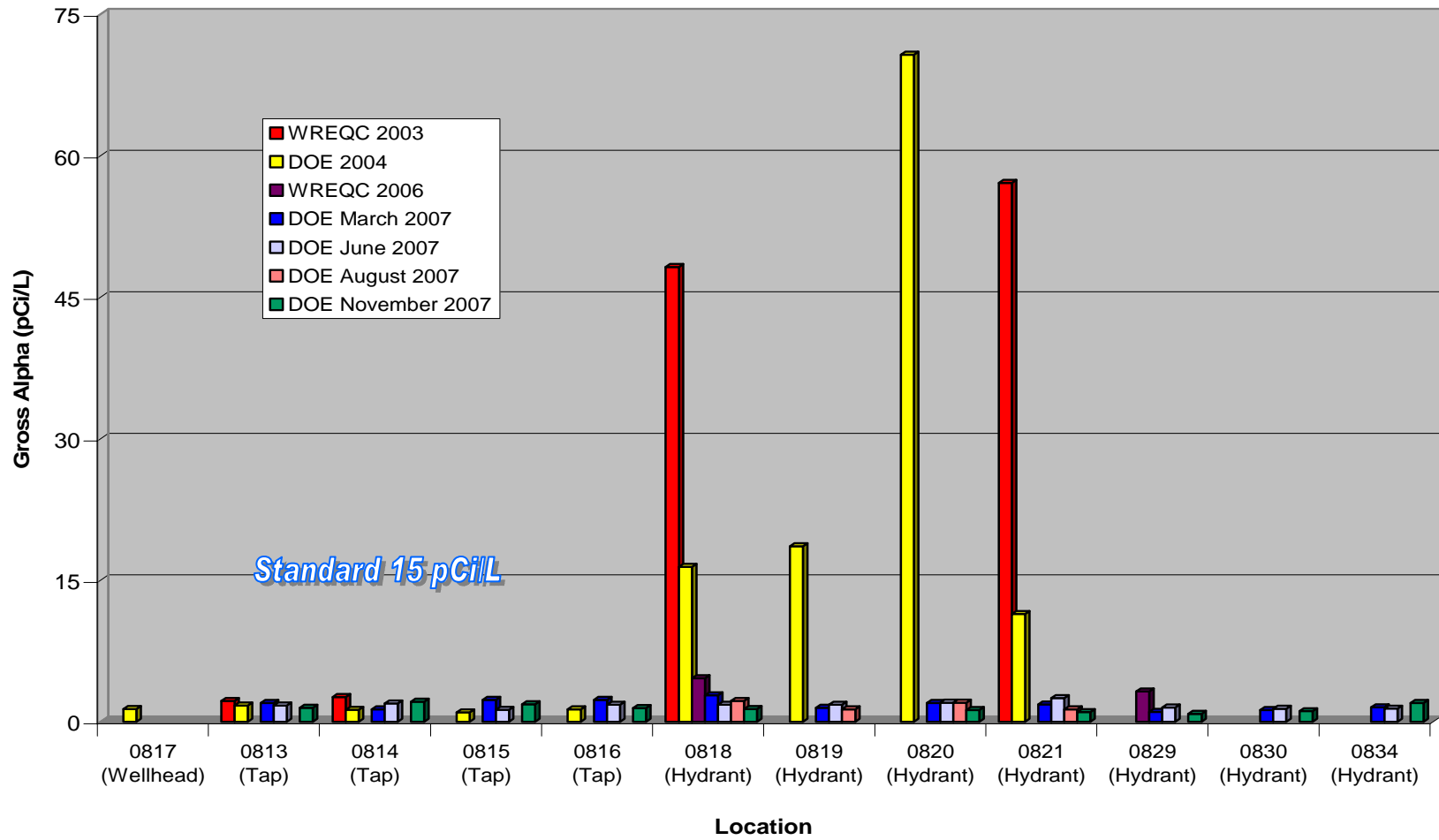


Figure 2. AWSS Gross Alpha Concentrations

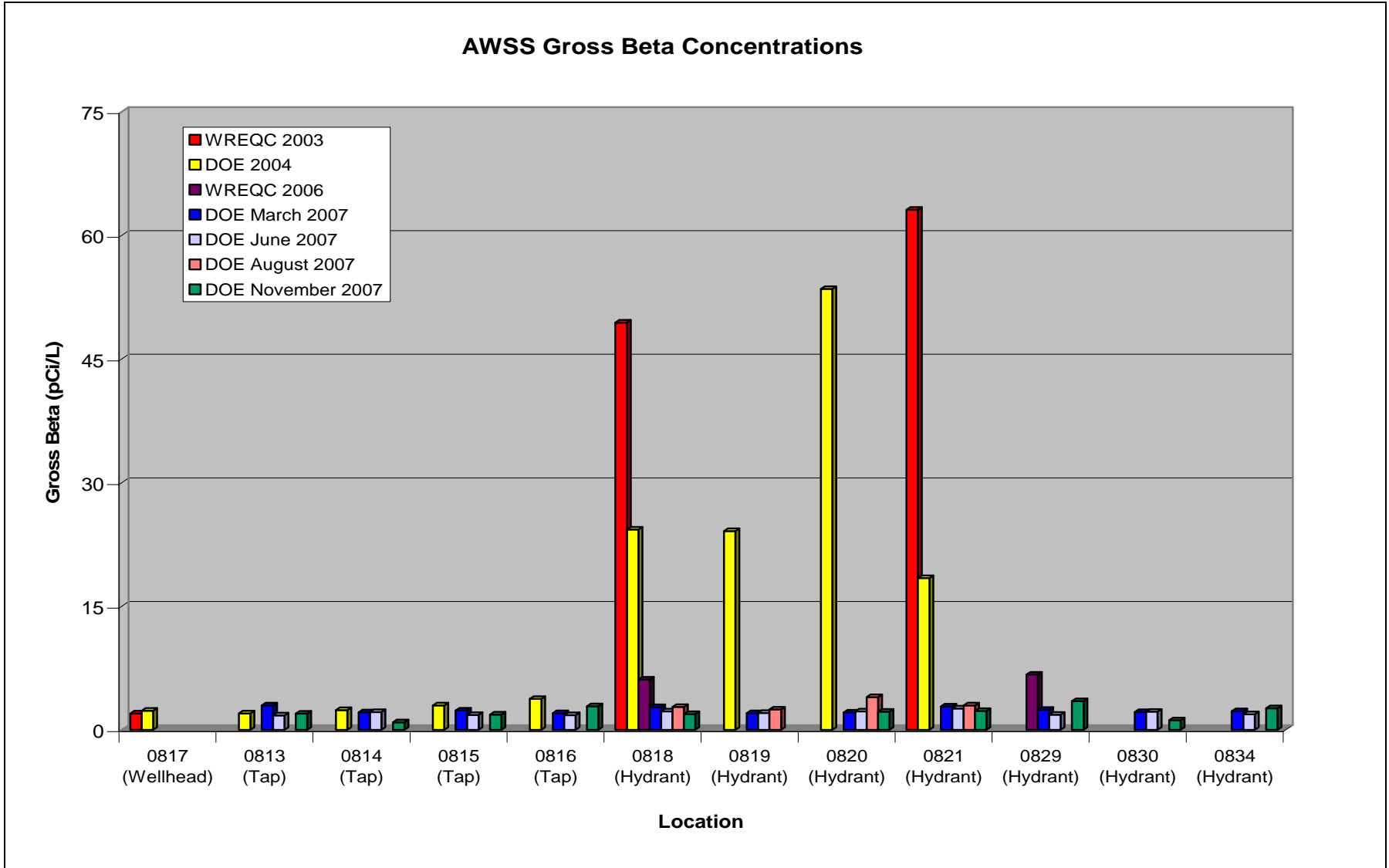


Figure 3. AWSS Gross Beta Concentrations

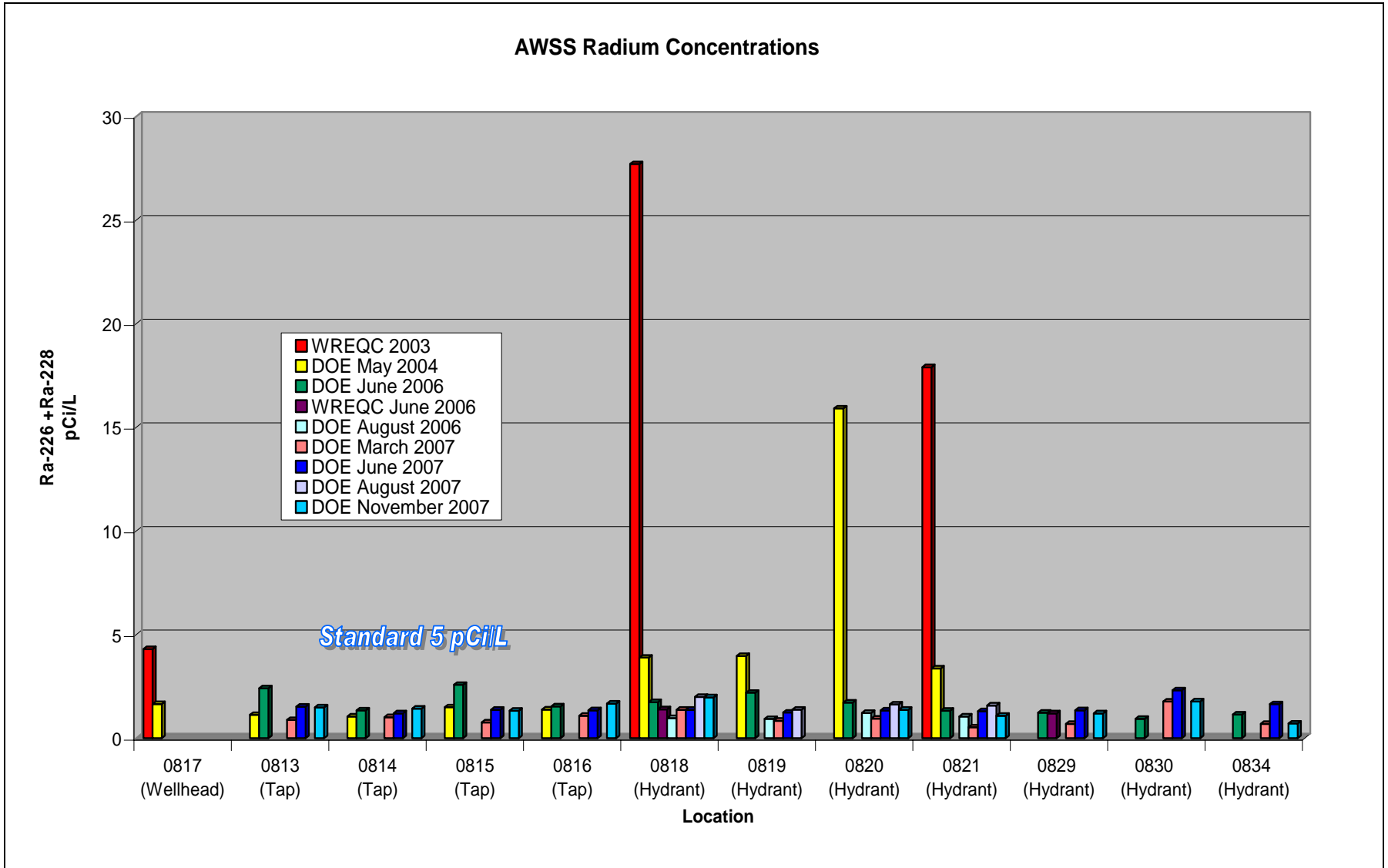


Figure 4. AWSS Radium Concentrations

Uranium concentrations in samples collected from hydrant locations have been low prior to and during the flushing program and typically two to three orders of magnitude below the EPA drinking water standard of 0.03 milligrams per liter (mg/L) (Table 3).

One hydrant in the Beaver Creek subdivision (0835) was sampled without flushing. Results from this location showed concentrations of gross alpha, radium-226 + 228, and uranium were below their respective EPA drinking water standard, and gross beta concentrations were less than 9 pCi/L. The maximum radium-226+228 concentration from this location was 3.2 pCi/L.

4.3.2 Domestic Taps

Samples collected from domestic tap locations (Figure 1) were analyzed for radium-226, radium-228, and uranium throughout the 2-year flushing program. Gross alpha and gross beta analyses were added after the start of the program at the request of WREQC. In addition, field measurements of pH, specific conductance, temperature, turbidity, dissolved oxygen, oxidation-reduction potential, and residual chlorine were made at each location. DOE analytical results from domestic tap locations are presented in Appendix B.

As shown in Table 4, constituent concentrations in samples collected from domestic taps prior to the flushing program were low and comparable to concentrations measured during the flushing program. Flushing activities did not affect water quality at the domestic taps; no standards were exceeded at any domestic tap location indicating no adverse impacts to the potable water in the AWSS.

Table 4. Summary of AWSS Domestic Tap Concentrations

Tap Location	Analyte	Pre-Flushing Program Concentrations ¹			Flushing Program Concentrations		
		Range ²	Mean ²	ND/N ³	Range	Mean	ND/N
0813	Ra-226+228	1.12	1.12	1/1	0.666 – 1.52	1.28	6/8
	Gross Alpha	1.72 – 2.2	1.96	0/2	1.48 – 1.98	1.73	0/3
	Gross Beta	1.98	1.98	1/1	1.74 – 2.97	2.22	1/3
	Uranium	0.00097 – 0.0003	0.0002	2/2	0.00008 – 0.00009	0.00009	4/4
0814	Ra-226+228	1.05	1.05	1/1	0.689 – 1.46	1.14	6/8
	Gross Alpha	1.26 – 2.6	1.93	0/1	1.32 – 2.11	1.79	0/3
	Gross Beta	2.39	2.39	1/1	1.93 – 2.16	2.07	2/3
	Uranium	0.00018 – 0.0003	0.0002	1/2	0.000076 – 0.00012	0.0001	¾
0815	Ra-226+228	1.49	1.49	1/1	0.406 – 1.39	1.12	6/8
	Gross Alpha	0.991	0.991	1/1	1.27 – 2.3	1.81	0/3
	Gross Beta	2.95	2.95	0/1	1.81 – 2.33	2.0	1/3
	Uranium	0.00012	0.00012	1/1	0.000066 – 0.000096	0.00009	4/4
0816	Ra-226+228	1.38	1.38	1/1	1.13 – 2.30	1.50	4/8
	Gross Alpha	1.31	1.31	1/1	1.44 – 2.32	1.85	0/3
	Gross Beta	3.73	3.73	0/1	1.76 – 2.85	2.21	0/3
	Uranium	0.00011	0.00011	1/1	0.000063 – 0.0001	0.00008	4/4

¹Includes data from WREQC (Babits 2003) and DOE. Concentrations are in pCi/L for radium-226+228, gross alpha, and gross beta, and in mg/L for uranium.

²For values below detection, the detection limit was used in the mean calculation and in the range, if applicable.

³ND/N = Number of values below detection limits/number of values.

4.4 Flushing Frequency Analysis

Flushing and monitoring of hydrants was conducted on a variable frequency to determine the optimal time between flushing events. Flushing and monitoring events were initially planned to occur in June and November; however, maintenance problems resulted in delaying the November 2006 flushing and monitoring event until March 2007. This resulted in flushing and monitoring events conducted in June 2006 and March, June, and November 2007. Monitoring only events (no flushing) were conducted between flushing events in August 2006 and August 2007 to determine if more frequent flushing was needed.

Two samples were collected at each hydrant during flushing. The first sample was collected 5 minutes into the flush to measure the potential highest concentrations after the flushing process has had time to dislodge and mobilize contaminants. The second sample was collected at the end of the flush to determine the effectiveness of the flushing. In addition, 5-minute samples only (no flushing and end-of-flush sample) were collected in August as an intermediate check between flushing events. Results are presented in Table 5.

Table 5. Comparison of Results for Start of Flush and End of Flush

Hydrant Location	Analyte	Concentrations ¹							
		June 2006 End of Flush	August 2006 5 min	March 2007 5 min	March 2007 End of Flush	June 2007 5 min	June 2007 End of Flush	August 2007 5 min	November 2007 5 min
0818	Ra-226+228	ND ¹	ND	1.50	1.37	ND	ND	1.99	ND
	Gross alpha	–	–	5.91	2.79	2.32	1.8	2.2	2.22
	Gross beta	–	–	7.39	2.75	3.49	2.22	2.76	2.04
0819	Ra-226+228	2.19	ND	3.78	ND	ND	ND	ND	–
	Gross alpha	–	–	12	1.47	2.59	1.79	1.32	–
	Gross beta	–	–	15	ND	2.59	2.03	2.46	–
0820	Ra-226+228	ND	ND	3.49	ND	ND	ND	ND	ND
	Gross alpha	–	–	16.9	1.99	2.02	2.02	2.02	1.65
	Gross beta	–	–	17.8	ND	2.24	-	3.97	ND
0821	Ra-226+228	ND	ND	ND	ND	ND	1.30	ND	ND
	Gross alpha	–	–	4.61	1.82	1.76	2.49	ND	3.55
	Gross beta	–	–	5.77	2.83	2.92	2.59	2.95	4.46
0829	Ra-226+228	ND	–	ND	ND	ND	ND	–	1.22
	Gross alpha	–	–	6.32	ND	1.47	1.49	–	1.98
	Gross beta	–	–	7.65	2.41	2.45	ND	–	ND
0830	Ra-226+228	ND	–	ND	ND	ND	ND	–	ND
	Gross alpha	–	–	2.28	1.24	2.48	2.48	–	1.47
	Gross beta	–	–	2.26	ND	2.89	2.19	–	2.54

¹Concentrations are in pCi/L; ND – not detected for gross alpha or gross beta, and when one or more values were not detected for Ra-226 + Ra-228.

Note: Uranium was not elevated prior to the flushing program, so it was not included in the frequency analysis. Because of the short flushing time (1.5 minutes) at location 0834, only one sample was collected and, therefore, was not included in the frequency analysis.

To determine if radionuclides had concentrated between flushing events, end-of-flush sample results were compared to the 5-minute sample results from the subsequent flushing event to determine if radionuclides were concentrating between flushes. To determine the optimal flushing frequency, three time periods were assessed: (1) 2 to 3 months, (2) 5 months, and (3) 9 months.

In the 2- to 3-month time periods (June 2006 end of flush to August 2006, March 2007 end of flush to June 2007 5-minute, June 2007 end of flush to August 2007), concentrations of radionuclides increased slightly in some cases, but concentrations were low and below standards, indicating no significant concentration of radionuclides during this period. In the 5-month period (June 2007 end of flush to November 2007 5-minute), concentrations of radionuclides were generally comparable with some slight increases and some slight decreases in concentrations; all concentrations were below applicable standards, indicating no significant concentration of radionuclides during the 5-month period.

Results from the 9-month period (June 2006 end of flush to March 2007 5-minute), however, indicate an increase and concentration of radionuclides. As shown in Table 5, radium-226+228 concentrations from locations 0818 and 0820 went from below detection in the June 2006 end-of-flush sample to above detection in the March 2007 5-minute sample; elevated and significant (above the gross alpha standard) concentrations of gross alpha and gross beta were measured in the March 2007 5-minute sample. In addition, concentrations of radium-226+228, gross alpha, and gross beta decreased significantly between the March 2007 5-minute sample and the March 2007 end-of-flush sample.

5.0 Conclusions

Results from this 2-year study prove that a unidirectional flushing program is effective in controlling radionuclide buildup in the alternate water supply system. Measurements of pH in soils adjacent to a portion AWSS water line indicate no impact to soils from historic acid spills at the nearby sulfuric acid plant. Average flushing velocities measured during the flushing program are capable of removing sediment and loosely attached particles accumulated in the system and, in sections of the pipeline, remove adhered material and biofilm. Comparison of radionuclide concentrations in samples collected from hydrant locations prior to the flushing program with sample concentrations during the flushing program indicate a reduction of radionuclide concentrations to acceptable levels and below applicable standards. Radionuclide concentrations in samples collected from domestic taps have been low and below standards prior to or during flushing activities. Analysis of flushing frequency indicates that concentrations of radionuclides increase with a 9-month interval between flushing events, but no significant difference is discernable between 2-month, 3-month, and 5-month flushing intervals; therefore, unidirectional flushing on a 6-month interval is optimal to maintain radionuclide concentrations in the system at acceptable levels. Details of a unidirectional flushing program based on the recent flushing program and the results of this report can be used to enhance NAUO's current operation and maintenance procedures.

6.0 References

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Appendix A
Hydrant Data

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GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
				DATE	ID			LAB	DATA	QA	
Alkalinity, Total (As CaCO3)	mg/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	161	#	-	-	-
	mg/L	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	157	#	-	-	-
	mg/L	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	170	#	-	-	-
	mg/L	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	175	#	-	-	-
	mg/L	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	157	#	-	-	-
	mg/L	0818	DS, HDRT	08/21/2007	0001	0.00 - 0.00	168	#	-	-	-
	mg/L	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	164	#	-	-	-
	mg/L	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	165	#	-	-	-
	mg/L	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	148	#	-	-	-
	mg/L	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	167	#	-	-	-
	mg/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	191	#	-	-	-
	mg/L	0819	DS, HDRT	08/21/2007	0001	0.00 - 0.00	158	#	-	-	-
	mg/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	160	#	-	-	-
	mg/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	156	#	-	-	-
	mg/L	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	134	#	-	-	-
	mg/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	158	#	-	-	-
	mg/L	0820	DS, HDRT	08/21/2007	0001	0.00 - 0.00	153	#	-	-	-
	mg/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	157	#	-	-	-
	mg/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	149	#	-	-	-
	mg/L	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	130	#	-	-	-
	mg/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	153	#	-	-	-
	mg/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	180	#	-	-	-
	mg/L	0821	DS, HDRT	08/21/2007	0001	0.00 - 0.00	153	#	-	-	-
	mg/L	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	182	#	-	-	-
	mg/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	154	#	-	-	-
	mg/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	168	#	-	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:		
				DATE	ID			LAB	DATA	QA
Alkalinity, Total (As CaCO3)	mg/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	157	#	-	-
	mg/L	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	172	#	-	-
	mg/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	204	#	-	-
	mg/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	155	#	-	-
	mg/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	141	#	-	-
	mg/L	0834	DS, HDRT	06/07/2007	0001	0.00 - 0.00	167	#	-	-
	mg/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	156	#	-	-
	mg/L	0835	DS, HDRT	08/21/2007	0001	0.00 - 0.00	157	#	-	-
Chlorine, Total Residual	mg/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.04	#	-	-
	mg/L	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.19	#	-	-
	mg/L	0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	0.24	#	-	-
	mg/L	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.37	#	-	-
	mg/L	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.67	#	-	-
	mg/L	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	0.75	#	-	-
	mg/L	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.27	#	-	-
	mg/L	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.23	#	-	-
	mg/L	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.04	#	-	-
	mg/L	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.27	#	-	-
	mg/L	0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	0.25	#	-	-
	mg/L	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.24	#	-	-
	mg/L	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.54	#	-	-
	mg/L	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	0.71	#	-	-
	mg/L	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.25	#	-	-
	mg/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.22	#	-	-
	mg/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.15	#	-	-
	mg/L	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.25	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Chlorine, Total Residual	mg/L	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	0.14	#	-	-
	mg/L	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.29	#	-	-
	mg/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.45	#	-	-
	mg/L	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	0.69	#	-	-
	mg/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.22	#	-	-
	mg/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.04	#	-	-
	mg/L	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.27	#	-	-
	mg/L	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	0.35	#	-	-
	mg/L	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.68	#	-	-
	mg/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.50	#	-	-
	mg/L	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	0.68	#	-	-
	mg/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.25	#	-	-
	mg/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	0.23	#	-	-
	mg/L	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.25	#	-	-
	mg/L	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	0.29	#	-	-
	mg/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.49	#	-	-
	mg/L	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	0.71	#	-	-
	mg/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.54	#	-	-
	mg/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.25	#	-	-
	mg/L	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.23	#	-	-
	mg/L	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	0.24	#	-	-
	mg/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.78	#	-	-
	mg/L	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	0.71	#	-	-
	mg/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.25	#	-	-
	mg/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.22	#	-	-
	mg/L	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.27	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
				DATE	ID			LAB	DATA	QA	
Chlorine, Total Residual	mg/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.64	#	-	-	-
	mg/L	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.20	#	-	-	-
	mg/L	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.43	#	-	-	-
	mg/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.60	#	-	-	-
Dissolved Oxygen	mg/L	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	5.18	#	-	-	-
	mg/L	0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	5.96	#	-	-	-
	mg/L	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	3.77	#	-	-	-
	mg/L	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.35	#	-	-	-
	mg/L	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	7.28	#	-	-	-
	mg/L	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.16	#	-	-	-
	mg/L	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.41	#	-	-	-
	mg/L	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.81	#	-	-	-
	mg/L	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	2.76	#	-	-	-
	mg/L	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.92	#	-	-	-
	mg/L	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	5.88	#	-	-	-
	mg/L	0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	5.84	#	-	-	-
	mg/L	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	3.88	#	-	-	-
	mg/L	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.99	#	-	-	-
	mg/L	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	8.46	#	-	-	-
	mg/L	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.04	#	-	-	-
	mg/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.85	#	-	-	-
	mg/L	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.07	#	-	-	-
	mg/L	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	5.94	#	-	-	-
	mg/L	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	4.31	#	-	-	-
mg/L	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	4.65	#	-	-	-	
mg/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	6.58	#	-	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	6.65	#	-	-
	mg/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	2.04	#	-	-
	mg/L	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.91	#	-	-
	mg/L	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	6.43	#	-	-
	mg/L	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	2.10	#	-	-
	mg/L	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	5.16	#	-	-
	mg/L	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	6.30	#	-	-
	mg/L	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	6.00	#	-	-
	mg/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	6.26	#	-	-
	mg/L	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	5.28	#	-	-
	mg/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	2.01	#	-	-
	mg/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	1.98	#	-	-
	mg/L	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.66	#	-	-
	mg/L	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	2.25	#	-	-
	mg/L	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	2.35	#	-	-
	mg/L	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	5.96	#	-	-
	mg/L	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	5.97	#	-	-
	mg/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	8.08	#	-	-
	mg/L	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	6.99	#	-	-
	mg/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.72	#	-	-
	mg/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	3.01	#	-	-
	mg/L	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	3.96	#	-	-
	mg/L	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	4.57	#	-	-
	mg/L	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	7.19	#	-	-
	mg/L	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	8.36	#	-	-
	mg/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.24	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY	
Dissolved Oxygen	mg/L	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	7.94		#	-	-
	mg/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	3.10		#	-	-
	mg/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	2.08		#	-	-
	mg/L	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	3.87		#	-	-
	mg/L	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.55		#	-	-
	mg/L	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	6.72		#	-	-
	mg/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	8.73		#	-	-
	mg/L	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	1.90		#	-	-
	mg/L	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	1.40		#	-	-
	mg/L	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	4.22		#	-	-
	mg/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	6.55		#	-	-
	mg/L	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	3.02		#	-	-
	Gross Alpha	pCi/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	16.4		#	0.926
pCi/L		0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	5.91		#	1.12	± 1.42
pCi/L		0818	DS, HDRT	03/20/2007	N003	0.00 - 0.00	2.79	J	#	0.999	± 0.90
pCi/L		0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.32	J	#	0.867	± 0.79
pCi/L		0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.8	J	#	1.1	± 0.79
pCi/L		0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	2.2	J	#	1.06	± 0.85
pCi/L		0818	DS, HDRT	08/21/2007	N002	0.00 - 0.00	1.28	U	#	1.28	± 0.77
pCi/L		0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	2.22	J	#	1.4	± 0.99
pCi/L		0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.33	J	#	0.879	± 0.64
pCi/L		0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	18.6		#	1.43	± 3.49
pCi/L		0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	9.83		#	0.955	± 1.96
pCi/L		0819	DS, HDRT	03/20/2007	N002	0.00 - 0.00	12		#	1.13	± 2.38
pCi/L		0819	DS, HDRT	03/21/2007	N003	0.00 - 0.00	1.47	J	#	1.11	± 0.74
pCi/L		0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.59	J	#	0.954	± 0.87

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Gross Alpha	pCi/L	0819	DS, HDRT	06/06/2007	N002	0.00 - 0.00	2.11	J #	0.971	± 0.80
	pCi/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.79	J #	0.907	± 0.73
	pCi/L	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.32	J #	1.31	± 0.83
	pCi/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	70.7	#	1.01	± 11.7
	pCi/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	16.9	#	1.01	± 3.16
	pCi/L	0820	DS, HDRT	03/21/2007	N003	0.00 - 0.00	1.99	J #	1.12	± 0.84
	pCi/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	2.02	J #	1.21	± 0.87
	pCi/L	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	2.02	J #	1.06	± 0.82
	pCi/L	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	1.65	J #	0.948	± 0.72
	pCi/L	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	1.24	J #	1.08	± 0.71
	pCi/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	11.4	#	0.724	± 2.07
	pCi/L	0821	DS, HDRT	05/19/2004	N002	0.00 - 0.00	12	#	0.853	± 2.18
	pCi/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	4.61	#	1.06	± 1.21
	pCi/L	0821	DS, HDRT	03/21/2007	N003	0.00 - 0.00	1.82	J #	1.23	± 0.84
	pCi/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	1.76	J #	0.988	± 0.73
	pCi/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	2.49	J #	0.975	± 0.86
	pCi/L	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.32	U #	1.32	± 0.81
	pCi/L	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	3.55	J #	1.37	± 1.15
	pCi/L	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.05	U #	1.05	± 0.66
	pCi/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	6.32	#	1.27	± 1.54
	pCi/L	0829	DS, HDRT	03/20/2007	N003	0.00 - 0.00	1.05	U #	1.05	± 0.65
	pCi/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	1.47	J #	1.08	± 0.73
	pCi/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.49	J #	1.19	± 0.79
	pCi/L	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	1.98	J #	1.02	± 0.81
	pCi/L	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.08	U #	1.08	± 0.66
	pCi/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	2.28	J #	1.04	± 0.84

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
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PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Gross Alpha	pCi/L	0830	DS, HDRT	03/20/2007	N003	0.00 - 0.00	1.24	J #	0.887	± 0.63
	pCi/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.48	J #	0.886	± 0.83
	pCi/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.37	J #	0.975	± 0.67
	pCi/L	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	1.47	J #	0.935	± 0.68
	pCi/L	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.12	U #	1.12	± 0.71
	pCi/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	1.54	J #	1.04	± 0.73
	pCi/L	0834	DS, HDRT	06/07/2007	0001	0.00 - 0.00	1.38	J #	1.17	± 0.76
	pCi/L	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	1.99	J #	0.932	± 0.78
	pCi/L	0834	DS, HDRT	11/14/2007	N002	0.00 - 0.00	1.45	J #	0.981	± 0.70
	pCi/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	4.73	#	1.08	± 1.22
	pCi/L	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	6.27	#	0.997	± 1.42
	Gross Beta	pCi/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	24.3	#	1.85
pCi/L		0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.39	#	2.11	± 1.76
pCi/L		0818	DS, HDRT	03/20/2007	N003	0.00 - 0.00	2.75	J #	2.1	± 1.28
pCi/L		0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	3.49	J #	1.6	± 1.08
pCi/L		0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	2.22	J #	1.78	± 1.05
pCi/L		0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	2.76	J #	2.08	± 1.30
pCi/L		0818	DS, HDRT	08/21/2007	N002	0.00 - 0.00	2.02	U #	2.02	± 1.20
pCi/L		0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	2.04	J #	1.97	± 1.17
pCi/L		0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.91	J #	1.87	± 1.10
pCi/L		0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	24.1	#	2.1	± 4.20
pCi/L		0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	15	#	2.08	± 2.80
pCi/L		0819	DS, HDRT	03/20/2007	N002	0.00 - 0.00	14.2	#	2.09	± 2.69
pCi/L		0819	DS, HDRT	03/21/2007	N003	0.00 - 0.00	2.01	U #	2.01	± 1.14
pCi/L		0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.59	J #	1.82	± 1.10
pCi/L		0819	DS, HDRT	06/06/2007	N002	0.00 - 0.00	2.68	J #	1.92	± 1.15

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Gross Beta	pCi/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	2.03	J #	1.78	± 1.03
	pCi/L	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	2.46	J #	1.84	± 1.14
	pCi/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	53.5	#	2.38	± 8.81
	pCi/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	17.8	#	2.27	± 3.26
	pCi/L	0820	DS, HDRT	03/21/2007	N003	0.00 - 0.00	2.1	U #	2.1	± 1.15
	pCi/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	2.24	J #	1.83	± 1.07
	pCi/L	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	3.97	J #	2.11	± 1.42
	pCi/L	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	1.82	U #	1.82	± 1.07
	pCi/L	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	2.21	J #	1.91	± 1.14
	pCi/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	18.4	#	1.27	± 3.11
	pCi/L	0821	DS, HDRT	05/19/2004	N002	0.00 - 0.00	17.7	#	1.28	± 3.01
	pCi/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	5.77	J #	2.08	± 1.54
	pCi/L	0821	DS, HDRT	03/21/2007	N003	0.00 - 0.00	2.83	J #	2.04	± 1.23
	pCi/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	2.92	J #	1.57	± 1.01
	pCi/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	2.59	J #	1.92	± 1.14
	pCi/L	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	2.95	J #	1.98	± 1.25
	pCi/L	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	4.46	J #	1.9	± 1.34
	pCi/L	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	2.29	J #	1.73	± 1.06
	pCi/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.65	#	2.05	± 1.76
	pCi/L	0829	DS, HDRT	03/20/2007	N003	0.00 - 0.00	2.41	J #	2.04	± 1.20
	pCi/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.45	J #	1.68	± 1.02
	pCi/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.83	U #	1.83	± 1.01
	pCi/L	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	2.06	U #	2.06	± 1.18
	pCi/L	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	3.46	J #	2	± 1.29
	pCi/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	2.26	J #	2.16	± 1.32
	pCi/L	0830	DS, HDRT	03/20/2007	N003	0.00 - 0.00	2.15	U #	2.15	± 1.20

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Gross Beta	pCi/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.89	J	#	1.69	± 1.06	
	pCi/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	2.19	J	#	1.57	± 0.94	
	pCi/L	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	2.54	J	#	1.94	± 1.18	
	pCi/L	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	2.06	U	#	2.06	± 1.16	
	pCi/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	2.26	U	#	2.26	± 1.27	
	pCi/L	0834	DS, HDRT	06/07/2007	0001	0.00 - 0.00	1.88	J	#	1.82	± 1.04	
	pCi/L	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	2.62	J	#	2.25	± 1.35	
	pCi/L	0834	DS, HDRT	11/14/2007	N002	0.00 - 0.00	1.86	J	#	1.86	± 1.09	
	pCi/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	6.38	J	#	2.21	± 1.69	
	pCi/L	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	8.38		#	2.11	± 1.91	
	Oxidation Reduction Potent	mV	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	93		#	-	-
mV		0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	217		#	-	-	
mV		0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	273		#	-	-	
mV		0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	153.5		#	-	-	
mV		0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	231.0		#	-	-	
mV		0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	220		#	-	-	
mV		0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	251		#	-	-	
mV		0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	261		#	-	-	
mV		0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	171		#	-	-	
mV		0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	250		#	-	-	
mV		0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	262		#	-	-	
mV		0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	126		#	-	-	
mV		0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	245		#	-	-	
mV		0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	214		#	-	-	
mV		0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	129.2		#	-	-	
mV		0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	175		#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	149	#	-	-
	mV	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	195	#	-	-
	mV	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	218	#	-	-
	mV	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	194.4	#	-	-
	mV	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	242	#	-	-
	mV	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	306	#	-	-
	mV	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	220	#	-	-
	mV	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	165.4	#	-	-
	mV	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	180	#	-	-
	mV	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	179	#	-	-
	mV	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	235	#	-	-
	mV	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	245	#	-	-
	mV	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	206	#	-	-
	mV	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	209	#	-	-
	mV	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	222	#	-	-
	mV	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	156	#	-	-
	mV	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	45.0	#	-	-
	mV	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	299.7	#	-	-
	mV	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	172	#	-	-
	mV	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	155	#	-	-
	mV	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	229	#	-	-
	mV	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	237	#	-	-
	mV	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	208	#	-	-
	mV	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	262	#	-	-
mV	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	257	#	-	-	
mV	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	323	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	281	#	-	-
	mV	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	128.0	#	-	-
	mV	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	123.6	#	-	-
	mV	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	250	#	-	-
	mV	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	255	#	-	-
	mV	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	233	#	-	-
	mV	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	232	#	-	-
	mV	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	200	#	-	-
	mV	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	258	#	-	-
	mV	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	183	#	-	-
	mV	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	179	#	-	-
	mV	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	236	#	-	-
	mV	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	234	#	-	-
	mV	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	247	#	-	-
	mV	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	257	#	-	-
	mV	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	317	#	-	-
	mV	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	162	#	-	-
	mV	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	239	#	-	-
	mV	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	232	#	-	-
	pH	s.u.	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	9.18	#	-
s.u.		0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	8.98	#	-	-
s.u.		0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	8.43	#	-	-
s.u.		0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	8.90	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	8.71	#	-	-
	s.u.	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	8.88	#	-	-
	s.u.	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	8.85	#	-	-
	s.u.	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	8.86	#	-	-
	s.u.	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	8.77	#	-	-
	s.u.	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	8.64	#	-	-
	s.u.	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	8.68	#	-	-
	s.u.	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	9.22	#	-	-
	s.u.	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	8.91	#	-	-
	s.u.	0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	8.48	#	-	-
	s.u.	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	8.87	#	-	-
	s.u.	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	8.85	#	-	-
	s.u.	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	7.48	#	-	-
	s.u.	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	8.75	#	-	-
	s.u.	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	8.83	#	-	-
	s.u.	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	8.80	#	-	-
	s.u.	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	9.17	#	-	-
	s.u.	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	8.99	#	-	-
	s.u.	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	8.99	#	-	-
	s.u.	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	8.90	#	-	-
	s.u.	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	8.63	#	-	-
	s.u.	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	8.78	#	-	-
	s.u.	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	8.91	#	-	-
	s.u.	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	8.81	#	-	-
	s.u.	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	8.35	#	-	-
	s.u.	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	8.61	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	9.21	#	-	-
	s.u.	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	9.08	#	-	-
	s.u.	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	9.03	#	-	-
	s.u.	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	8.87	#	-	-
	s.u.	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	8.19	#	-	-
	s.u.	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	8.61	#	-	-
	s.u.	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	8.61	#	-	-
	s.u.	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	8.90	#	-	-
	s.u.	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	8.82	#	-	-
	s.u.	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	8.70	#	-	-
	s.u.	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	8.72	#	-	-
	s.u.	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	8.43	#	-	-
	s.u.	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	8.25	#	-	-
	s.u.	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.27	#	-	-
	s.u.	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	8.50	#	-	-
	s.u.	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	8.39	#	-	-
	s.u.	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	8.81	#	-	-
	s.u.	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	6.69	#	-	-
	s.u.	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	8.57	#	-	-
	s.u.	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	8.88	#	-	-
	s.u.	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	8.85	#	-	-
	s.u.	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.32	#	-	-
	s.u.	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	8.94	#	-	-
	s.u.	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	8.83	#	-	-
	s.u.	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	8.85	#	-	-
	s.u.	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	8.62	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
				DATE	ID			LAB	DATA	QA		DETECTION LIMIT
pH	s.u.	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	8.67			#	-	-
	s.u.	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	9.05			#	-	-
	s.u.	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	8.83			#	-	-
	s.u.	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	8.91			#	-	-
	s.u.	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	8.71			#	-	-
	s.u.	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	8.91			#	-	-
	s.u.	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	8.74			#	-	-
	s.u.	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	8.84			#	-	-
Radium-226	pCi/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	1.58		J	#	0.555	± 0.60
	pCi/L	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.443	U		#	0.591	± 0.42
	pCi/L	0818	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.396	U		#	1.44	± 0.85
	pCi/L	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.55	J	J	#	0.19	± 0.19
	pCi/L	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.484		J	#	0.32	± 0.28
	pCi/L	0818	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.67		J	#	0.556	± 0.43
	pCi/L	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.477	U		#	0.477	± 0.28
	pCi/L	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.552	U		#	0.552	± 0.31
	pCi/L	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.953		J	#	0.472	± 0.46
	pCi/L	0818	DS, HDRT	08/21/2007	N002	0.00 - 0.00	0.344	U		#	0.344	± 0.23
	pCi/L	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.899	U		#	0.899	± 0.49
	pCi/L	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.556		J	#	0.392	± 0.34
	pCi/L	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	1.64			#	0.347	± 0.58
	pCi/L	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.0764	U		#	1.98	± 1.09
	pCi/L	0819	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.988		J	#	0.824	± 0.67
	pCi/L	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.38	J		#	0.18	± 0.17
	pCi/L	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	1.74			#	0.55	± 0.66
	pCi/L	0819	DS, HDRT	03/20/2007	N002	0.00 - 0.00	1.5			#	0.373	± 0.54

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Radium-226	pCi/L	0819	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.487		J	#	0.255	± 0.26
	pCi/L	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.686	U		#	0.686	± 0.41
	pCi/L	0819	DS, HDRT	06/06/2007	N002	0.00 - 0.00	0.504	U		#	0.504	± 0.35
	pCi/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.384	U		#	0.384	± 0.28
	pCi/L	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.665	U		#	0.665	± 0.43
	pCi/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	7.98			#	0.451	± 2.12
	pCi/L	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.369	U		#	1.15	± 0.68
	pCi/L	0820	DS, HDRT	06/14/2006	N002	0.00 - 0.00	0.325	U		#	0.814	± 0.49
	pCi/L	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.61	J		#	0.17	± 0.19
	pCi/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	1.96			#	0.412	± 0.65
	pCi/L	0820	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.596		J	#	0.534	± 0.41
	pCi/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.468	U		#	0.468	± 0.24
	pCi/L	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.392	U		#	0.392	± 0.28
	pCi/L	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	0.634	U		#	0.634	± 0.37
	pCi/L	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	0.452	U		#	0.452	± 0.26
	pCi/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	1.64			#	0.454	± 0.60
	pCi/L	0821	DS, HDRT	05/19/2004	N002	0.00 - 0.00	0.766	U		#	0.766	± 0.52
	pCi/L	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.135	U		#	0.633	± 0.35
	pCi/L	0821	DS, HDRT	06/14/2006	N002	0.00 - 0.00	0.215	U		#	1.32	± 0.75
	pCi/L	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.43	J	J	#	0.19	± 0.18
	pCi/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.403	U		#	0.403	± 0.29
	pCi/L	0821	DS, HDRT	03/21/2007	N003	0.00 - 0.00	1.21	U		#	1.21	± 0.62
	pCi/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.477	U		#	0.477	± 0.33
	pCi/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	0.512		J	#	0.19	± 0.24
	pCi/L	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.639	U		#	0.639	± 0.32
	pCi/L	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.641	U		#	0.641	± 0.40

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY		
Radium-226	pCi/L	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.662	U	#	0.662	± 0.40	
	pCi/L	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.781	U	#	1.11	± 0.74	
	pCi/L	0829	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.483	U	#	0.766	± 0.51	
	pCi/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.991		J	#	0.456	± 0.45
	pCi/L	0829	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.577	U	#	0.577	± 0.34	
	pCi/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.477	U	#	0.477	± 0.30	
	pCi/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.494	U	#	0.494	± 0.28	
	pCi/L	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.363		J	#	0.272	± 0.24
	pCi/L	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.323	U	#	0.323	± 0.23	
	pCi/L	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	1.2	U	#	2.01	± 1.30	
	pCi/L	0830	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.199	U	#	0.521	± 0.31	
	pCi/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.757		J	#	0.467	± 0.42
	pCi/L	0830	DS, HDRT	03/20/2007	N003	0.00 - 0.00	1.35		J	#	0.577	± 0.59
	pCi/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.36	U	#	0.36	± 0.23	
	pCi/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.49		#	0.296	± 0.53	
	pCi/L	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.724	U	#	0.724	± 0.42	
	pCi/L	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.877		J	#	0.47	± 0.46
	pCi/L	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.52	U	#	0.78	± 0.53	
	pCi/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.55	U	#	0.55	± 0.34	
	pCi/L	0834	DS, HDRT	06/07/2007	0001	0.00 - 0.00	0.562		J	#	0.329	± 0.30
	pCi/L	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	0.425	U	#	0.425	± 0.28	
	pCi/L	0834	DS, HDRT	11/14/2007	N002	0.00 - 0.00	0.252	U	#	0.252	± 0.18	
	pCi/L	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.81	J	#	0.17	± 0.22	
	pCi/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.593		J	#	0.421	± 0.34
pCi/L	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.24		#	0.37	± 0.49		
Radium-228	pCi/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	2.31		#	0.746	± 0.82	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
				DATE	ID			LAB	DATA	QA	
Radium-228	pCi/L	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	1.15	J	#	0.675	± 0.50
	pCi/L	0818	DS, HDRT	06/13/2006	N002	0.00 - 0.00	1.04	J	#	0.617	± 0.46
	pCi/L	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.63	U	#	0.63	± 0.39
	pCi/L	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	1.02	J	#	0.704	± 0.48
	pCi/L	0818	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.701	J	#	0.648	± 0.39
	pCi/L	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.738	U	#	0.738	± 0.42
	pCi/L	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.818	U	#	0.818	± 0.45
	pCi/L	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.04	J	#	0.702	± 0.48
	pCi/L	0818	DS, HDRT	08/21/2007	N002	0.00 - 0.00	0.895	U	#	0.895	± 0.53
	pCi/L	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	1.38	J	#	0.654	± 0.55
	pCi/L	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.42	J	#	0.683	± 0.57
	pCi/L	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	2.33		#	0.741	± 0.82
	pCi/L	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.56	U	#	0.676	± 0.38
	pCi/L	0819	DS, HDRT	06/13/2006	N002	0.00 - 0.00	1.21	J	#	0.697	± 0.52
	pCi/L	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.65	U	#	0.65	± 0.41
	pCi/L	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	2.04	J	#	0.689	± 0.73
	pCi/L	0819	DS, HDRT	03/20/2007	N002	0.00 - 0.00	1.97		#	0.636	± 0.70
	pCi/L	0819	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.665	U	#	0.665	± 0.34
	pCi/L	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.735	U	#	0.735	± 0.37
	pCi/L	0819	DS, HDRT	06/06/2007	N002	0.00 - 0.00	0.893	J	#	0.842	± 0.50
	pCi/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.856	U	#	0.856	± 0.48
	pCi/L	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.714	J	#	0.709	± 0.42
	pCi/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	7.93		#	0.746	± 2.43
	pCi/L	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.744	J	#	0.668	± 0.41
	pCi/L	0820	DS, HDRT	06/14/2006	N002	0.00 - 0.00	0.908	J	#	0.678	± 0.45
	pCi/L	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.66	U	#	0.66	± 0.42

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Radium-228	pCi/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	1.53	J #	0.592	± 0.57
	pCi/L	0820	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.594	U #	0.594	± 0.31
	pCi/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.869	U #	0.869	± 0.47
	pCi/L	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.24	J #	0.785	± 0.56
	pCi/L	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	1.48	J #	0.698	± 0.59
	pCi/L	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	1.23	J #	0.658	± 0.51
	pCi/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	1.73	J #	0.685	± 0.65
	pCi/L	0821	DS, HDRT	05/19/2004	N002	0.00 - 0.00	1.58	J #	0.724	± 0.62
	pCi/L	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.698	J #	0.628	± 0.39
	pCi/L	0821	DS, HDRT	06/14/2006	N002	0.00 - 0.00	0.994	J #	0.692	± 0.47
	pCi/L	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.71	U #	0.71	± 0.44
	pCi/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.575	J #	0.571	± 0.34
	pCi/L	0821	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.579	U #	0.579	± 0.33
	pCi/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.864	J #	0.757	± 0.47
	pCi/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	0.792	J #	0.775	± 0.46
	pCi/L	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.94	J #	0.606	± 0.43
	pCi/L	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	1.07	J #	0.702	± 0.49
	pCi/L	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.828	J #	0.757	± 0.46
	pCi/L	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.589	U #	0.668	± 0.38
	pCi/L	0829	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.755	J #	0.681	± 0.42
	pCi/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.587	U #	0.587	± 0.34
	pCi/L	0829	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.617	U #	0.617	± 0.35
	pCi/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.881	U #	0.881	± 0.46
	pCi/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.857	U #	0.857	± 0.47
	pCi/L	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.859	J #	0.7	± 0.45
	pCi/L	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.907	J #	0.672	± 0.44

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Radium-228	pCi/L	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.709	J #	0.67	± 0.40
	pCi/L	0830	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.737	U #	0.763	± 0.45
	pCi/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.635	U #	0.635	± 0.37
	pCi/L	0830	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.564	U #	0.564	± 0.31
	pCi/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.842	U #	0.842	± 0.43
	pCi/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.823	U #	0.823	± 0.41
	pCi/L	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	1.25	J #	0.696	± 0.53
	pCi/L	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.902	J #	0.665	± 0.44
	pCi/L	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.621	U #	0.705	± 0.40
	pCi/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.657	U #	0.657	± 0.35
	pCi/L	0834	DS, HDRT	06/07/2007	0001	0.00 - 0.00	1.08	J #	1.04	± 0.62
	pCi/L	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	0.71	U #	0.71	± 0.37
	pCi/L	0834	DS, HDRT	11/14/2007	N002	0.00 - 0.00	0.819	J #	0.688	± 0.43
	pCi/L	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.78	J J #	0.56	± 0.37
	pCi/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.636	J #	0.591	± 0.36
	pCi/L	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.96	J #	0.732	± 0.72
Specific Conductance	umhos/cm	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	636	#	-	-
	umhos/cm	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	612	#	-	-
	umhos/cm	0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	611	#	-	-
	umhos/cm	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	609	#	-	-
	umhos/cm	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	664	#	-	-
	umhos/cm	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	664	#	-	-
	umhos/cm	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	647	#	-	-
	umhos/cm	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	647	#	-	-
	umhos/cm	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	652	#	-	-
	umhos/cm	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	653	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	651	#	-	-
	umhos/cm	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	628	#	-	-
	umhos/cm	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	615	#	-	-
	umhos/cm	0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	619	#	-	-
	umhos/cm	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	618	#	-	-
	umhos/cm	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	679	#	-	-
	umhos/cm	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	668	#	-	-
	umhos/cm	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	651	#	-	-
	umhos/cm	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	651	#	-	-
	umhos/cm	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	638	#	-	-
	umhos/cm	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	631	#	-	-
	umhos/cm	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	611	#	-	-
	umhos/cm	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	621	#	-	-
	umhos/cm	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	613	#	-	-
	umhos/cm	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	661	#	-	-
	umhos/cm	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	661	#	-	-
	umhos/cm	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	637	#	-	-
	umhos/cm	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	636	#	-	-
	umhos/cm	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	780	#	-	-
	umhos/cm	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	654	#	-	-
	umhos/cm	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	628	#	-	-
	umhos/cm	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	612	#	-	-
	umhos/cm	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	613	#	-	-
	umhos/cm	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	622	#	-	-
	umhos/cm	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	663	#	-	-
	umhos/cm	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	659	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	648	#	-	-
	umhos/cm	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	642	#	-	-
	umhos/cm	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	640	#	-	-
	umhos/cm	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	652	#	-	-
	umhos/cm	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	647	#	-	-
	umhos/cm	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	612	#	-	-
	umhos/cm	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	663	#	-	-
	umhos/cm	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	658	#	-	-
	umhos/cm	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	673	#	-	-
	umhos/cm	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	643	#	-	-
	umhos/cm	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	650	#	-	-
	umhos/cm	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	731	#	-	-
	umhos/cm	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	651	#	-	-
	umhos/cm	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	619	#	-	-
	umhos/cm	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	617	#	-	-
	umhos/cm	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	660	#	-	-
	umhos/cm	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	665	#	-	-
	umhos/cm	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	650	#	-	-
	umhos/cm	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	650	#	-	-
	umhos/cm	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	653	#	-	-
	umhos/cm	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	655	#	-	-
	umhos/cm	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	610	#	-	-
	umhos/cm	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	664	#	-	-
	umhos/cm	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	637	#	-	-
	umhos/cm	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	657	#	-	-
	umhos/cm	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	616	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:		
				DATE	ID			LAB	DATA	QA
Specific Conductance	umhos/cm	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	662	#	-	-
	umhos/cm	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	635	#	-	-
Temperature	C	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	11.8	#	-	-
	C	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	15.53	#	-	-
	C	0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	13.15	#	-	-
	C	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	17.89	#	-	-
	C	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	6.04	#	-	-
	C	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	11.34	#	-	-
	C	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	12.6	#	-	-
	C	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	14.1	#	-	-
	C	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	19.50	#	-	-
	C	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	15.0	#	-	-
	C	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	13.3	#	-	-
	C	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	10.0	#	-	-
	C	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	15.07	#	-	-
	C	0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	12.70	#	-	-
	C	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	16.45	#	-	-
	C	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	6.90	#	-	-
	C	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	6.91	#	-	-
	C	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	13.7	#	-	-
	C	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	15.7	#	-	-
	C	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	17.56	#	-	-
C	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	11.1	#	-	-	
C	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	13.48	#	-	-	
C	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	13.90	#	-	-	
C	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	17.33	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	5.87	#	-	-
	C	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	7.66	#	-	-
	C	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	11.7	#	-	-
	C	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	17.70	#	-	-
	C	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	12.5	#	-	-
	C	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	12.4	#	-	-
	C	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	11.2	#	-	-
	C	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	13.17	#	-	-
	C	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	12.48	#	-	-
	C	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	17.02	#	-	-
	C	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	7.07	#	-	-
	C	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	7.15	#	-	-
	C	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	10.5	#	-	-
	C	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	10.8	#	-	-
	C	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	17.84	#	-	-
	C	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	12.8	#	-	-
	C	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	11.8	#	-	-
	C	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	16.43	#	-	-
	C	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	14.19	#	-	-
	C	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	7.00	#	-	-
	C	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	12.79	#	-	-
	C	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	12.8	#	-	-
	C	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	14.2	#	-	-
	C	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	15.15	#	-	-
	C	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	13.16	#	-	-
	C	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	16.3	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	14.67	#	-	-
	C	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	10.87	#	-	-
	C	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	12.26	#	-	-
	C	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	14.5	#	-	-
	C	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	14.8	#	-	-
	C	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	12.7	#	-	-
	C	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	13.2	#	-	-
	C	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	13.18	#	-	-
	C	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	7.85	#	-	-
	C	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	11.3	#	-	-
	C	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	12.9	#	-	-
	C	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	17.92	#	-	-
	C	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	6.00	#	-	-
	C	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	17.81	#	-	-
Turbidity	NTU	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	2.67	#	-	-
	NTU	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.84	#	-	-
	NTU	0818	DS, HDRT	06/13/2006	N002	999.00 - 999.00	0.85	#	-	-
	NTU	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	2.92	#	-	-
	NTU	0818	DS, HDRT	03/20/2007	N003	999.00 - 999.00	1.66	#	-	-
	NTU	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	1.60	#	-	-
	NTU	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.88	#	-	-
	NTU	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	1.38	#	-	-
	NTU	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.58	#	-	-
	NTU	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.57	#	-	-
	NTU	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	3.15	#	-	-
	NTU	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	1.06	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0819	DS, HDRT	06/13/2006	N002	999.00 - 999.00	1.04	#	-	-
	NTU	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	25.8	#	-	-
	NTU	0819	DS, HDRT	03/21/2007	N003	999.00 - 999.00	0.86	#	-	-
	NTU	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	1.19	#	-	-
	NTU	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.97	#	-	-
	NTU	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.87	#	-	-
	NTU	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	8.15	#	-	-
	NTU	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	1.18	#	-	-
	NTU	0820	DS, HDRT	06/14/2006	N002	999.00 - 999.00	1.05	#	-	-
	NTU	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	78.0	#	-	-
	NTU	0820	DS, HDRT	03/21/2007	N003	999.00 - 999.00	0.58	#	-	-
	NTU	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.96	#	-	-
	NTU	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.57	#	-	-
	NTU	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	4.18	#	-	-
	NTU	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	0.48	#	-	-
	NTU	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	2.12	#	-	-
	NTU	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	1.42	#	-	-
	NTU	0821	DS, HDRT	06/14/2006	N002	999.00 - 999.00	3.85	#	-	-
	NTU	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	1.28	#	-	-
	NTU	0821	DS, HDRT	03/21/2007	N003	999.00 - 999.00	0.39	#	-	-
	NTU	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	1.29	#	-	-
	NTU	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	1.30	#	-	-
	NTU	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.85	#	-	-
	NTU	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.47	#	-	-
	NTU	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.16	#	-	-
	NTU	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	1.21	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0829	DS, HDRT	06/13/2006	N002	999.00 - 999.00	2.23	#	-	-
	NTU	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	3.28	#	-	-
	NTU	0829	DS, HDRT	03/20/2007	N003	999.00 - 999.00	1.57	#	-	-
	NTU	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	2.42	#	-	-
	NTU	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	2.51	#	-	-
	NTU	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	1.27	#	-	-
	NTU	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	1.31	#	-	-
	NTU	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.67	#	-	-
	NTU	0830	DS, HDRT	06/13/2006	N002	999.00 - 999.00	0.60	#	-	-
	NTU	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	1.36	#	-	-
	NTU	0830	DS, HDRT	03/20/2007	N003	999.00 - 999.00	1.28	#	-	-
	NTU	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	1.83	#	-	-
	NTU	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	1.49	#	-	-
	NTU	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.80	#	-	-
	NTU	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.58	#	-	-
	NTU	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	1.15	#	-	-
	NTU	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.63	#	-	-
	NTU	0834	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.78	#	-	-
	NTU	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	0.70	#	-	-
	NTU	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	2.11	#	-	-
NTU	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	4.82	#	-	-	
Uranium	mg/L	0818	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.00009	B U	# 2.8E-06	-
	mg/L	0818	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.00009	B U	# 3.4E-06	-
	mg/L	0818	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.00009	B U	# 3.4E-06	-
	mg/L	0818	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.00021	U	# 0.00021	-
	mg/L	0818	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.00009	B U	# 9E-06	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	0818	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.00008	B	U	#	9E-06	-
	mg/L	0818	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.00007	B	U	#	4.6E-06	-
	mg/L	0818	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.00005	B	U	#	4.6E-06	-
	mg/L	0818	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.00011			#	5.9E-06	-
	mg/L	0818	DS, HDRT	08/21/2007	N002	0.00 - 0.00	0.00007	B		#	5.9E-06	-
	mg/L	0818	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.00009	B	U	#	1.2E-05	-
	mg/L	0818	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.00008	B	U	#	1.2E-05	-
	mg/L	0819	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.00011		U	#	2.8E-06	-
	mg/L	0819	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.00009	B	U	#	3.4E-06	-
	mg/L	0819	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.00014			#	3.4E-06	-
	mg/L	0819	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.00021	U		#	0.00021	-
	mg/L	0819	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.00011		U	#	9E-06	-
	mg/L	0819	DS, HDRT	03/20/2007	N002	0.00 - 0.00	0.00012		U	#	9E-06	-
	mg/L	0819	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0819	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0819	DS, HDRT	06/06/2007	N002	0.00 - 0.00	0.00007	B	U	#	4.6E-06	-
	mg/L	0819	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0819	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.00009	B		#	5.9E-06	-
	mg/L	0820	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.00012		U	#	2.8E-06	-
	mg/L	0820	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.00008	B	U	#	3.4E-06	-
	mg/L	0820	DS, HDRT	06/14/2006	N002	0.00 - 0.00	0.00009	B	U	#	3.4E-06	-
	mg/L	0820	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.00021	U		#	0.00021	-
	mg/L	0820	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.00015		U	#	9E-06	-
	mg/L	0820	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0820	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0820	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.00007	B		#	5.9E-06	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	0820	DS, HDRT	11/14/2007	N001	0.00 - 0.00	0.00008	B	U	#	1.2E-05	-
	mg/L	0820	DS, HDRT	11/14/2007	N003	0.00 - 0.00	0.00008	B	U	#	1.2E-05	-
	mg/L	0821	DS, HDRT	05/19/2004	N001	0.00 - 0.00	0.00009	B	U	#	2.8E-06	-
	mg/L	0821	DS, HDRT	05/19/2004	N002	0.00 - 0.00	0.0001		U	#	2.8E-06	-
	mg/L	0821	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.00009	B		#	3.4E-06	-
	mg/L	0821	DS, HDRT	06/14/2006	N002	0.00 - 0.00	0.00011			#	3.4E-06	-
	mg/L	0821	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.00021	U		#	0.00021	-
	mg/L	0821	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0821	DS, HDRT	03/21/2007	N003	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0821	DS, HDRT	06/07/2007	N001	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0821	DS, HDRT	06/07/2007	N003	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0821	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.00009	B		#	5.9E-06	-
	mg/L	0821	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.00008	B	U	#	1.2E-05	-
	mg/L	0821	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.00008	B	U	#	1.2E-05	-
	mg/L	0829	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.00011			#	3.4E-06	-
	mg/L	0829	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.0001			#	3.4E-06	-
	mg/L	0829	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0829	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.00008	B	U	#	9E-06	-
	mg/L	0829	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.0001	B	U	#	4.6E-06	-
	mg/L	0829	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0829	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.00009	B	U	#	1.2E-05	-
	mg/L	0829	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.00008	B	U	#	1.2E-05	-
	mg/L	0830	DS, HDRT	06/13/2006	N001	0.00 - 0.00	0.00007	B	U	#	3.4E-06	-
	mg/L	0830	DS, HDRT	06/13/2006	N002	0.00 - 0.00	0.00012			#	3.4E-06	-
	mg/L	0830	DS, HDRT	03/20/2007	N001	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0830	DS, HDRT	03/20/2007	N003	0.00 - 0.00	0.00009	B	U	#	9E-06	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	0830	DS, HDRT	06/06/2007	N001	0.00 - 0.00	0.00007	B	U	#	4.6E-06	-
	mg/L	0830	DS, HDRT	06/06/2007	N003	0.00 - 0.00	0.00007	B	U	#	4.6E-06	-
	mg/L	0830	DS, HDRT	11/13/2007	N001	0.00 - 0.00	0.00009	B	U	#	1.2E-05	-
	mg/L	0830	DS, HDRT	11/13/2007	N003	0.00 - 0.00	0.00009	B	U	#	1.2E-05	-
	mg/L	0834	DS, HDRT	06/14/2006	N001	0.00 - 0.00	0.00008	B	U	#	3.4E-06	-
	mg/L	0834	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0834	DS, HDRT	06/07/2007	0001	0.00 - 0.00	0.00006	B	U	#	4.6E-06	-
	mg/L	0834	DS, HDRT	11/14/2007	N001	0.00 - 0.00	0.00007	B	U	#	1.2E-05	-
	mg/L	0834	DS, HDRT	11/14/2007	N002	0.00 - 0.00	0.00012			#	1.2E-05	-
	mg/L	0835	DS, HDRT	08/08/2006	N001	0.00 - 0.00	0.00021	U		#	0.00021	-
	mg/L	0835	DS, HDRT	03/21/2007	N001	0.00 - 0.00	0.00009	B	U	#	9E-06	-
	mg/L	0835	DS, HDRT	08/21/2007	N001	0.00 - 0.00	0.00011			#	5.9E-06	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:14 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
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RECORDS: SELECTED FROM USEE200 WHERE site_code='RVT01' AND location_code in('0818','0819','0820','0821','0829','0830','0834','0835') AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%N%' AND data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%')

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: DS DOMESTIC SUPPLY

LOCATION SUBTYPES: HDRT Hydrant

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- | | | |
|--|--|--|
| F Low flow sampling method used. | G Possible grout contamination, pH > 9. | J Estimated value. |
| L Less than 3 bore volumes purged prior to sampling. | N Presumptive evidence that analyte is present. The analyte is "tentatively identified". | Q Qualitative result due to sampling technique |
| R Unusable result. | U Parameter analyzed for but was not detected. | X Location is undefined. |

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

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Appendix B

Domestic Tap Data

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GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3	mg/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	168	#	-	-
	mg/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	150	#	-	-
	mg/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	154	#	-	-
	mg/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	160	#	-	-
	mg/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	140	#	-	-
	mg/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	153	#	-	-
	mg/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	154	#	-	-
	mg/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	161	#	-	-
	mg/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	151	#	-	-
	mg/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	162	#	-	-
	mg/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	153	#	-	-
	mg/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	154	#	-	-
Chlorine, Total Residual	mg/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.04	#	-	-
	mg/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.70	#	-	-
	mg/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.21	#	-	-
	mg/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.03	#	-	-
	mg/L	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.19	#	-	-
	mg/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.72	#	-	-
	mg/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.21	#	-	-
	mg/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.02	#	-	-
	mg/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.56	#	-	-
	mg/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.24	#	-	-
	mg/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.02	#	-	-
	mg/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.61	#	-	-
mg/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.20	#	-	-	
Dissolved Oxygen	mg/L	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	4.52	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	3.32	#	-	-
	mg/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	3.01	#	-	-
	mg/L	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	2.60	#	-	-
	mg/L	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	2.61	#	-	-
	mg/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	4.10	#	-	-
	mg/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	2.56	#	-	-
	mg/L	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	2.65	#	-	-
	mg/L	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	8.70	#	-	-
	mg/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	5.87	#	-	-
	mg/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	6.78	#	-	-
	mg/L	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	4.49	#	-	-
	mg/L	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	7.30	#	-	-
	mg/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	6.49	#	-	-
	mg/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	7.39	#	-	-
mg/L	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	2.96	#	-	-	
Gross Alpha	pCi/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	1.72	J #	0.891	± 0.70
	pCi/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	1.98	J #	1.1	± 0.82
	pCi/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.73	J #	1.2	± 0.82
	pCi/L	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.48	J #	1.17	± 0.77
	pCi/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	1.26	J #	1.19	± 0.75
	pCi/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	1.32	J #	1.1	± 0.72
	pCi/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.93	J #	1.01	± 0.77
	pCi/L	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	2.11	J #	1.16	± 0.86
	pCi/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.991	U #	0.991	± 0.62
	pCi/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	2.3	J #	1.02	± 0.85
	pCi/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.27	J #	0.934	± 0.65

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Gross Alpha	pCi/L	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.86	J #	0.974	± 0.76
	pCi/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	1.31	U J #	1.31	± 0.69
	pCi/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	2.32	J #	0.88	± 0.81
	pCi/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.79	J #	1.07	± 0.78
	pCi/L	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.44	J #	1.21	± 0.79
Gross Beta	pCi/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	1.98	U #	1.98	± 1.10
	pCi/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	2.97	J #	2.01	± 1.26
	pCi/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.74	U #	1.74	± 0.96
	pCi/L	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.95	J #	1.8	± 1.06
	pCi/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	2.39	U #	2.39	± 1.33
	pCi/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	2.11	U #	2.11	± 1.20
	pCi/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	2.16	J #	1.73	± 1.02
	pCi/L	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.93	U #	1.93	± 1.06
	pCi/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	2.95	J #	2.09	± 1.25
	pCi/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	2.33	U #	2.33	± 1.37
	pCi/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.81	J #	1.71	± 0.98
	pCi/L	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.85	J #	1.63	± 0.96
	pCi/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	3.73	J #	2.19	± 1.37
	pCi/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	2.01	J #	2	± 1.13
	pCi/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.76	J #	1.68	± 0.97
	pCi/L	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	2.85	J #	1.75	± 1.10
Oxidation Reduction Potent	mV	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	278	#	-	-
	mV	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	223	#	-	-
	mV	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	177	#	-	-
	mV	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	114	#	-	-
	mV	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	234	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	323	#	-	-
	mV	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	171	#	-	-
	mV	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	144	#	-	-
	mV	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	105	#	-	-
	mV	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	245	#	-	-
	mV	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	293	#	-	-
	mV	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	271	#	-	-
	mV	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	180	#	-	-
	mV	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	210	#	-	-
	mV	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	141	#	-	-
	mV	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	236	#	-	-
	mV	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	274	#	-	-
	mV	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	180	#	-	-
	mV	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	10	#	-	-
	mV	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	241	#	-	-
pH	s.u.	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	9.19	#	-	-
	s.u.	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	8.99	#	-	-
	s.u.	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	8.74	#	-	-
	s.u.	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	8.80	#	-	-
	s.u.	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	8.68	#	-	-
	s.u.	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	9.04	#	-	-
	s.u.	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	9.02	#	-	-
	s.u.	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	8.61	#	-	-
	s.u.	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	8.78	#	-	-
	s.u.	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	8.59	#	-	-
	s.u.	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	9.16	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY	
pH	s.u.	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	8.98	#	-	-	
	s.u.	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	8.74	#	-	-	
	s.u.	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	8.78	#	-	-	
	s.u.	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	8.96	#	-	-	
	s.u.	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	9.08	#	-	-	
	s.u.	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	8.87	#	-	-	
	s.u.	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	8.69	#	-	-	
	s.u.	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	8.65	#	-	-	
	s.u.	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	8.70	#	-	-	
Radium-226	pCi/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.405	U	#	0.405	± 0.27
	pCi/L	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	-0.117	U	#	1.63	± 0.88
	pCi/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.396	U	#	0.396	± 0.28
	pCi/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.662	U	#	0.662	± 0.44
	pCi/L	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.794	U	#	0.794	± 0.49
	pCi/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.263	UJ	#	0.193	± 0.19
	pCi/L	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.24	U	#	0.719	± 0.42
	pCi/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.388	U	#	0.388	± 0.24
	pCi/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.418	U	#	0.418	± 0.25
	pCi/L	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.413	U	#	0.413	± 0.31
	pCi/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.736	U	#	0.736	± 0.38
	pCi/L	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	-0.36	U	#	1.81	± 0.96
	pCi/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.625	U	#	0.625	± 0.39
	pCi/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.621	U	#	0.621	± 0.35
	pCi/L	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.5	U	#	0.5	± 0.36
	pCi/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.718	U	#	0.718	± 0.39
	pCi/L	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.482	U	#	0.803	± 0.53

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Radium-226	pCi/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.461	J #	0.387	± 0.30
	pCi/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.68	U #	0.68	± 0.35
	pCi/L	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.493	U #	0.493	± 0.31
Radium-228	pCi/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.72	U #	0.72	± 0.35
	pCi/L	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.783	J #	0.746	± 0.45
	pCi/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.614	U #	0.614	± 0.34
	pCi/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.861	U #	0.861	± 0.44
	pCi/L	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.15	J #	0.59	± 0.47
	pCi/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.789	U #	0.789	± 0.43
	pCi/L	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.449	U #	0.624	± 0.34
	pCi/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.855	J #	0.689	± 0.44
	pCi/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.779	U #	0.779	± 0.39
	pCi/L	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.05	J #	0.643	± 0.47
	pCi/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.759	U #	0.759	± 0.38
	pCi/L	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.766	J #	0.649	± 0.41
	pCi/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.682	U #	0.682	± 0.36
	pCi/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.751	U #	0.751	± 0.41
	pCi/L	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.889	J #	0.712	± 0.46
	pCi/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.666	U #	0.666	± 0.37
	pCi/L	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.728	J #	0.626	± 0.39
	pCi/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.672	U #	0.672	± 0.39
	pCi/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.67	U #	0.67	± 0.36
	pCi/L	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.41	J #	0.651	± 0.56
Specific Conductance	umhos/cm	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	628	#	-	-
	umhos/cm	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	609	#	-	-
	umhos/cm	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	659	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	622	#	-	-
	umhos/cm	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	660	#	-	-
	umhos/cm	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	630	#	-	-
	umhos/cm	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	617	#	-	-
	umhos/cm	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	683	#	-	-
	umhos/cm	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	622	#	-	-
	umhos/cm	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	648	#	-	-
	umhos/cm	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	637	#	-	-
	umhos/cm	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	623	#	-	-
	umhos/cm	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	660	#	-	-
	umhos/cm	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	623	#	-	-
	umhos/cm	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	649	#	-	-
	umhos/cm	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	622	#	-	-
	umhos/cm	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	747	#	-	-
	umhos/cm	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	661	#	-	-
	umhos/cm	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	634	#	-	-
umhos/cm	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	648	#	-	-	
Temperature	C	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	10.7	#	-	-
	C	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	22.5	#	-	-
	C	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	8.25	#	-	-
	C	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	14.41	#	-	-
	C	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	18.1	#	-	-
	C	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	11.95	#	-	-
	C	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	19.7	#	-	-
	C	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	11.01	#	-	-
	C	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	13.99	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	13.5	#	-	-
	C	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	9.9	#	-	-
	C	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	12.72	#	-	-
	C	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	8.94	#	-	-
	C	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	10.11	#	-	-
	C	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	10.0	#	-	-
	C	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	13.1	#	-	-
	C	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	15.7	#	-	-
	C	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	12.21	#	-	-
	C	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	12.95	#	-	-
	C	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	11.5	#	-	-
Turbidity	NTU	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.93	#	-	-
	NTU	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	1.43	#	-	-
	NTU	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.49	#	-	-
	NTU	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.20	#	-	-
	NTU	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	1.59	#	-	-
	NTU	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.78	#	-	-
	NTU	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	1.40	#	-	-
	NTU	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.89	#	-	-
	NTU	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.86	#	-	-
	NTU	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.58	#	-	-
	NTU	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	1.32	#	-	-
	NTU	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	1.57	#	-	-
	NTU	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.39	#	-	-
	NTU	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	1.88	#	-	-
	NTU	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.32	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	1.51	#	-	-
	NTU	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	1.49	#	-	-
	NTU	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.43	#	-	-
	NTU	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.84	#	-	-
	NTU	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.71	#	-	-
Uranium	mg/L	0813	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.00009	B U #	2.8E-06	-
	mg/L	0813	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.00009	B U #	3.4E-06	-
	mg/L	0813	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.00009	B U #	9E-06	-
	mg/L	0813	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.00009	B U #	4.6E-06	-
	mg/L	0813	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.00008	B U #	1.2E-05	-
	mg/L	0814	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.00018	J #	2.8E-06	-
	mg/L	0814	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.00012	#	3.4E-06	-
	mg/L	0814	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.00011	U #	9E-06	-
	mg/L	0814	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.00007	B U #	4.6E-06	-
	mg/L	0814	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.00009	B U #	1.2E-05	-
	mg/L	0815	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.00012	U #	2.8E-06	-
	mg/L	0815	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.00009	B U #	3.4E-06	-
	mg/L	0815	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.00009	B U #	9E-06	-
	mg/L	0815	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.00006	B U #	4.6E-06	-
	mg/L	0815	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.00009	B U #	1.2E-05	-
	mg/L	0816	DS, TAP	05/18/2004	N001	0.00 - 0.00	0.00011	U #	2.8E-06	-
	mg/L	0816	DS, TAP	06/14/2006	N001	0.00 - 0.00	0.0001	B U #	3.4E-06	-
	mg/L	0816	DS, TAP	03/21/2007	N001	0.00 - 0.00	0.00009	B U #	9E-06	-
	mg/L	0816	DS, TAP	06/07/2007	N001	0.00 - 0.00	0.00006	B U #	4.6E-06	-
	mg/L	0816	DS, TAP	11/14/2007	N001	0.00 - 0.00	0.0001	U #	1.2E-05	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE RVT01, Riverton Processing Site

REPORT DATE: 1/9/2008 11:16 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
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RECORDS: SELECTED FROM USEE200 WHERE site_code='RVT01' AND location_code in('0813','0814','0815','0816') AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%N%' AND data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%')

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: DS DOMESTIC SUPPLY

LOCATION SUBTYPES: TAP Tap in Domestic Supply System

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- R Unusable result
- G Possible grout contamination, pH > 9.
- N Presumptive evidence that analyte is present. The analyte is "tentatively identified".
- U Parameter analyzed for but was not detected.
- J Estimated value.
- Q Qualitative result due to sampling technique
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.