



Enhanced Characterization of the Surficial Aquifer Riverton, Wyoming, Processing Site Data Summary Report

January 2013



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Riverton, Wyoming, Processing Site
Data Summary Report**

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1.0 Introduction

Results of the verification monitoring program at the Riverton, Wyoming, Processing Site (Riverton site) indicated that natural flushing was generally progressing as expected until June 2010, when significant increases in contaminant concentrations were measured in several wells. The June 2010 sampling event was conducted immediately after record flooding of the Little Wind River. During the flood, overbank flow was observed within a large area downgradient of the former mill site. The concentration increases were detected in samples from monitoring wells in the area of flooding. The spikes in contaminant concentrations are attributed to floodwater and/or high groundwater levels mobilizing residual contamination in the unsaturated zone (DOE 2011).

The observations made in 2010 revealed that the existing site conceptual model and numerical groundwater computer modeling could not account for the spikes in contaminant concentrations observed in the surficial aquifer groundwater. Consequently, the site conceptual model needs to be updated, natural flushing processes accounted for, and the natural flushing compliance strategy reevaluated. This report summarizes the additional characterization work conducted to address the change in site conditions after the 2010 flood.

2.0 Purpose and Scope

The purpose of this report is to present and summarize the data collected during the enhanced characterization fieldwork conducted in August 2012 at the Riverton site. This enhanced characterization was conducted to obtain additional data to further characterize the surficial aquifer and to supplement the original site characterization data collected in the late 1990s. Specifically, this characterization was designed to provide data to determine the mass and leachability of uranium remaining in the unsaturated zone and to provide data to further define the configuration of contaminant plumes in the surficial aquifer. Extensive data analysis and interpretation is not within the scope of this report; those evaluations will be documented in the upcoming annual Verification Monitoring Report.

3.0 Fieldwork Summary

Fieldwork was conducted August 20–29, 2012, according to the *Work Plan for the Enhanced Characterization of the Surficial Aquifer Riverton, Wyoming, Processing Site* (DOE 2012c) (Work Plan). Fieldwork consisted of installing 103 boreholes along 9 transects (Plate 1) with the Geoprobe; water samples were collected at each location, and soil samples were collected at 34 locations. To optimize the mapping of contaminant plumes (which may have a slightly different configuration for each contaminant), transects were oriented northeast approximately perpendicular to the known southeast direction of groundwater flow and to the axis of the currently known contaminant plume. Distance between transects was reduced and sampling density increased in the portion of the aquifer near the expected centroid of the contaminant plumes downgradient of the former mill site. The increase in sampling density was designed to enhance definition of the centroid of the plumes and to provide more soil data from the unsaturated zone above the contaminant plumes in areas where the 2010 flood had the largest effect on groundwater contaminant concentrations. Details of the fieldwork are documented in the Trip Report (Appendix A).

4.0 Soil Data Summary

Soil samples were collected at 34 locations (Plate 1). Geoprobe rods were driven to 5 feet below ground surface at each location, and two soil samples (0–2.5 feet and 2.5–5 feet) were collected at most locations. Full sample recovery was not obtained in any of the 2.5–5-foot samples, with a maximum recovery of 84 percent in that interval. No recovery was obtained, and samples were not collected from the 2.5–5-foot interval at three locations (T01-07, T04-12, and T08-02). Soil characteristics were described and recorded for each location and are listed in Appendix B.

Soil samples were analyzed by the Environmental Sciences Laboratory using three different tests: batch tests, kinetic tests, and column tests. These tests were conducted according to procedures specified in the Work Plan. All soil samples were sieved, and only the fraction less than 2 millimeters was used for testing. This finer fraction typically contains most of the leachable uranium because of the greater surface area compared to the surface area of the larger fractions.

4.1 Batch Tests

Batch tests were conducted on all 65 soil samples by leaching with a high water-to-rock ratio (100 milliliters [mL] of water to 2 grams [g] of soil) using a test solution that simulates the major-ion composition of Little Wind River water to simulate flood events that would remove uranium. Samples were agitated end-over-end for two separate 24-hour intervals with fresh test solution for each agitation event. Test solutions from the two events were combined and analyzed for uranium using Environmental Sciences Laboratory analytical method AP (U-2), “Uranium Determination by Chemchech.” The detailed procedure for conducting batch tests is provided in Appendix A of the Work Plan.

Results of the batch tests are shown in Table 1 and displayed in Plate 2.

Observations from Table 1 and Plate 2 include the following:

- Uranium concentrations from locations in Transects 1, 2, and 3 are typically low (<1 microgram per gram [$\mu\text{g/g}$]). These areas are either upgradient of the former mill site (Transect 1) or on the former mill site in areas that were backfilled after remediation (Transects 2 and 3).
- Uranium concentrations are consistently elevated in Transects 4, 5, 6, 7, and 8.
- Uranium concentrations are low at location T09-08, as expected, because it is outside the boundary of the uranium plume.

Table 1. Results of Batch Tests

Borehole Location	Uranium ^a ($\mu\text{g/g}$)	Borehole Location	Uranium ($\mu\text{g/g}$)	Borehole Location	Uranium ($\mu\text{g/g}$)
T01-05-0-2.5	0.48	T04-10-2.5-5	0.51	T07-03-0-2.5	0.93
T01-05-2.5-5	0.04	T04-11-0-2.5	4.73	T07-03-2.5-5	0.11
T01-06-0-2.5	0.04	T04-11-2.5-5	3.35	T07-04-0-2.5	1.21
T01-06-2.5-5	0.04	T04-12-0-2.5	3.7	T07-04-2.5-5	0.24
T01-07-0-2.5	3.32	T05-01-0-2.5	1.07	T07-05-0-2.5	2.27
T02-07-0-2.5	0.04	T05-01-2.5-5	0.33	T07-05-2.5-5	0.42
T02-07-2.5-5	0.08	T05-02-0-2.5	3.8	T07-06-0-2.5	3.52
T02-08-0-2.5	0.98	T05-02-2.5-5	1.32	T07-06-2.5-5	0.22
T02-08-2.5-5	0.35	T05-03-0-2.5	2.48	T07-07-0-2.5	1.09
T02-09-0-2.5	4.45	T05-03-2.5-5	4.71	T07-07-2.5-5	0.41
T02-09-2.5-5	0.86	T06-08-0-2.5	0.52	T08-02-0-2.5	2.15
T03-10-0-2.5	0.08	T06-08-2.5-5	0.06	T08-03-0-2.5	2.07
T03-10-2.5-5	0.47	T06-09-0-2.5	1.26	T08-03-2.5-5	2.58
T03-11-0-2.5	0.16	T06-09-2.5-5	0.21	T08-03-2.5-5	2.6
T03-11-2.5-5	0.08	T06-10-0-2.5	1.79	T08-04-0-2.5	3.19
T03-12-0-2.5	0.58	T06-10-2.5-5	0.22	T08-04-2.5-5	0.37
T03-12-2.5-5	0.3	T06-10-2.5-5	0.23	T08-05-0-2.5	2.22
T04-08-0-2.5	1.87	T06-11-0-2.5	3.05	T08-05-2.5-5	2.07
T04-08-2.5-5	0.32	T06-11-2.5-5	0.56	T08-06-0-2.5	2.81
T04-08-2.5-5	0.32	T06-12-0-2.5	2.95	T08-06-2.5-5	2.55
T04-09-0-2.5	4.79	T06-12-2.5-5	0.21	T09-08-0-2.5	0.49
T04-09-2.5-5	2.12	T06-13-0-2.5	3.79	T09-08-2.5-5	0.3
T04-10-0-2.5	2.54	T06-13-2.5-5	1.97	T09-08-2.5-5	0.28

^aBold values are less than the detection limit.

4.2 Kinetic Tests

Kinetic tests were conducted to examine the rate of uranium partitioning between the liquid-solid interface. These tests were conducted on eight samples (from four locations) also using a test solution of simulated Little Wind River water. Ten aliquots from each sample were tested with end-over-end agitation times in the test solution of 5 minutes, 15 minutes, 30 minutes, 1 hour, 2 hours, 4 hours, 8 hours, 16 hours, 48 hours, and 96 hours. After agitation of each aliquot, uranium analysis of the test solution was conducted using analytical method AP (U-2). Soil concentrations in micrograms per gram were calculated from the uranium concentration measured in the test solution. The detailed procedure for conducting kinetic tests is provided in Appendix A of the Work Plan. Results of the kinetic tests are shown in Figure 1 (0 to 18 hours) and Figure 2 (full duration of tests).

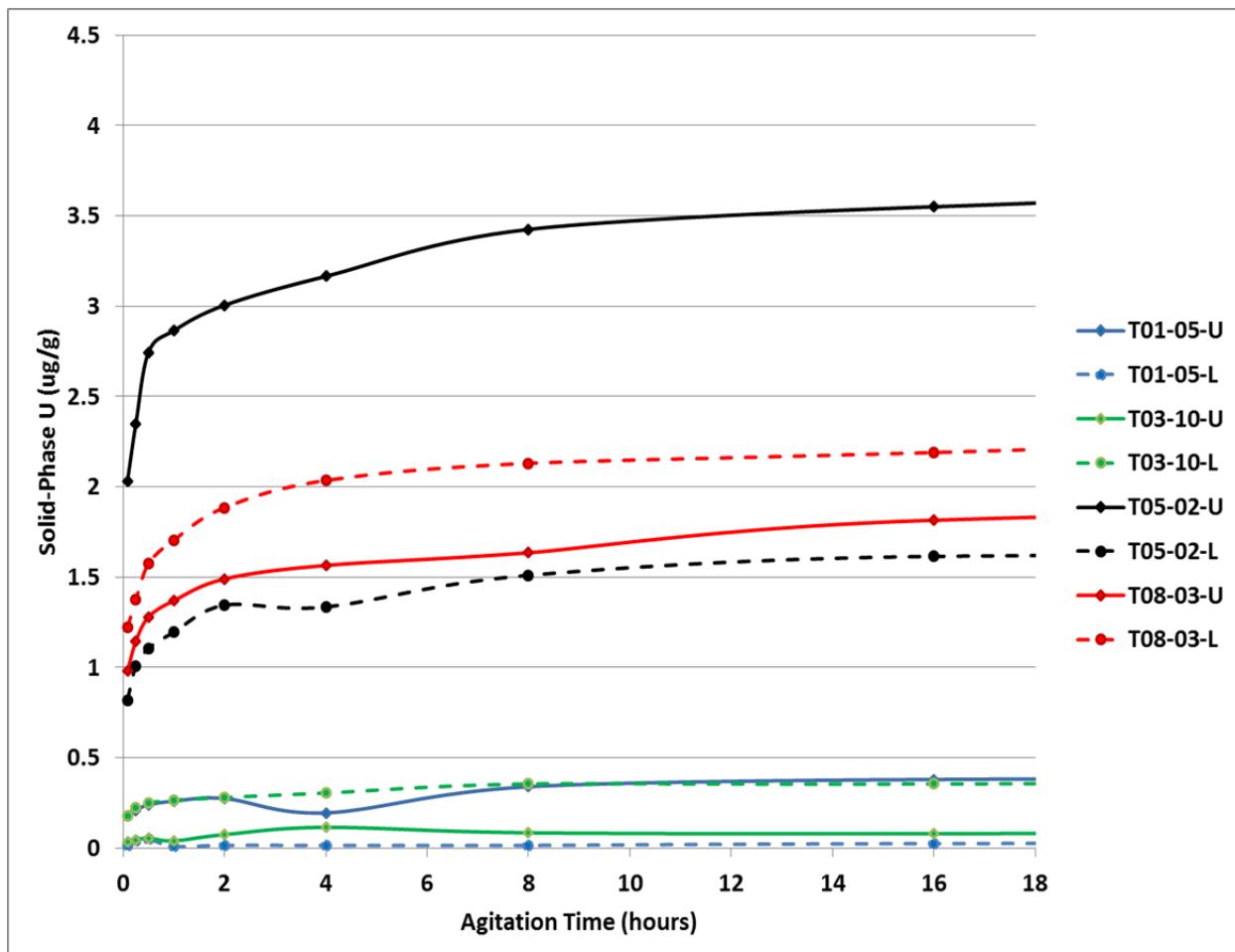


Figure 1. Results of Soil Kinetic Tests (0 to 18 hours)

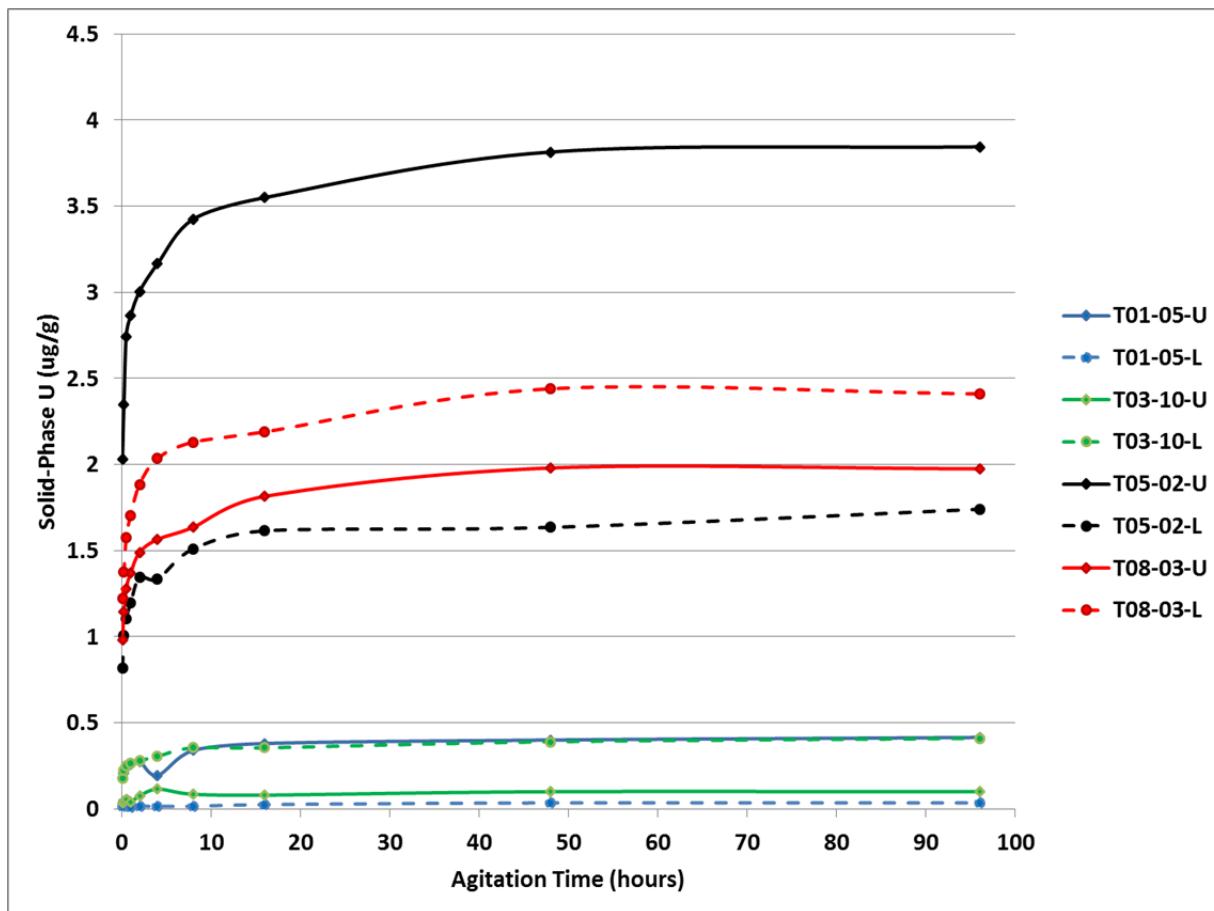


Figure 2. Results of Soil Kinetic Tests (Full Duration)

Observations from the kinetic tests include:

- Uranium concentrations are lower at T01-05 (upgradient) and T03-10 (backfilled mill site).
- The majority of the uranium is removed relatively quickly, with peak removal by the 8-hour mark and the majority of the uranium removed by the 16-hour mark.
- Uranium concentrations are higher in the upper soil at T05 and higher in the lower soil at T08, which could be indicative of floodwaters leaching uranium downward in areas near the Little Wind River.

4.3 Column Tests

Column tests were conducted on 16 samples (8 locations) to estimate the total uranium source materials remaining in the unsaturated zone. These tests were conducted by pumping test solution (simulated Little Wind River water) through a soil column at a rate of approximately 0.09 mL/min for most columns. Effluent from the column was collected approximately every pore volume and analyzed for uranium using analytical method AP (U-2), “Uranium Determination by Chemchek.” Column tests were continued until uranium concentrations in the effluent stabilized, which resulted in completion of tests at various stages ranging from 48 to 93 pore volumes. The detailed procedure for conducting column tests is provided in Appendix A of the Work Plan. Results of the column tests are displayed in Figure 3.

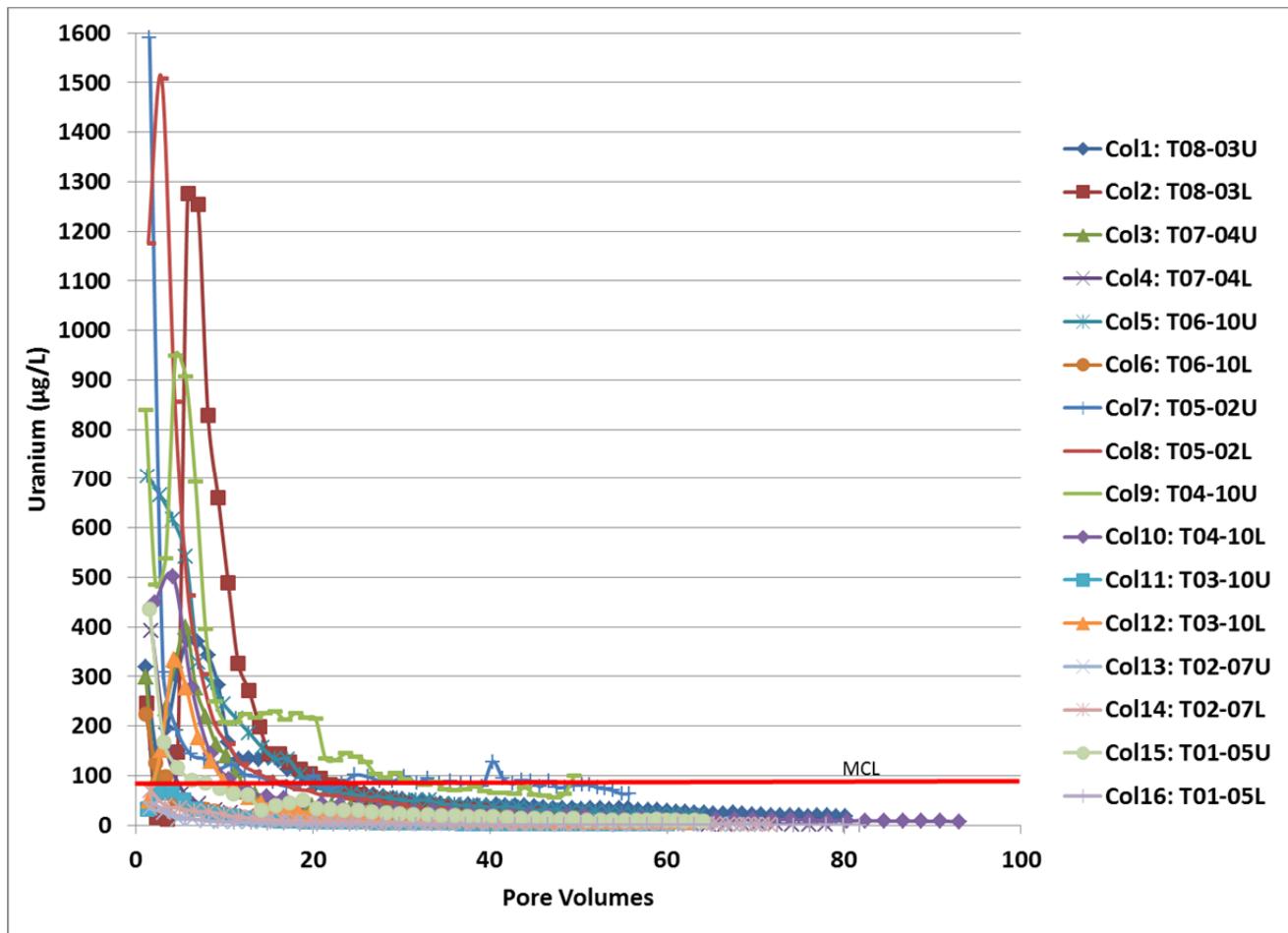


Figure 3. Results of Soil Column Tests

After column tests were complete, each column sample was agitated end-over-end in a carbonate solution (14.4 millimoles [mM] NaHCO_3 and 2.8 mM Na_2CO_3 at pH 9.39) for 3 weeks. This additional test was conducted to determine the amount of uranium available for leaching after the column test and to calculate the total leachable or “labile” uranium inventory. A comparison of batch test, column test, carbonate leach test, and total labile uranium inventory is shown in Table 2.

Column test data also were used to calculate the distribution coefficient (K_d). The K_d was calculated at approximately each pore volume (when effluent was extracted and analyzed) by dividing the concentration of labile uranium remaining in the solids by the concentration of uranium in the aqueous phase. A graph of K_d versus pore volumes from the column tests is shown in Figure 4.

Table 2. Summary of Soil Test Results^a

Borehole Location	Batch Test Uranium (µg/g)	Column Test Uranium (µg/g)	Carbonate Leach Test Uranium (µg/g)	Total Labile ^b Uranium (µg/g)
T01-05-0-2.5	0.48	0.473	0.184	0.657
T01-05-2.5-5	0.04	0.039	0.016	0.055
T02-07-0-2.5	0.04	0.056	0.040	0.096
T02-07-2.5-5	0.08	0.085	0.051	0.136
T03-10-0-2.5	0.08	0.145	0.062	0.207
T03-10-2.5-5	0.47	0.580	0.135	0.715
T04-10-0-2.5	2.54	2.840	0.921	3.761
T04-10-2.5-5	0.51	0.579	0.150	0.729
T05-02-0-2.5	3.8	1.325	1.758	3.083
T05-02-2.5-5	1.32	1.677	0.244	1.921
T06-10-0-2.5	1.79	1.523	0.510	2.033
T06-10-2.5-5	0.23	0.218	0.111	0.329
T07-04-0-2.5	1.21	0.968	0.294	1.262
T07-04-2.5-5	0.24	0.239	0.073	0.312
T08-03-0-2.5	2.07	1.959	0.306	2.265
T08-03-2.5-5	2.6	2.301	0.415	2.716

^aBold values are below detection. Detection limit is 0.2 µg/L for the test solution (water). Values in the table are soil concentrations calculated from the test solution concentration.

^bTotal labile uranium = column test uranium + carbonate leach test uranium

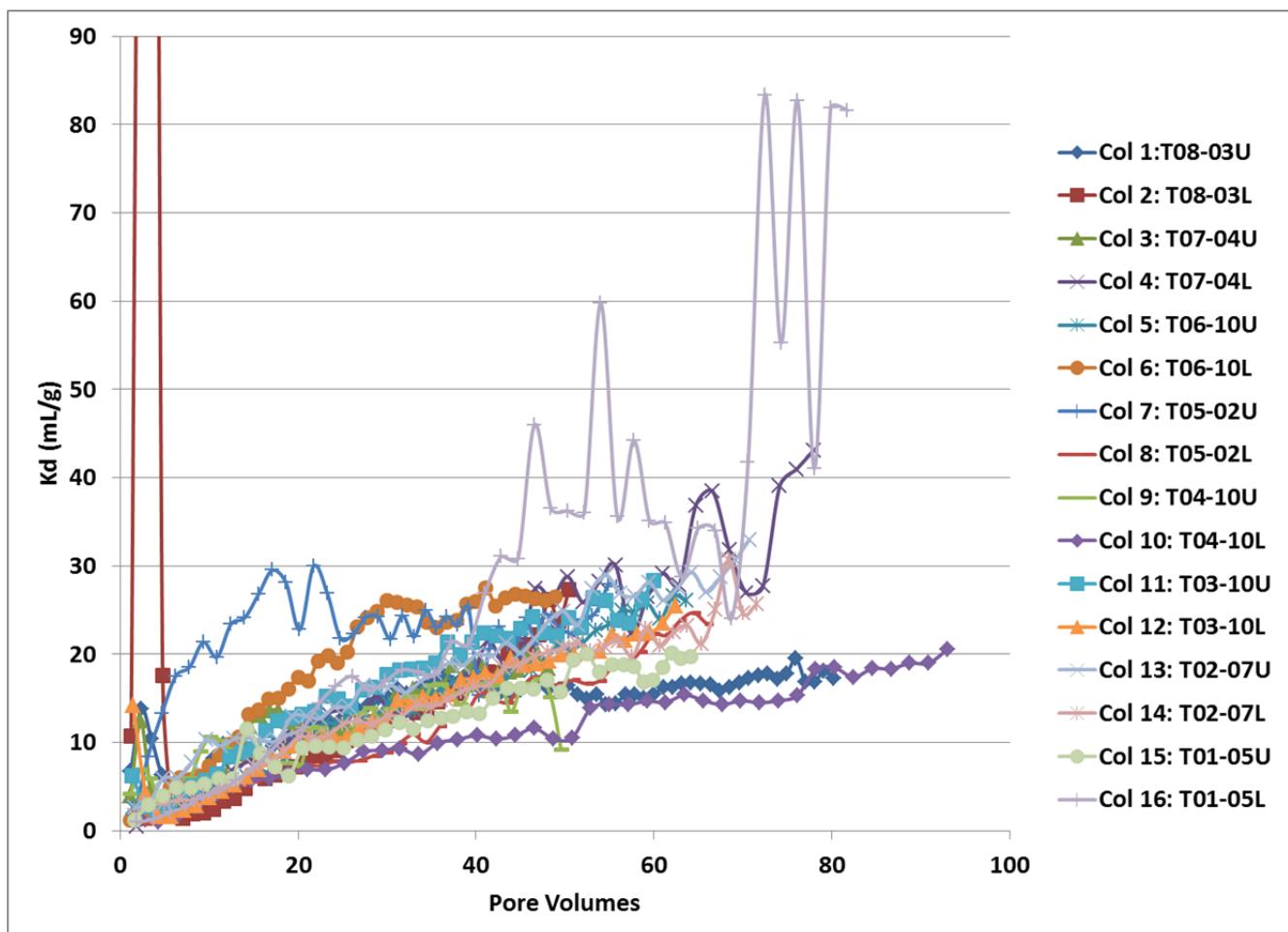


Figure 4. K_d Results

Observations from Figures 3 and 4 and Table 2 include:

- The uranium inventory in the soils is removed with the simulated Little Wind River water; the peak removal occurs from 2 to 6 pore volumes, and majority of the uranium is removed within 20 pore volumes.
- There is good agreement between the batch test results and the column test results.
- The majority of the uranium inventory was removed with the simulated Little Wind River water.
 - Results of the carbonate leach test show that a relatively low inventory of uranium remained in the soil after the column test.

5.0 Groundwater Data Summary

Groundwater samples were collected at all 103 borehole locations according to the procedures specified in the Work Plan. Samples were collected after the Geoprobe rods were driven to 12 feet below ground surface or until rod refusal (see the Trip Report for the locations where Geoprobe rods could not be driven to 12 feet, and 8 liters of water were purged from the rod. Field measurements of pH, specific conductance, temperature, oxidation-reduction potential, total alkalinity, turbidity, and dissolved oxygen were made at each borehole, and samples were analyzed for the U.S. Nuclear Regulatory Commission–approved contaminants of concern (manganese, molybdenum, sulfate, and uranium) (DOE 1998), major cations (calcium, magnesium, potassium, and sodium), and an additional major anion (chloride). Samples were analyzed by ALS Laboratory Group in Fort Collins, Colorado, using standard U.S. Environmental Protection Agency methods. Groundwater data were validated according to the “Standard Practice for Validation of Laboratory Data,” in the *Environmental Procedures Catalog* (LMS/POL/S04325); results of the validation are presented in Appendix C.

Because sampling methodology was by necessity different for the temporary boreholes than for the wells used for the long-term monitoring well network, a comparison of results from monitoring wells to the results from the temporary boreholes was conducted. Molybdenum, sulfate, and uranium results from monitoring well samples collected during the June 2012 sampling event were compared to results from the temporary boreholes, as shown in Table 3. The temporary borehole closest to a monitoring well and within the same contour (Plates 3, 4, and 5) was used for the comparison.

As shown in Table 3, the mean percent difference (PD) ranged from –31.9 to 3.2 PD. This range of PD indicates good comparability of methods given the following considerations: (1) U.S. Environmental Protection Agency (EPA) guidance for acceptable precision for laboratory duplicates is 20 relative percent difference (LMS/POL/S04325), and one third of the comparisons met the laboratory criteria; (2) temporal variability between the June and August events; and (3) distance between the monitoring well and temporary borehole (up to 680 feet).

Table 3. Comparison of June 2012 Results with August 2012 Results^a

Monitoring Well Location	U June	U August	PD ^b	Mo June	Mo August	PD	SO ₄ June	SO ₄ August	PD
0707	1	1.1	-9.5	0.9	0.53	51.7	3100	2300	29.6
0716	0.3	0.22	30.8	0.13	0.11	16.7	460	440	4.4
0718	0.16	0.42	-89.7	0.068	0.21	-102.2	2600	2600	0.0
0720	0.0063	0.0028	76.9	0.0013	0.0058	-126.8	190	320	-51.0
0722R	0.51	0.18	95.7	0.13	0.15	-14.3	840	130	146.4
0729	0.0031	0.0096	-102.4	0.002	0.0046	-78.8	74	120	-47.4
0784	0.0028	0.0011	87.2	0.0099	0.018	-58.1	2300	2200	4.4
0788	0.053	0.029	58.5	0.022	0.02	9.5	1700	1200	34.5
0789	2.1	2.1	0.0	0.56	0.56	0.0	5900	3900	40.8
0824	0.0085	0.027	-104.2	0.0047	0.0057	-19.2	85	320	-116.0
0826	0.049	0.07	-35.3	0.02	0.027	-29.8	1800	2000	-10.5
	Mean	0.7		Mean	-31.9		Mean	3.2	

^a Units are in milligrams per liter (mg/L).

^b Percent difference calculated as $[(a - b) \div (a + b/2)] \times 100$, where a = June concentration and b = August concentration

Major anion and cation data are displayed as a Piper diagram in Figure 5. Locations were divided into four areas of the aquifer—upgradient of the site, within the uranium plume, northeast of the uranium plume, and southwest of the uranium plume—and plotted on the diagram. General observations from Figure 5 included the following:

- Upgradient locations (green) have no dominant cation type and are distributed between bicarbonate and sulfate types of water for anions.
- Locations within the uranium plume (red) tend to have no dominant cation type and are a sulfate type of water for anions.
- Locations northeast of the uranium plume (blue) are calcium type of water for cations and bicarbonate type of water for anions.
- Locations southwest of the uranium plume (black) are distributed between no dominant type and a sodium/potassium type of water for cations and are generally a sulfate type of water for anions.
- The difference between water types on each side of the uranium plume is likely due to the influence of sulfate in the discharge water from the sulfuric acid plant on the southwest side of the uranium plume that is recharging the surficial aquifer.

Piper Diagram

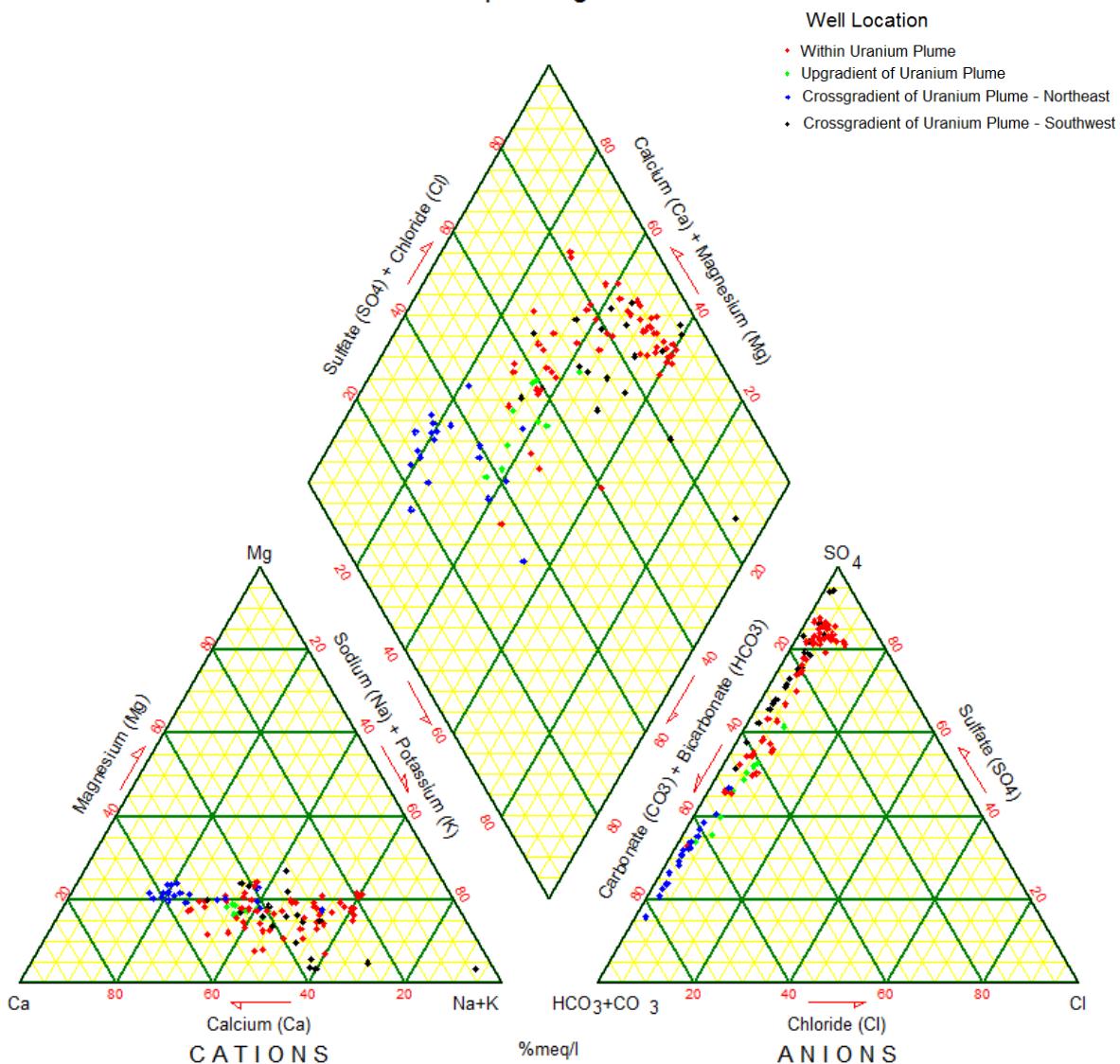


Figure 5. Piper Diagram of Major Anion and Cation Data

Plume maps for molybdenum, sulfate, uranium, and manganese are shown in Plates 3 through 6, respectively. Groundwater summary statistics are provided in Table 4, and a complete set of groundwater data collected during this characterization is provided in Appendix D.

Table 4. Summary of Groundwater Results

Analyte	Benchmark ^{a,b}	Range ^b	Mean ^b	Area of Plume (acres)
Manganese	2.26	0.012–7.2	0.998	71
Molybdenum	0.1	0.004–1.1	0.165	182
Sulfate	400	39–5,900	1,431	465
Uranium	0.044	0.00081–2.1	0.277	323
Calcium	271	48–760	247	NA
Magnesium	25.5	7.7–390	76.4	NA
Potassium	4.1	2.6–28	8.8	NA
Sodium	167	16–2,000	429	NA
Chloride	73	3.4–570	72	NA

^a Benchmark is either 40 CFR 192 maximum concentration limit (molybdenum and uranium) or maximum background concentration (DOE 2012a).

^b Units are in milligrams per liter (mg/L).

General observations from Plates 3 through 6 and Table 4 included the following:

- The manganese is not well defined as a plume, and concentrations are relatively low, with the maximum concentration less than four times the background concentration.
- The molybdenum plume is narrow, well defined, and within the bounds of the long-term monitoring well network.
- The sulfate plume is larger than the other plumes and is skewed to the west, which is likely due to infiltration of water from the unlined ditch that carries discharge from the sulfuric acid plant. The ditch contained water with sulfate concentrations up to 2,000 milligrams per liter (mg/L) in 2011 (DOE 2012b).
- In general, the extent of the uranium plume is similar to previous interpretations using monitoring data from the long-term monitoring program. The centroid of the plume is near the Little Wind River and located near monitoring well 0789, and the maximum uranium concentration found during this investigation is equal to the uranium concentration in monitoring well 0789.
- The uranium concentration at location T06-01 is above the maximum concentration limit in 40 CFR 192, which is anomalous for this area of the aquifer based on plume configurations and groundwater flow direction.
- The uranium concentration at T03-08 (1 mg/L) on the south edge of the former tailings pile is elevated. It is unknown if this is an isolated point, because other planned locations to the southwest on Transect 3 were not sampled due to owner access and cultural resource survey issues (see Trip Report in Appendix A).
- Transects were of sufficient length to bound all plumes with the exception of the anomalous T06-01.

6.0 References

DOE (U.S. Department of Energy), 1998. *Final Ground Water Compliance Action Plan for the Riverton, Wyoming, Title I UMTRA Project Site*, attached to a September 22 letter from the DOE Grand Junction Office to the U.S. Nuclear Regulatory Commission.

DOE (U.S. Department of Energy), 2011. *Verification Monitoring Report for the Riverton, Wyoming, Processing Site, Update for 2010*, LMS/RVT/S07202, Office of Legacy Management, Grand Junction, Colorado, February.

DOE (U. S. Department of Energy), 2012a. *Evaluation of Groundwater Constituents and Seasonal Variation at the Riverton, Wyoming, Processing Site*, LMS/RVT/S08364, Office of Legacy Management, Grand Junction, Colorado, February.

DOE (U. S. Department of Energy), 2012b. *Verification Monitoring Report for the Riverton, Wyoming, Processing Site, Update for 2011*, LMS/RVT/S08569, Office of Legacy Management, Grand Junction, Colorado, April.

DOE (U.S. Department of Energy), 2012c. *Work Plan for the Enhanced Characterization of the Surficial Aquifer Riverton, Wyoming, Processing Site*, LMS/RVT/S08542, Office of Legacy Management, Grand Junction, Colorado, June.

Environmental Procedures Catalog, LMS/POL/S04325, continually updated, prepared by S.M. Stoller Corporation for the U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado.

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Appendix A

Trip Report

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established 1959

Memorandum

DATE: September 17, 2012 Control Number N/A
TO: Distribution
FROM: Sam Campbell
SUBJECT: Trip Report

Site: Riverton, Wyoming, Processing Site.

Dates of Sampling Event: August 21 to August 29, 2012

Team Members: Joe Treviño, Jeff Walters, David Atkinson, Sam Campbell, Tom Maveal, and Bill Dam (USGS).

Number of Locations Sampled: Installed 103 boreholes with the Geoprobe; water samples were collected at each location, and soil samples were collected at 34 locations, which included 33 planned locations and one additional location (T09-08). The additional soil samples at T09-08 were collected to demonstrate soil sampling to the news media and visitors, and to provide additional soils data outside of the contaminant plume.

Locations Not Sampled/Reason: The *Work Plan for the Enhanced Characterization of the Surficial Aquifer, Riverton, Wyoming, Processing Site* (Work Plan) proposed installation of 120 boreholes; however, 17 boreholes were not installed for the following reasons. The landowners at locations T03-03 to T03-7, T04-13, T04-14, T04-18, T04-19, T06-18 to T06-20 denied access to their land either during the initial contact, during the cultural resources survey, or during the field work. Locations T04-01, T04-02, T04-20, T04-21, and T05-04 were inaccessible due to fences, ditches, vegetation or other debris that blocked access. Some locations were moved from their original location because of fences or vegetation – location of the boreholes versus the original location are shown in the attached figure.

Location Specific Information: A minimum of 8 liters were purged from each borehole prior to sampling as specified in the Work Plan.

All boreholes were abandoned immediately after removing the Geoprobe rods by filling the hole with bentonite. All boreholes partially collapsed prior to filling with bentonite, with the final borehole depth ranging from 2 to 9 feet below ground surface.

Coordinates of each location were collected with a GPS device after borehole installation.

Soil samples were not collected from the 2.5 to 5.0 foot interval at locations T01-07, T04-12, and T08-02 because of poor recovery.

Radiological support was provided at all locations within the supplemental standards areas on the former millsite. No contamination was detected during the radiological surveys; material surveyed included equipment, instruments, soils, and gloves.

Field Variance: Dissolved oxygen was not measured at numerous locations at the start of the trip because of damage to the YSI field instrument. A new YSI was shipped overnight and dissolved oxygen measurements were collected for the rest of the trip. Dissolved oxygen was not measured at the following locations: T03-08 to T03-17 and T02-03 to T02-05.

The Work Plan specified that the Geoprobe rods were to be driven to 12 feet below ground surface; however, refusal of the Geoprobe rods at less than 12 feet was encountered at 21 locations as shown in the Table below.

Location ID	Borehole Depth (feet)	Off-Set Attempted? (Yes/No)
T01-01	10.5	No
T01-02	11.3	No
T01-03	10.5	No
T01-04	10.5	No
T01-05	11.8	No
T02-01	9.3	No
T02-02	8.0	No
T02-03	9.5	No
T02-04	7.0	Yes
T02-05	9.4	No
T02-06	8.1	No
T02-07	10.1	No
T02-08	11.0	No
T03-14	9.0	No
T03-15	9.0	Yes (2)
T04-03	11.2	Yes
T05-02	9.4	No
T06-07	10.3	No
T06-13	11.5	No
T06-21	11	No
T07-04	10.5	No

Quality Control Sample Cross Reference: Six field duplicates and six equipment blanks were collected during this event. Following are the false identifications assigned to the quality control samples:

False ID	True ID	Sample Type	Ticket Number	Equipment Blank Collected After
2373	T03-15	Duplicate	KJW 834	NA
2374	NA	Equipment Blank	KJW 835	T01-05
2375	T04-16	Duplicate	KJW 836	NA
2376	NA	Equipment Blank	KJW 837	T09-05
2377	T08-02	Duplicate	KJW 838	NA
2378	NA	Equipment Blank	KJW 839	T06-09
2388	T04-07	Duplicate	KJX 206	NA
2389	NA	Equipment Blank	KJX 207	T09-10
2390	T07-06	Duplicate	KJX 208	NA
2391	NA	Equipment Blank	KJX 209	T07-08
2392	T05-03	Duplicate	KJX 210	NA
2393	NA	Equipment Blank	KJX 211	T05-03

Requisition Numbers Assigned: Groundwater samples were assigned to requisition index number (RIN) 12084779 and were shipped to the ALS Laboratory Group on August 30, 2012. Soil samples were assigned to RIN 12084780 and were transferred to the Environmental Sciences Laboratory on August 30, 2012.

Water Level Measurements: Water levels were measured at all boreholes. Initial water level and purging water levels were measured from the top of the steel Geoprobe rod.

Equipment: The threads for the dissolved oxygen probe were stripped inside the YSI sonde, so a dissolved oxygen probe could not be installed properly; a second YSI was shipped from Grand Junction and was used to make dissolved oxygen measurements. The first YSI instrument was used to make specific conductance, temperature, pH, and oxidation-reduction potential measurements.

The protective guide on the Geoprobe that retains hydraulic hoses and keeps them away from the slides broke with one location remaining (T05-04); however, this location was not accessible with the Geoprobe, so the broken protective guide did not have an impact.

Environmental Compliance: Ann Houska, Stoller Environmental Compliance, provided environmental compliance support at the start of the field work to ensure that adequate field controls and directions were in place regarding potential environmental compliance concerns, such as cultural resource, potential wetlands, and land disturbances, and refueling. A cultural resource survey had been conducted in applicable areas outside the former millsite property and travel and work corridors were established to ensure that cultural materials would not be disturbed during the project. A GPS unit was used to guide field crews within the corridors and delineate cultural resource areas to avoid. Ann Houska conducted an environmental compliance assessment of the implementation of the cultural resource project controls.

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Page 4

Stakeholder/Regulatory/Media: A pre-job meeting was held with the manager of the Chemtrade sulfuric acid plant, David Luzmoor, who provided access to the Chemtrade site and provided a water source (Chemtrade well) to decontaminate the Geoprobe rods.

Wind River Environmental Quality personnel observed borehole installation and sampling activities at several locations on two different days.

A demonstration of borehole installation with the Geoprobe along with soil and groundwater sampling was provided to Keith Kocinski of KCWY television station from Casper, Wyoming.

DOE and Stoller personnel were introduced to Mike Quiver who is the new director of the White Plains Utility Organization, which is the new Tribal organization that will manage the alternate water supply system.

As requested by DOE, Stoller personnel met with Dawn Schmidt from St. Stephens School to investigate concerns about mill-related contamination in the garden at the school. Soils in the garden were scanned with radiological instrumentation by Stoller radiological control technician Tom Maveal (see attached photo) and were found to be at background levels, which indicates no soil contamination. In addition, the water source for the garden was verified as coming from the alternate water supply system, so no additional sampling of the water was required.

Corrective Action Required/Taken: The YSI sonde with the stripped threads will be sent to the manufacturer for repair.

The Geoprobe will be transported to the Geoprobe facility in Salina, Kansas, for repair and maintenance.

(SEC/lcg)

cc: (electronic)
Bill Dam, USGS
April Gil, DOE
Clay Carpenter, Stoller
Steve Donivan, Stoller
Bev Gallagher, Stoller
Ken Karp, Stoller
Judy Miller, Stoller
EDD Delivery
rc-grand.junction
RVT 410.02(A)



Radiation Measurements at the St Stephens School Garden.

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Appendix B

Soil Descriptions

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Location	Collection Date/Time	Total Depth of Sample (ft)	Depth Interval (ft)	Percent Recovery	Comments
T01-05	8-23-2012/1745	3.5	0-2.5	100	Pale yellowish-brown silt with rock fragments; dry.
			2.5-5.0	52	Brownish-gray sand and gravel (5YR 4/1); moist (not wet).
T01-06	8-23-2012/1705	3.6	0-2.5	100	0-1 feet, pale yellowish-brown silt grades to light gray sand and gravel; dry.
			2.5-5.0	72	Medium dark gray (N4) sand and gravel; very wet.
T01-07	8-23-2012/1630	2.2	0-2.5	88	Pale yellowish-brown (10YR 6/2) silt; dry, well consolidated core.
			2.5-5.0	0	
T02-07	8-23-2012/0825	3.3	0-2.5	100	Moderate yellowish-brown (10YR 5/4) silt with roots. At 1.5 feet grades to sand and gravel—light gray (N7); dry.
			2.5-5.0	32	Well-rounded to angular rock fragments up to 1 inch and smaller pebbles and sand. Increase in moisture content 2.5-3.3 feet.
T02-08	8-23-2012/0910	4.1	0-2.5	100	Top 6 inches root fragments in silt becomes partially saturated from 2.4 to 2.7 feet (inside core); core well consolidated, moderate yellowish-brown (10YR 5/4).
			2.5-5.0	82	Very moist silt (no sand or clay observed); core stuck inside tube; difficult to remove. Dark yellowish brown (10YR 4/2); no rock fragments.
T02-09	8-23-2012/0940	3.9	0-2.5	100	Pale yellowish-brown (10YR 6/2) silt (no sand, clay, or rock); very dry.
			2.5-5.0	78	Light-gray sand and gravel; very dry; rock fragments up to 0.2 feet.
T03-10	8-22-2012/0945	3.9	0-2.5	100	Moderate yellowish-brown (10YR 5/4) silt (no sand and clay).
			2.5-5.0	78	Grades into dark yellow-brown (10YR 4/2) silty clay with orange (oxidized) minerals; dry to slightly moist.
T03-11	8-22-2012/1025	3.55	0-2.5	100	Pale yellow-brown (10YR 6/2) silt becomes rocky fill fragments at 2 feet. Angular to rounded rocks up to 1 inch; dry.
			2.5-5.0	71	Very light gray (N8) rock fragments and sand—fill material; dry.
T03-12	8-21-2012/1545	4.1	0-2.5	100	0-3 inches, roots; pale yellowish brown (10YR 6/2) pure silt, no sand or clay; dry. Occasional orange oxidized grains.
			2.5-5.0	68	Increasing clay content with depth and color change at 32 inches to dark yellowish brown; mottled clay with black-gray zones. No alluvium observed, slightly moist.
T04-08	8-27-2012/0840	4.3	0-2.5	100	Pale yellowish-brown silt; dry.
			2.5-5.0	72	2.5-2.8 feet, silt as above. 2.8-4.0 feet, pale brown (10YR 5/2) medium grained sand and gravel. 4.0-4.3 feet, light-medium gray/black medium grain sand and gravel.
T04-09	8-27-2012/0920	3.8	0-2.5	100	Pale yellowish silt; dry.
			2.5-5.0	52	2.5-3.0 feet, silt, gray sand and gravel; dry. 3.0-3.8 feet, light gray-black sand and gravel; dry.
T04-10	8-27-2012/0950	3.1	0-2.5	100	0-1.4 feet, silt (as above); dry. 1.4-2.5 feet, light gray sand and gravel; dry.
			2.5-5.0	24	2.5-3.1 feet, light gray sand and gravel, pebbles well rounded to angular; dry.
T04-11	8-27-2012/1020	3.7	0-2.5	100	0-1.7 feet, pale yellowish-brown silt (soft); dry. 1.7-2.5 feet, moderate brown (5YR 4/4) silt (hard); dry.
			2.5-5.0	48	2.5-3.5 feet, same as above. 3.5-3.7 feet, coarse sand (light gray) with subrounded pebbles.
T04-12	8-24-2012/1735	2.5	0-2.5	100	0-0.9 feet, pale yellowish-brown (10YR 6/2) silt; dry. 0.9-2.5 feet, dark yellowish brown (10YR 4/2); slightly moist, rocky at 2.4-2.5 feet.
			2.5-5.0	0	
T05-01	8-28-2012/1300	3.8	0-2.5	100	Pale yellowish-brown silt; dry.
			2.5-5.0	24	Pale yellowish-brown silt; dry.
T05-02	8-29-2012/0810	2.9	0-2.5	100	0-1.4 feet, moderate yellowish brown silt; dry. 1.4-2.4 feet, moderate yellowish-brown clayey silt; moist.
			2.5-5.0	16	2.4-2.9 feet, light gray gravel and dark yellowish brown (10YR 4/2) sand, fine-grained; dry.
T05-03	8-29-2012/0845	4.6	0-2.5	100	0-2.5 feet, pale yellowish brown silt; dry. Top 0.5 feet, crusty/hard, weathered; dry. 0.5-2.5 feet, soft silt; dry.
			2.5-5.0	84	2.4-4.4 feet, soft silt; dry. 4.4-4.6 feet, silty sand, pale yellowish-brown; dry.
T06-08	8-26-2012/0845	3.1	0-2.5	100	0-0.8 feet, pale yellowish-brown silt; dry. 0.8-2.5 feet, gravel and sand, light gray and black.
			2.5-5.0	24	2.5-3.1 feet, gravel and sand, light gray and black.
T06-09	8-26-2012/0815	3.4	0-2.5	100	0-0.5 feet, pale yellowish-brown silt; dry. 0.5-2.5 feet, gravel with minor sand, light gray; dry.
			2.5-5.0	36	2.5-3.0 feet, gravel and light gravelly sand, angular gravel. 3.0-3.4 feet, black sand and light gray gravel.
T06-10	8-27-2012/1215	3.5	0-2.5	100	0-0.9 feet, pale yellowish-brown silt; dry. 0.9-2.5 feet, brown sand (10YR 6/2) and pebbles, rounded.
			2.5-5.0	40	2.5-3.5 feet, brown sand and gravel grading to light gray sand and gravel; dry.
T06-11	8-27-2012/1245	3.8	0-2.5	100	0-2.5 feet, moderate brown (10YR 4/4) silt; dry and hard.
			2.5-5.0	52	2.5-2.7 feet, same as above; dry. 2.7-3.8 feet, silt and very fine grained sand (no gravel).
T06-12	8-27-12/1330	3.3	0-2.5	100	0-2.1 feet, moderate brown silt; dry and hard. 2.1-2.5 feet, light gray sand and gravel; dry.
			2.5-5.0	32	2.5-3.3 feet, light gray sand and gravel; dry.
T06-13	8-27-2012/1415	4.1	0-2.5	100	Pale yellowish-brown silt; dry and soft.
			2.5-5.0	64	2.5-3.8 feet, same as above. 3.8-4.1 feet, light gray sand and gravel; dry.
T07-03	8-25-2012/1720	3.6	0-2.5	100	0-2.2 feet, pale yellowish-brown silt; dry. 2.2 to 2.5 feet, sand and gravel; dry.
			2.5-5.0	44	2.5-3.6 feet, sand and gravel, light gray, pebbles and gravel subangular to round, fine to medium grain sand; dry.
T07-04	8-25-2012/1650	3.1	0-2.5	100	0-1.5 feet, pale yellowish-brown silt; dry. 1.5-2.5 feet, sand and gravel, light gray; dry.
			2.5-5.0	24	1.5-3.1 feet, sand and gravel, light gray; dry.
T07-05	8-25-2012/1600	3.6	0-2.5	100	0-2.0 feet, pale yellowish-brown silt; dry. 2.0-2.5 feet, sand and gravel, poorly sorted, light gray; dry.
			2.5-5.0	44	2.5-3.6 feet, sand and gravel, light gray and black pebbles and sand, subangular gravel; dry.
T07-06	8-28-2012/1400	4	0-2.5	100	0-2.3 feet, pale yellowish-brown silt; dry. 2.3-2.5 feet, light gray-black fine to medium grained sand and well rounded pebbles.
			2.5-5.0	60	Same as above to 4.0 feet.
T07-07	8-28-2012/0945	2.9	0-2.5	100	0-1.0 feet, pale yellowish-brown silt; dry. 1.0-1.7 feet, light gray sand and well rounded pebbles, very fine grained sand.
			2.5-5.0	16	1.7-2.9 feet, dark gray medium grained sand and gray gravel (angular) and well rounded black pebbles.
T08-02	8-25-2012/1140	2.4	0-2.5	96	Pale yellowish-brown silt; dry.
			2.5-5.0	0	

Location	Collection Date/Time	Total Depth of Sample (ft)	Depth Interval (ft)	Percent Recovery	Comments
T08-03	8-25-2012/1315	4.3	0-2.5	100	Pale yellowish-brown silt; dry.
			2.5-5.0	72	2.5–4.3 feet, pale yellowish-brown silt; dry with roots observed to bottom of core.
T08-04	8-25-2012/1410	4	0-2.5	100	0–2.0 feet, pale yellowish-brown silt. 2.0–2.5 feet, grades to river sand and gravel.
			2.5-5.0	60	2.5–4.0 feet, river sand, medium light gray (N6) with well rounded pebbles/gravel.
T08-05	8-25-12/1440	4.3	0-2.5	100	Pale yellowish-brown silt; dry to 2.8 feet.
			2.5-5.0	72	2.8–4.3 feet, river sand and gravel, medium light gray; dry.
T08-06	8-25-2012/1515	4.1	0-2.5	100	Pale yellowish-brown silt; dry.
			2.5-5.0	64	2.5–3.3 feet, same as above. 3.3–4.1 feet, river sand and gravel; dry.
T09-08	8-28-2012/1100	4.1	0-2.5	100	Pale yellowish-brown silt; dry.
			2.5-5.0	64	2.5–3.3 feet, same as above. 3.3–3.5 feet, light gray fine sand; dry. 3.5–4.1 feet, moderate brown clay and silt; dry. (Additional location that was not in the plan.)

Appendix C

Data Validation Report

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Data Review and Validation Report

General Information

Report Number (RIN): 12084779
Sample Event: August 21–29, 2012
Site(s): Riverton, Wyoming, Processing Site
Laboratory: ALS Laboratory Group, Fort Collins, Colorado
Work Order No.: 1208516
Analysis: Metals and Wet Chemistry
Validator: Steve Donivan
Review Date: October 18, 2012

This validation was performed according to the *Environmental Procedures Catalog*, (LMS/PRO/S04325, continually updated) “Standard Practice for Validation of Laboratory Data.” The procedure was applied at Level 3, Data Validation. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 1.

Table 1. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Chloride	MIS-A-045	EPA 300.0	EPA 300.0
Metals: Ca K, Mg, Mn, Na	LMM-01	SW-846 3005A	SW-846 6010B
Metals: Mo, U	LMM-02	SW-846 3005A	SW-846 6020A
Sulfate	MIS-A-045	EPA 300.0	EPA 300.0

Data Qualifier Summary

Analytical results were qualified as listed in Table 2. Refer to the sections below for an explanation of the data qualifiers applied.

Table 2. Data Qualifier Summary

Sample Number	Location	Analyte(s)	Flag	Reason
1208516-1	T03-15 Duplicate	Sodium	J	Serial dilution failure
1208516-2	Equipment blank	Calcium	U	Less than 5 times the calibration blank
1208516-2	Equipment blank	Manganese	U	Less than 5 times the calibration blank
1208516-2	Equipment blank	Sodium	U	Less than 5 times the calibration blank
1208516-4	Equipment blank	Calcium	U	Less than 5 times the calibration blank
1208516-4	Equipment blank	Sodium	U	Less than 5 times the calibration blank
1208516-6	Equipment blank	Sodium	U	Less than 5 times the calibration blank
1208516-8	Equipment blank	Sodium	U	Less than 5 times the calibration blank
1208516-10	Equipment blank	Sodium	U	Less than 5 times the calibration blank
1208516-12	Equipment blank	Sodium	U	Less than 5 times the calibration blank
1208516-48	T03-17	Sodium	J	Serial dilution failure
1208516-49	T03-18	Sodium	J	Serial dilution failure
1208516-50	T03-19	Sodium	J	Serial dilution failure
1208516-51	T03-20	Manganese	J	Serial dilution failure
1208516-51	T03-20	Sodium	J	Serial dilution failure
1208516-53	T04-03	Potassium	J	Less than 10 times the equipment blank
1208516-54	T04-04	Potassium	J	Less than 10 times the equipment blank

Sample Shipping/Receiving

ALS Laboratory Group in Fort Collins, Colorado, received 115 water samples on August 31, 2012, accompanied by a Chain of Custody (COC) form. The COC form was checked to confirm that all of the samples were listed with sample collection dates and times, and that signatures and dates were present, indicating sample relinquishment and receipt. The sample submittal documents had no errors or omissions.

Preservation and Holding Times

The sample shipment was received cool and intact with the temperature inside the iced coolers at 1.6 °C and 2.4 °C, which complies with requirements. All samples were received in the correct container types and had been preserved correctly for the requested analyses. All analyses were performed within the required holding times.

Detection and Quantitation Limits

The method detection limit (MDL) was reported for all metal, organic, and wet chemical analytes as required. The MDL, as defined in 40 CFR 136, is the minimum concentration of an analyte that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. The practical quantitation limit (PQL) for these analytes is the lowest concentration that can be reliably measured, and is defined as 5 times the MDL.

The reported MDLs for all metal and wet chemical analytes demonstrate compliance with contractual requirements.

Laboratory Instrument Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for all analytes. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear curve. Compliance requirements for continuing calibration checks are established to ensure that the instrument continues to be capable of producing acceptable qualitative and quantitative data. All laboratory instrument calibrations were performed correctly in accordance with the cited methods. All calibration and laboratory spike standards were prepared from independent sources.

Method SW-846 6010, Calcium, Manganese, Magnesium, Potassium, Sodium

Calibrations for manganese were performed on September 11 and 20, 2012, using five (three for manganese) calibration standards. The calibration curve correlation coefficient values were greater than 0.995, and the absolute values of the intercepts were less than 3 times the MDL. Initial and continuing calibration verification checks were made at the required frequency, resulting in 45 verification checks. All calibration checks met the acceptance criteria. Reporting limit verification checks were made at the required frequency to verify the linearity of the calibration curve near the PQL, and all results were within the acceptance range.

Method SW-846 6020, Molybdenum, Uranium

Calibrations for molybdenum and uranium were performed on September 18, 2012, using four calibration standards. The calibration curve correlation coefficient values were greater than 0.995, and the absolute values of the intercepts were less than 3 times the MDL. Initial and continuing calibration verification checks were made at the required frequency, resulting in 18 verification checks. All calibration checks met the acceptance criteria. Reporting limit verification checks were made at the required frequency to verify the linearity of the calibration curve near the PQL, and all results were within the acceptance range. Mass calibration and resolution verifications were performed at the beginning of each analytical run in accordance with the analytical procedure. Internal standard recoveries associated with requested analytes were stable and within acceptable ranges.

Method SW-846 9056, Chloride and Sulfate

The calibration for chloride and sulfate was performed using five calibration standards on September 5, 2012. The calibration curve correlation coefficient value was greater than 0.995, and the absolute value of the intercept was less than 3 times the MDL. Initial and continuing calibration verification checks (CCV) were made at the required frequency, resulting in 33 verification checks. The calibration checks met the acceptance criteria with the exception of CCV5 analyzed on September 18, 2012. Samples associated with this CCV were reanalyzed with acceptable CCVs.

Method and Calibration Blanks

Method blanks are analyzed to assess any contamination that may have occurred during sample preparation. Calibration blanks are analyzed to assess instrument contamination prior to and during sample analysis.

All method blank and calibration blank results associated with the samples were below the PQL for all analytes. In cases where the blank concentration is greater than the MDL, the associated sample results that are greater than the MDL but less than five times the blank concentration are qualified with a “U” flag as not detected.

Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Analysis

ICP interference check samples ICSA and ICSAB were analyzed at the required frequency to verify the instrumental interelement and background correction factors. All check sample results met the acceptance criteria.

Matrix Spike Analysis

Matrix spike and matrix spike duplicate (MS/MSD) samples are used to measure method performance in the sample matrix. The MS/MSD analyses resulted in acceptable recovery and precision for all analytes.

Laboratory Replicate Analysis

Laboratory replicate sample results demonstrate acceptable laboratory precision. The relative percent difference values for the sample replicates and matrix spike replicates were less than 20 percent for results that are greater than 5 times the practical quantitation limit, indicating acceptable precision.

Laboratory Control Sample

Laboratory control samples were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. All control sample results were acceptable.

Metals Serial Dilution

Serial dilutions were prepared and analyzed for the metals analyses to monitor chemical or physical interferences in the sample matrix. Serial dilution data are evaluated when the concentration of the undiluted sample is greater than 50 times the MDL. The manganese and sodium serial recoveries from one or more samples did not meet the acceptance criteria. The associated sample manganese and sodium results are qualified with a “J” flag as estimated values.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers. The analytical report included the MDL and PQL for all analytes and all required supporting documentation.

Chromatography Peak Integration

The integration of analyte peaks was reviewed for all ion chromatography data. All peak integrations, including manual integrations, were satisfactory.

Electronic Data Deliverable (EDD) File

The EDD file was received on September 27, 2012. The Sample Management System EDD validation module was used to verify that the EDD files were complete and in compliance with requirements. The module compares the contents of the files to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Equipment Blank

Equipment blanks are prepared and analyzed to document contamination attributable to the sample collection process. Six equipment blanks were submitted with these samples. Potassium, sulfate, and uranium were detected in one or more of these blanks. Associated sample results for these analytes that are less than 10 times the blank concentration are qualified with a "J" flag as estimated values.

Field Duplicate Assessment

Field duplicate samples are collected and analyzed as an indication of overall precision of the measurement process. The precision observed includes both field and laboratory precision and has more variability than laboratory duplicates, which measure only laboratory performance. Duplicate samples were collected from locations T03-15, T04-16, T08-02, T04-07, T07-06, and T05-03. The relative percent difference for duplicate results that are greater than five times the practical quantitation limit (PQL) should be less than 20 percent. For results less than five times the PQL, the range should be no greater than the PQL. All duplicate results met these criteria, demonstrating acceptable precision.

Anion/Cation Balance

The anion/cation balance is used to determine if major ion concentrations have been quantified correctly. The total anions should balance with (be equal to) the total cations when expressed in milliequivalents per liter (meq/L). Table 3 shows the total anion and cation results from this event and the charge balance, which is a relative percent difference calculation. Typically, a charge balance difference of 10 percent is considered acceptable.

Table 3. Comparison of Major Anions and Cations

Location	Cations (meq/L)	Anions (meq/L)	Charge Balance (%)
T01-01	17.55	17.57	0.04
T01-02	11.52	11.15	1.63
T01-03	10.75	10.44	1.49
T01-04	10.50	9.91	2.86
T01-05	14.08	13.38	2.53
T01-06	12.92	12.40	2.05
T01-07	11.39	11.06	1.45
T01-08	8.89	8.58	1.79
T01-09	6.96	6.72	1.80
T02-01	40.45	42.29	2.22
T02-02	14.49	15.95	4.80
T02-03	25.95	28.95	5.46
T02-04	42.12	44.17	2.37
T02-05	44.81	48.71	4.17
T02-06	70.46	79.94	6.30
T02-07	47.64	49.73	2.15
T02-08	18.97	19.51	1.41
T02-09	19.03	18.11	2.47
T02-10	17.32	17.07	0.74
T02-11	12.52	11.70	3.38
T02-12	7.47	7.19	1.92
T02-13	3.98	3.89	1.16
T02-14	4.97	5.05	0.80
T02-15	5.10	6.09	8.87
T03-01	12.02	11.54	2.06
T03-02	14.72	14.32	1.35
T03-08	54.90	61.84	5.95
T03-09	57.23	62.33	4.26
T03-10	29.89	32.67	4.46
T03-11	24.92	24.56	0.72
T03-12	16.10	16.52	1.31
T03-13	13.30	12.81	1.87
T03-14	10.24	9.57	3.35
T03-15	7.78	8.10	2.02
T03-16	7.02	6.75	1.99
T03-17	6.18	5.76	3.49
T03-18	8.84	8.45	2.20
T03-19	7.61	7.38	1.53
T03-20	9.91	9.54	1.93
T03-21	10.42	10.09	1.63
T04-03	26.53	28.80	4.12
T04-04	22.87	24.76	3.97
T04-05	50.35	50.76	0.41
T04-06	63.30	70.12	5.12
T04-07	63.55	68.00	3.39
T04-09	58.77	63.67	4.00

Table 3 (continued). Comparison of Major Anions and Cations

Location	Cations (meq/L)	Anions (meq/L)	Charge Balance (%)
T04-10	48.67	50.84	2.19
T04-11	30.06	30.57	0.84
T04-12	8.23	8.25	0.13
T04-15	7.22	6.61	4.41
T04-16	8.39	7.38	6.45
T04-17	8.36	7.79	3.50
T05-01	88.89	93.29	2.42
T05-02	50.33	53.03	2.61
T05-03	27.58	27.56	0.05
T06-01	34.60	35.62	1.46
T06-02	43.49	41.50	2.35
T06-03	46.39	48.38	2.09
T06-04	33.66	35.09	2.07
T06-05	70.78	73.84	2.12
T06-06	76.99	78.27	0.83
T06-07	100.26	102.23	0.97
T06-08	89.51	91.04	0.85
T06-09	81.84	85.21	2.02
T06-10	92.68	93.59	0.49
T06-11	56.85	57.39	0.47
T06-12	33.24	33.54	0.44
T06-13	32.21	32.13	0.13
T06-14	21.23	19.71	3.72
T06-15	15.24	13.86	4.76
T06-16	14.47	14.01	1.60
T06-17	21.14	20.76	0.90
T06-21	12.04	10.57	6.50
T07-01	109.74	113.11	1.51
T07-02	123.82	121.94	0.77
T07-03	108.85	109.23	0.17
T07-04	98.00	97.84	0.08
T07-05	75.97	80.29	2.77
T07-06	57.16	58.73	1.35
T07-07	34.92	33.33	2.34
T07-08	31.10	29.37	2.85
T07-09	16.21	14.86	4.32
T07-10	13.73	12.68	3.96
T08-01	141.83	148.66	2.35
T08-02	148.00	149.83	0.62
T08-03	123.10	128.87	2.29
T08-04	85.20	94.25	5.04
T08-05	72.58	75.29	1.83
T08-06	56.82	59.52	2.31
T08-07	56.87	58.73	1.61
T08-08	16.81	18.35	4.37
T08-09	14.03	14.23	0.70
T09-01	8.56	8.50	0.33
T09-02	14.93	15.31	1.26

Location	Cations (meq/L)	Anions (meq/L)	Charge Balance (%)
T09-03	20.82	21.77	2.23
T09-04	33.56	34.35	1.16
T09-05	59.09	60.22	0.95
T09-06	20.17	20.23	0.14
T09-07	18.53	18.81	0.75
T09-08	9.84	9.69	0.80
T09-09	9.15	8.93	1.25
T09-10	11.65	10.65	4.51

All of the charge balances calculated were less than 10 percent, indicating acceptable major ion analyses.

Report Prepared By:

Steve Donivan

Steve Donivan
Laboratory Coordinator

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 12084779 Lab Code: PAR Validator: Steve Donivan Validation Date: 10/17/2012
Project: Riverton Analysis Type: Metals General Chem Rad Organics
of Samples: 115 Matrix: WATER Requested Analysis Completed: Yes

Chain of Custody

Present: OK Signed: OK Dated: OK

Sample

Integrity: OK Preservation: OK Temperature: OK

Select Quality Parameters

- Holding Times
- Detection Limits
- Field/Trip Blanks
- Field Duplicates

All analyses were completed within the applicable holding times.

The reported detection limits are equal to or below contract requirements.

There were 6 trip/equipment blanks evaluated.

There were 6 duplicates evaluated.

SAMPLE MANAGEMENT SYSTEM

Page 1 of 3

Validation Report: Equipment/Trip Blanks

RIN: 12084779 Lab Code: PAR Project: Riverton Validation Date: 10/18/2012

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	1208516-10		Uranium				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
1208516-104	KJW 822	T08-08	66	10		
1208516-105	KJW 823	T08-09	27	10		
1208516-111	KJW 829	T09-06	85	10		
1208516-112	KJW 830	T09-07	73	10		
1208516-113	KJW 831	T09-08	18	10		
1208516-114	KJW 832	T09-09	11	10		
1208516-115	KJW 833	T09-10	24	10		
1208516-66	KJW 779	T05-01	480	100		
1208516-86	KJW 804	T06-21	9.6	10		
1208516-9	KJX 208	2390	890	100		
1208516-92	KJW 810	T07-06	890	100		
1208516-94	KJW 812	T07-08	460	100		
1208516-95	KJW 813	T07-09	120	10		
1208516-96	KJW 814	T07-10	59	10		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	1208516-6	SW6010	Potassium	120	B	110	UG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
1208516-53	KJW 760	T04-03	4400	5	B	
1208516-54	KJW 761	T04-04	4700	5	B	
1208516-55	KJW 762	T04-05	10000	5		
1208516-56	KJW 763	T04-06	11000	10		
1208516-57	KJW 764	T04-07	12000	10		
1208516-69	KJW 783	T06-01	5600	5		
1208516-7	KJX 206	2388	14000	10		
1208516-70	KJW 784	T06-02	7700	5		
1208516-71	KJW 785	T06-03	7900	5		
1208516-72	KJW 786	T06-04	5800	5		
1208516-73	KJW 787	T06-05	11000	10		
1208516-74	KJW 788	T06-06	12000	10		

SAMPLE MANAGEMENT SYSTEM

Page 2 of 3

Validation Report: Equipment/Trip Blanks

RIN: 12084779 Lab Code: PAR Project: Riverton Validation Date: 10/18/2012

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	1208516-6		Potassium				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
1208516-75	KJW 789	T06-07	18000	10		
1208516-76	KJW 790	T06-08	16000	10		
1208516-77	KJW 791	T06-09	18000	10		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	1208516-6	SW6020	Uranium	0.07	B	0.029	UG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
1208516-53	KJW 760	T04-03	5.6	10		
1208516-54	KJW 761	T04-04	13	10		
1208516-55	KJW 762	T04-05	36	10		
1208516-56	KJW 763	T04-06	70	10		
1208516-57	KJW 764	T04-07	110	10		
1208516-69	KJW 783	T06-01	51	10		
1208516-7	KJX 206	2388	110	10		
1208516-70	KJW 784	T06-02	24	10		
1208516-71	KJW 785	T06-03	20	10		
1208516-72	KJW 786	T06-04	29	10		
1208516-73	KJW 787	T06-05	170	10		
1208516-74	KJW 788	T06-06	180	10		
1208516-75	KJW 789	T06-07	300	100		
1208516-76	KJW 790	T06-08	600	100		
1208516-77	KJW 791	T06-09	960	100		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	1208516-6	SW9056	SULFATE	0.52		0.5	MG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
1208516-53	KJW 760	T04-03	910	20		
1208516-54	KJW 761	T04-04	800	20		

SAMPLE MANAGEMENT SYSTEM

Page 3 of 3

Validation Report: Equipment/Trip Blanks

RIN: 12084779 Lab Code: PAR Project: Riverton Validation Date: 10/18/2012

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	1208516-6		SULFATE				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
1208516-55	KJW 762	T04-05	2000	50		
1208516-56	KJW 763	T04-06	2800	50		
1208516-57	KJW 764	T04-07	2700	50		
1208516-69	KJW 783	T06-01	1200	20		
1208516-7	KJX 206	2388	2700	50		
1208516-70	KJW 784	T06-02	1500	50		
1208516-71	KJW 785	T06-03	1700	50		
1208516-72	KJW 786	T06-04	1200	50		
1208516-73	KJW 787	T06-05	2900	50		
1208516-74	KJW 788	T06-06	3100	50		
1208516-75	KJW 789	T06-07	4100	100		
1208516-76	KJW 790	T06-08	3600	50		
1208516-77	KJW 791	T06-09	3400	50		

SAMPLE MANAGEMENT SYSTEM

Page 1 of 2

Validation Report: Field Duplicates

RIN: 12084779 Lab Code: PAR Project: Riverton Validation Date: 10/18/2012

Duplicate: 2373

Sample: T03-15

Analyte	Sample				Duplicate				RPD	RER	Units
	Result	Flag	Error	Dilution	Result	Flag	Error	Dilution			
Calcium	64000		1		67000		1		4.58		UG/L
CHLORIDE	7.7		5		7.7		5		0		MG/L
Magnesium	17000		1		17000		1		0		UG/L
Manganese	290		1		300		1		3.39		UG/L
Molybdenum	25		10		25		10		0		UG/L
Potassium	3900		1		4300		1		9.76		UG/L
Sodium	71000		1		72000	E	1		1.40		UG/L
SULFATE	150		5		150		5		0		MG/L
Uranium	24		10		25		10		4.08		UG/L

Duplicate: 2375

Sample: T04-16

Analyte	Sample				Duplicate				RPD	RER	Units
	Result	Flag	Error	Dilution	Result	Flag	Error	Dilution			
Calcium	94000		1		93000		1		1.07		UG/L
CHLORIDE	6.3		5		6.3		5		0		MG/L
Magnesium	22000		1		21000		1		4.65		UG/L
Manganese	190		1		180		1		5.41		UG/L
Molybdenum	9		10		9.1		10		1.10		UG/L
Potassium	6000		1		6100		1		1.65		UG/L
Sodium	40000		1		40000		1		0		UG/L
SULFATE	120		5		120		5		0		MG/L
Uranium	24		10		24		10		0		UG/L

Duplicate: 2377

Sample: T08-02

Analyte	Sample				Duplicate				RPD	RER	Units
	Result	Flag	Error	Dilution	Result	Flag	Error	Dilution			
Calcium	570000		20		560000		50		1.77		UG/L
CHLORIDE	540		100		520		100		3.77		MG/L
Magnesium	390000		20		370000		50		5.26		UG/L
Manganese	1200		20		1100		50		8.70		UG/L
Molybdenum	280		100		300		50		6.90		UG/L
Potassium	19000	B	20		19000	B	50				UG/L
Sodium	2000000		20		1800000		50		10.53		UG/L
SULFATE	5900		100		5800		100		1.71		MG/L
Uranium	1300		100		1400		50		7.41		UG/L

SAMPLE MANAGEMENT SYSTEM

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Validation Report: Field Duplicates

RIN: 12084779 Lab Code: PAR Project: Riverton Validation Date: 10/18/2012

Duplicate: 2388

Sample: T04-07

Analyte	Sample				Duplicate				RPD	RER	Units
	Result	Flag	Error	Dilution	Result	Flag	Error	Dilution			
Calcium	380000		10		390000		10		2.60		UG/L
CHLORIDE	140		50		140		50		0		MG/L
Magnesium	110000		10		110000		10		0		UG/L
Manganese	1800		10		1800		10		0		UG/L
Molybdenum	97		10		98		10		1.03		UG/L
Potassium	12000		10		14000		10		15.38		UG/L
Sodium	810000		10		800000		10		1.24		UG/L
SULFATE	2700		50		2700		50		0		MG/L
Uranium	110		10		110		10		0		UG/L

Duplicate: 2390

Sample: T07-06

Analyte	Sample				Duplicate				RPD	RER	Units
	Result	Flag	Error	Dilution	Result	Flag	Error	Dilution			
Calcium	480000		5		470000		5		2.11		UG/L
CHLORIDE	83		50		86		50		3.55		MG/L
Magnesium	140000		5		130000		5		7.41		UG/L
Manganese	520		5		520		5		0		UG/L
Molybdenum	530		100		530		100		0		UG/L
Potassium	15000		5		16000		5		6.45		UG/L
Sodium	490000		5		470000		5		4.17		UG/L
SULFATE	2300		50		2300		50		0		MG/L
Uranium	890		100		890		100		0		UG/L

Duplicate: 2392

Sample: T05-03

Analyte	Sample				Duplicate				RPD	RER	Units
	Result	Flag	Error	Dilution	Result	Flag	Error	Dilution			
Calcium	280000		5		280000		5		0		UG/L
CHLORIDE	43		20		43		20		0		MG/L
Magnesium	41000		5		40000		5		2.47		UG/L
Manganese	760		5		760		5		0		UG/L
Molybdenum	260		100		260		50		0		UG/L
Potassium	9200		5		10000		5		8.33		UG/L
Sodium	230000		5		230000		5		0		UG/L
SULFATE	980		20		990		20		1.02		MG/L
Uranium	490		100		490		50		0		UG/L

SAMPLE MANAGEMENT SYSTEM

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Metals Data Validation Worksheet

RIN: 12084779

Lab Code: PAR

Date Due: 9/28/2012

Matrix: Water

Site Code: RVT

Date Completed: 10/1/2012

Analyte	Method Type	Date Analyzed	CALIBRATION						Method	LCS %R	MS %R	MSD %R	Dup. RPD	ICSAB %R	Serial Dil. %R	CRI %R
			Int.	R^2	ICV	CCV	ICB	CCB								
Calcium	ICP/ES	09/11/2012	0.0000	1.0000	OK	OK	OK	OK		91.0	92.0	0.0	106.0	4.0	105.0	
Calcium	ICP/ES	09/11/2012								112.0	111.0	1.0	111.0	6.0	108.0	
Calcium	ICP/ES	09/20/2012	0.0000	1.0000	OK	OK	OK	OK		94.0	99.0	2.0	106.0	4.0	108.0	
Calcium	ICP/ES	09/20/2012								102.0	102.0	0.0	104.0	4.0	109.0	
Calcium	ICP/ES	09/20/2012								100.0	97.0	1.0	107.0	7.0	110.0	
Calcium	ICP/ES	09/20/2012								90.0	90.0	0.0				
Magnesium	ICP/ES	09/11/2012	0.0000	1.0000	OK	OK	OK	OK		99.0	100.0	1.0	107.0	4.0	104.0	
Magnesium	ICP/ES	09/11/2012								112.0	111.0	1.0	109.0	8.0	105.0	
Magnesium	ICP/ES	09/20/2012	0.0000	1.0000	OK	OK	OK	OK		103.0	107.0	2.0	108.0	4.0	107.0	
Magnesium	ICP/ES	09/20/2012								107.0	108.0	0.0	109.0	4.0	108.0	
Magnesium	ICP/ES	09/20/2012								107.0	106.0	0.0	111.0	7.0	108.0	
Magnesium	ICP/ES	09/20/2012								103.0	103.0	0.0				
Manganese	ICP/ES	09/11/2012	0.0000	1.0000	OK	OK	OK	OK		92.0	92.0	0.0	98.0	2.0	105.0	
Manganese	ICP/ES	09/11/2012								103.0	102.0	2.0	100.0	9.0	107.0	
Manganese	ICP/ES	09/20/2012	0.0000	1.0000	OK	OK	OK	OK		100.0	101.0	1.0	97.0	4.0	111.0	
Manganese	ICP/ES	09/20/2012								102.0	103.0	0.0	100.0	10.0	111.0	
Manganese	ICP/ES	09/20/2012								102.0	101.0	1.0	101.0	11.0	111.0	
Manganese	ICP/ES	09/20/2012								99.0	99.0	1.0				

SAMPLE MANAGEMENT SYSTEM

Page 2 of 3

Metals Data Validation Worksheet

RIN: 12084779

Lab Code: PAR

Date Due: 9/28/2012

Matrix: Water

Site Code: RVT

Date Completed: 10/1/2012

Analyte	Method Type	Date Analyzed	CALIBRATION						Method	LCS %R	MS %R	MSD %R	Dup. RPD	ICSAB %R	Serial Dil. %R	CRI %R
			Int.	R^2	ICV	CCV	ICB	CCB								
Molybdenum	ICP/MS	09/18/2012	0.0000	1.0000	OK	OK	OK	OK		97.0	96.0	1.0				99.0
Molybdenum	ICP/MS	09/18/2012								103.0	104.0	1.0				102.0
Molybdenum	ICP/MS	09/18/2012								105.0	103.0	1.0				
Molybdenum	ICP/MS	09/18/2012								106.0	105.0	1.0				
Molybdenum	ICP/MS	09/18/2012								105.0	103.0	1.0				
Molybdenum	ICP/MS	09/18/2012								101.0	101.0	0.0				
Potassium	ICP/ES	09/11/2012	0.0000	1.0000	OK	OK	OK	OK		118.0	120.0	1.0				80.0
Potassium	ICP/ES	09/11/2012								115.0	115.0	0.0				80.0
Potassium	ICP/ES	09/20/2012	0.0000	1.0000	OK	OK	OK	OK		114.0	115.0	1.0				81.0
Potassium	ICP/ES	09/20/2012								117.0	119.0	2.0				81.0
Potassium	ICP/ES	09/20/2012								115.0	115.0	0.0				81.0
Potassium	ICP/ES	09/20/2012								117.0	117.0	0.0				
Sodium	ICP/ES	09/11/2012	0.0000	1.0000	OK	OK	OK	OK		98.0	98.0	0.0		16.0	83.0	
Sodium	ICP/ES	09/11/2012								105.0	105.0	0.0		15.0	83.0	
Sodium	ICP/ES	09/20/2012	0.0000	1.0000	OK	OK	OK	OK		104.0	105.0	1.0		13.0	85.0	
Sodium	ICP/ES	09/20/2012								107.0	110.0	2.0		12.0	84.0	
Sodium	ICP/ES	09/20/2012								107.0	107.0	0.0		19.0	85.0	
Sodium	ICP/ES	09/20/2012								100.0	100.0	0.0				

SAMPLE MANAGEMENT SYSTEM

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Metals Data Validation Worksheet

RIN: 12084779

Lab Code: PAR

Date Due: 9/28/2012

Matrix: Water

Site Code: RVT

Date Completed: 10/1/2012

Analyte	Method Type	Date Analyzed	CALIBRATION						Method	LCS %R	MS %R	MSD %R	Dup. RPD	ICSAB %R	Serial Dil. %R	CRI %R
			Int.	R^2	ICV	CCV	ICB	CCB								
Uranium	ICP/MS	09/18/2012	0.0000	1.0000	OK	OK	OK	OK		106.0	107.0	0.0			4.0	130.0
Uranium	ICP/MS	09/18/2012								108.0	103.0	4.0			0.0	105.0
Uranium	ICP/MS	09/18/2012								107.0	105.0	1.0			3.0	
Uranium	ICP/MS	09/18/2012								111.0	105.0	4.0			1.0	
Uranium	ICP/MS	09/18/2012								103.0	104.0	1.0			0.0	
Uranium	ICP/MS	09/18/2012								105.0	106.0	1.0			6.0	

SAMPLE MANAGEMENT SYSTEM
Wet Chemistry Data Validation Worksheet

RIN: 12084779

Lab Code: PAR

Date Due: 9/28/2012

Matrix: Water

Site Code: RVT

Date Completed: 10/1/2012

Analyte	Date Analyzed	CALIBRATION						Method	LCS %R	MS %R	MSD %R	DUP RPD	Serial Dil. %R
		Int.	R^2	ICV	CCV	ICB	CCB						
CHLORIDE	09/12/2012	0.000	1.0000	OK	OK	OK	OK	OK	96.00	108.0	108.0	1.00	
CHLORIDE	09/12/2012									107.0			
CHLORIDE	09/18/2012			OK	OK	OK	OK	OK	99.00	112.0	110.0	1.00	
CHLORIDE	09/18/2012							OK	99.00	110.0	113.0	2.00	
CHLORIDE	09/18/2012									110.0			
CHLORIDE	09/19/2012			OK	OK	OK	OK	OK	98.00	106.0	107.0	2.00	
CHLORIDE	09/19/2012							OK	94.00	110.0	107.0	0	
CHLORIDE	09/19/2012									103.0			
CHLORIDE	09/19/2012									106.0			
CHLORIDE	09/20/2012			OK	OK	OK	OK	OK	95.00	107.0	104.0	2.00	
CHLORIDE	09/20/2012									107.0			
SULFATE	09/12/2012	0.000	1.0000	OK	OK	OK	OK	OK	96.00	111.0	108.0	1.00	
SULFATE	09/12/2012									105.0			
SULFATE	09/18/2012			OK	OK	OK	OK	OK	101.00	113.0	111.0	1.00	
SULFATE	09/18/2012							OK	100.00	107.0	112.0	1.00	
SULFATE	09/18/2012									107.0			

SAMPLE MANAGEMENT SYSTEM
Wet Chemistry Data Validation Worksheet

RIN: 12084779

Lab Code: PAR

Date Due: 9/28/2012

Matrix: Water

Site Code: RVT

Date Completed: 10/1/2012

Analyte	Date Analyzed	CALIBRATION						Method	LCS %R	MS %R	MSD %R	DUP RPD	Serial Dil. %R
		Int.	R^2	ICV	CCV	ICB	CCB						
SULFATE	09/19/2012			OK	OK	OK	OK	OK	100.00	110.0	109.0	2.00	
SULFATE	09/19/2012							OK	96.00	114.0	104.0	0	
SULFATE	09/19/2012									99.0			
SULFATE	09/19/2012									102.0			
SULFATE	09/20/2012			OK	OK	OK	OK	OK	96.00	98.0	95.0	1.00	
SULFATE	09/20/2012									98.0			

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Appendix D

Groundwater Data

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GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Alkalinity, Total (As CaCO3)	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	268		#	-	-	-
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	244		#	-	-	-
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	284		#	-	-	-
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	289		#	-	-	-
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	270		#	-	-	-
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	258		#	-	-	-
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	250		#	-	-	-
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	210		#	-	-	-
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	210		#	-	-	-
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	236		#	-	-	-
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	157		#	-	-	-
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	156		#	-	-	-
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	84		#	-	-	-
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	113		#	-	-	-
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	626		#	-	-	-
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	424		#	-	-	-
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	305		#	-	-	-
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	320		#	-	-	-
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	304		#	-	-	-
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	251		#	-	-	-
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	198		#	-	-	-
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	149		#	-	-	-
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	174		#	-	-	-
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	229		#	-	-	-
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	232		#	-	-	-
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	253		#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Alkalinity, Total (As CaCO3)	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	308		#	-	-	-
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	356		#	-	-	-
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	314		#	-	-	-
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	338		#	-	-	-
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	299		#	-	-	-
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	267		#	-	-	-
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	236		#	-	-	-
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	238		#	-	-	-
	mg/L	T03-16	BH	08/21/2012	N001	9.00 - 12.00	203		#	-	-	-
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	236		#	-	-	-
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	280		#	-	-	-
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	265		#	-	-	-
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	321		#	-	-	-
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	338		#	-	-	-
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	452		#	-	-	-
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	370		#	-	-	-
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	380		#	-	-	-
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	436		#	-	-	-
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	392		#	-	-	-
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	384		#	-	-	-
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	368		#	-	-	-
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	398		#	-	-	-
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	307		#	-	-	-
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	268		#	-	-	-
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	243		#	-	-	-
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	235		#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Alkalinity, Total (As CaCO3)	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	267		#	-	-	-
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	460		#	-	-	-
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	382		#	-	-	-
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	297		#	-	-	-
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	422		#	-	-	-
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	433		#	-	-	-
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	570		#	-	-	-
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	446		#	-	-	-
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	518		#	-	-	-
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	489		#	-	-	-
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	533		#	-	-	-
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	466		#	-	-	-
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	439		#	-	-	-
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	436		#	-	-	-
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	382		#	-	-	-
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	350		#	-	-	-
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	288		#	-	-	-
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	324		#	-	-	-
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	306		#	-	-	-
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	354		#	-	-	-
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	382		#	-	-	-
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	390		#	-	-	-
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	576		#	-	-	-
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	578		#	-	-	-
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	500		#	-	-	-
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	474		#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Alkalinity, Total (As CaCO3)	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	424	#	-	-	-	-
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	425	#	-	-	-	-
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	334	#	-	-	-	-
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	270	#	-	-	-	-
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	309	#	-	-	-	-
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	320	#	-	-	-	-
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	591	#	-	-	-	-
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	588	#	-	-	-	-
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	503	#	-	-	-	-
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	427	#	-	-	-	-
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	368	#	-	-	-	-
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	349	#	-	-	-	-
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	387	#	-	-	-	-
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	374	#	-	-	-	-
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	350	#	-	-	-	-
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	194	#	-	-	-	-
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	221	#	-	-	-	-
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	271	#	-	-	-	-
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	281	#	-	-	-	-
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	391	#	-	-	-	-
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	366	#	-	-	-	-
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	375	#	-	-	-	-
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	314	#	-	-	-	-
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	288	#	-	-	-	-
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	328	#	-	-	-	-
Calcium	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	140.000	#	0.06	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	96.000	#	0.012	-		
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	100.000	#	0.012	-		
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	93.000	#	0.012	-		
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	130.000	#	0.012	-		
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	120.000	#	0.012	-		
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	95.000	#	0.012	-		
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	85.000	#	0.012	-		
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	66.000	#	0.012	-		
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	330.000	#	0.06	-		
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	73.000	#	0.06	-		
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	190.000	#	0.06	-		
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	320.000	#	0.06	-		
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	330.000	#	0.06	-		
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	49.000	#	0.12	-		
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	360.000	#	0.06	-		
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	210.000	#	0.06	-		
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	180.000	#	0.012	-		
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	170.000	#	0.012	-		
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	130.000	#	0.012	-		
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	86.000	#	0.012	-		
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	48.000	#	0.012	-		
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	59.000	#	0.012	-		
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	57.000	#	0.012	-		
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	110.000	#	0.012	-		
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	150.000	#	0.012	-		
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	500.000	#	0.12	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	380.000	#	0.12	-		
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	250.000	#	0.12	-		
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	230.000	#	0.06	-		
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	140.000	#	0.012	-		
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	120.000	#	0.012	-		
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	96.000	#	0.012	-		
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	64.000	#	0.012	-		
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	67.000	#	0.012	-		
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	69.000	#	0.012	-		
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	67.000	#	0.012	-		
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	110.000	#	0.012	-		
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	95.000	#	0.012	-		
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	110.000	#	0.012	-		
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	120.000	#	0.012	-		
Magnesium	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	180.000	#	0.06	-		
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	190.000	#	0.06	-		
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	370.000	#	0.06	-		
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	420.000	#	0.12	-		
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	380.000	#	0.12	-		
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	390.000	#	0.12	-		
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	430.000	#	0.12	-		
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	470.000	#	0.12	-		
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	350.000	#	0.06	-		
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	260.000	#	0.06	-		
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	78.000	#	0.012	-		
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	86.000	#	0.012	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	94.000	#	0.012	-		
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	93.000	#	0.012	-		
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	95.000	#	0.012	-		
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	550.000	#	0.12	-		
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	320.000	#	0.06	-		
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	280.000	#	0.06	-		
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	280.000	#	0.06	-		
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	270.000	#	0.06	-		
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	340.000	#	0.06	-		
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	280.000	#	0.06	-		
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	230.000	#	0.06	-		
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	320.000	#	0.12	-		
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	410.000	#	0.12	-		
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	450.000	#	0.12	-		
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	530.000	#	0.12	-		
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	480.000	#	0.12	-		
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	440.000	#	0.12	-		
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	490.000	#	0.12	-		
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	310.000	#	0.06	-		
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	360.000	#	0.06	-		
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	240.000	#	0.012	-		
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	160.000	#	0.012	-		
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	98.000	#	0.012	-		
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	180.000	#	0.06	-		
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	140.000	#	0.012	-		
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	490.000	#	0.24	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	480.000	#			0.24	-
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	470.000	#			0.24	-
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	460.000	#			0.12	-
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	450.000	#			0.12	-
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	480.000	#			0.06	-
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	470.000	#			0.06	-
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	330.000	#			0.06	-
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	330.000	#			0.06	-
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	140.000	#			0.012	-
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	110.000	#			0.012	-
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	760.000	#			0.24	-
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	570.000	#			0.24	-
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	560.000	#			0.6	-
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	450.000	#			0.24	-
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	500.000	#			0.12	-
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	480.000	#			0.012	-
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	480.000	#			0.06	-
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	420.000	#			0.06	-
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	130.000	#			0.012	-
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	110.000	#			0.012	-
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	72.000	#			0.012	-
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	100.000	#			0.012	-
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	170.000	#			0.06	-
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	210.000	#			0.06	-
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	400.000	#			0.06	-
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	160.000	#			0.06	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	87.000	#	0.06	-		
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	56.000	#	0.012	-		
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	75.000	#	0.012	-		
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	110.000	#	0.012	-		
Chloride	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	49	#	4	-		
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	23	#	2	-		
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	21	#	2	-		
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	21	#	2	-		
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	32	#	2	-		
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	28	#	2	-		
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	23	#	2	-		
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	15	#	1	-		
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	8.1	#	1	-		
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	77	#	10	-		
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	26	#	4	-		
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	30	#	4	-		
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	30	#	1	-		
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	23	#	1	-		
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	28	#	1	-		
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	60	#	10	-		
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	40	#	4	-		
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	46	#	4	-		
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	50	#	2	-		
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	30	#	2	-		
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	11	#	1	-		
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	3.4	#	0.4	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	4.6	#	0.4	-		
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	4.7	#	0.4	-		
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	8.4	#	2	-		
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	11	#	2	-		
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	55	#	10	-		
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	38	#	10	-		
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	50	#	4	-		
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	48	#	4	-		
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	49	#	2	-		
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	36	#	2	-		
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	17	#	1	-		
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	7.7	#	1	-		
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	7.7	#	1	-		
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	6.7	#	1	-		
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	4.4	#	0.2	-		
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	5.2	#	1	-		
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	4.5	#	0.4	-		
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	7.2	#	1	-		
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	7.2	#	1	-		
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	29	#	4	-		
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	25	#	4	-		
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	54	#	10	-		
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	110	#	10	-		
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	140	#	10	-		
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	140	#	10	-		
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	130	#	10	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	77	#			10	-
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	44	#			10	-
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	54	#			10	-
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	6.5	#			0.4	-
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	5.8	#			1	-
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	6.3	#			1	-
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	6.3	#			1	-
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	5.8	#			1	-
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	250	#			10	-
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	59	#			10	-
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	43	#			4	-
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	43	#			4	-
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	78	#			4	-
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	57	#			10	-
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	56	#			10	-
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	42	#			10	-
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	110	#			10	-
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	140	#			10	-
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	220	#			20	-
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	240	#			10	-
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	200	#			10	-
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	130	#			10	-
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	66	#			10	-
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	55	#			4	-
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	49	#			4	-
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	26	#			4	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	16		#	2	-	
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	17		#	2	-	
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	37		#	4	-	
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	9.6		#	2	-	
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	280		#	20	-	
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	370		#	20	-	
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	270		#	20	-	
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	180		#	20	-	
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	110		#	10	-	
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	83		#	10	-	
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	86		#	10	-	
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	59		#	10	-	
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	38		#	4	-	
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	20		#	4	-	
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	16		#	2	-	
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	570		#	20	-	
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	540		#	20	-	
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	520		#	20	-	
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	300		#	20	-	
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	160		#	10	-	
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	120		#	10	-	
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	91		#	10	-	
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	110		#	10	-	
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	31		#	2	-	
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	20		#	2	-	
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	8.9		#	1	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	17	#			2	-
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	26	#			4	-
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	59	#			4	-
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	160	#			10	-
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	37	#			4	-
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	32	#			4	-
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	10	#			1	-
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	8.9	#			1	-
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	12	#			1	-
Dissolved Oxygen	mg/L	T01-01	BH	08/24/2012	N001	7.50 - 10.50	0.70	#			-	-
	mg/L	T01-02	BH	08/24/2012	N001	8.30 - 11.30	0.65	#			-	-
	mg/L	T01-03	BH	08/24/2012	N001	7.50 - 10.50	0.68	#			-	-
	mg/L	T01-04	BH	08/24/2012	N001	7.50 - 10.50	0.71	#			-	-
	mg/L	T01-05	BH	08/23/2012	N001	8.80 - 11.80	0.73	#			-	-
	mg/L	T01-06	BH	08/23/2012	N001	9.00 - 12.00	0.66	#			-	-
	mg/L	T01-07	BH	08/23/2012	N001	9.00 - 12.00	1.31	#			-	-
	mg/L	T01-08	BH	08/23/2012	N001	9.00 - 12.00	1.04	#			-	-
	mg/L	T01-09	BH	08/23/2012	N001	9.00 - 12.00	1.96	#			-	-
	mg/L	T02-01	BH	08/22/2012	N001	6.30 - 9.30	1.31	#			-	-
	mg/L	T02-02	BH	08/22/2012	N001	5.00 - 8.00	1.63	#			-	-
	mg/L	T02-06	BH	08/22/2012	N001	5.10 - 8.10	0.68	#			-	-
	mg/L	T02-07	BH	08/23/2012	N001	7.10 - 10.10	1.39	#			-	-
	mg/L	T02-08	BH	08/23/2012	N001	8.00 - 11.00	1.50	#			-	-
	mg/L	T02-09	BH	08/23/2012	N001	9.00 - 12.00	0.68	#			-	-
	mg/L	T02-10	BH	08/23/2012	N001	9.00 - 12.00	1.04	#			-	-
	mg/L	T02-11	BH	08/23/2012	N001	9.00 - 12.00	0.74	#			-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Dissolved Oxygen	mg/L	T02-12	BH	08/23/2012	N001	9.00 - 12.00	0.93	#	-	-	-	-
	mg/L	T02-13	BH	08/23/2012	N001	9.00 - 12.00	0.75	#	-	-	-	-
	mg/L	T02-14	BH	08/23/2012	N001	9.00 - 12.00	1.35	#	-	-	-	-
	mg/L	T02-15	BH	08/23/2012	N001	9.00 - 12.00	0.53	#	-	-	-	-
	mg/L	T03-01	BH	08/22/2012	N001	9.00 - 12.00	1.56	#	-	-	-	-
	mg/L	T03-02	BH	08/22/2012	N001	9.00 - 12.00	0.60	#	-	-	-	-
	mg/L	T03-18	BH	08/24/2012	N001	9.00 - 12.00	0.97	#	-	-	-	-
	mg/L	T03-19	BH	08/24/2012	N001	9.00 - 12.00	1.19	#	-	-	-	-
	mg/L	T03-20	BH	08/24/2012	N001	9.00 - 12.00	1.74	#	-	-	-	-
	mg/L	T03-21	BH	08/24/2012	N001	9.00 - 12.00	1.10	#	-	-	-	-
	mg/L	T04-03	BH	08/26/2012	N001	8.20 - 11.20	0.72	#	-	-	-	-
	mg/L	T04-04	BH	08/26/2012	N001	9.00 - 12.00	0.81	#	-	-	-	-
	mg/L	T04-05	BH	08/26/2012	N001	9.00 - 12.00	0.68	#	-	-	-	-
	mg/L	T04-06	BH	08/26/2012	N001	9.00 - 12.00	0.43	#	-	-	-	-
	mg/L	T04-07	BH	08/26/2012	N001	9.00 - 12.00	0.5	#	-	-	-	-
	mg/L	T04-08	BH	08/27/2012	N001	9.00 - 12.00	0.64	#	-	-	-	-
	mg/L	T04-09	BH	08/27/2012	N001	9.00 - 12.00	0.48	#	-	-	-	-
	mg/L	T04-10	BH	08/27/2012	N001	9.00 - 12.00	0.59	#	-	-	-	-
	mg/L	T04-11	BH	08/27/2012	N001	9.00 - 12.00	0.54	#	-	-	-	-
	mg/L	T04-12	BH	08/24/2012	N001	9.00 - 12.00	1.09	#	-	-	-	-
	mg/L	T04-15	BH	08/24/2012	N001	9.00 - 12.00	0.57	#	-	-	-	-
	mg/L	T04-16	BH	08/24/2012	N001	9.00 - 12.00	0.93	#	-	-	-	-
	mg/L	T04-17	BH	08/24/2012	N001	9.00 - 12.00	0.76	#	-	-	-	-
	mg/L	T05-01	BH	08/28/2012	N001	9.00 - 12.00	0.79	#	-	-	-	-
	mg/L	T05-02	BH	08/29/2012	N001	6.40 - 9.40	0.60	#	-	-	-	-
	mg/L	T05-03	BH	08/29/2012	N001	9.00 - 12.00	0.44	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Dissolved Oxygen	mg/L	T06-01	BH	08/26/2012	N001	9.00 - 12.00	0.62	#	-	-	-	-
	mg/L	T06-02	BH	08/26/2012	N001	9.00 - 12.00	0.47	#	-	-	-	-
	mg/L	T06-03	BH	08/26/2012	N001	9.00 - 12.00	0.41	#	-	-	-	-
	mg/L	T06-04	BH	08/26/2012	N001	9.00 - 12.00	0.56	#	-	-	-	-
	mg/L	T06-05	BH	08/26/2012	N001	9.00 - 12.00	1.88	#	-	-	-	-
	mg/L	T06-06	BH	08/26/2012	N001	9.00 - 12.00	1.34	#	-	-	-	-
	mg/L	T06-07	BH	08/26/2012	N001	7.30 - 10.30	0.65	#	-	-	-	-
	mg/L	T06-08	BH	08/26/2012	N001	9.00 - 12.00	0.62	#	-	-	-	-
	mg/L	T06-09	BH	08/26/2012	N001	9.00 - 12.00	0.78	#	-	-	-	-
	mg/L	T06-10	BH	08/27/2012	N001	9.00 - 12.00	0.4	#	-	-	-	-
	mg/L	T06-11	BH	08/27/2012	N001	9.00 - 12.00	0.70	#	-	-	-	-
	mg/L	T06-12	BH	08/27/2012	N001	9.00 - 12.00	0.78	#	-	-	-	-
	mg/L	T06-13	BH	08/27/2012	N001	8.50 - 11.50	0.75	#	-	-	-	-
	mg/L	T06-14	BH	08/27/2012	N001	9.00 - 12.00	0.50	#	-	-	-	-
	mg/L	T06-15	BH	08/27/2012	N001	9.00 - 12.00	0.65	#	-	-	-	-
	mg/L	T06-16	BH	08/27/2012	N001	9.00 - 12.00	0.92	#	-	-	-	-
	mg/L	T06-17	BH	08/27/2012	N001	9.00 - 12.00	0.74	#	-	-	-	-
	mg/L	T06-21	BH	08/28/2012	N001	8.00 - 11.00	0.63	#	-	-	-	-
	mg/L	T07-01	BH	08/25/2012	N001	9.00 - 12.00	0.48	#	-	-	-	-
	mg/L	T07-02	BH	08/25/2012	N001	9.00 - 12.00	0.65	#	-	-	-	-
	mg/L	T07-03	BH	08/25/2012	N001	9.00 - 12.00	0.59	#	-	-	-	-
	mg/L	T07-04	BH	08/25/2012	N001	7.50 - 10.50	0.79	#	-	-	-	-
	mg/L	T07-05	BH	08/25/2012	N001	9.00 - 12.00	0.48	#	-	-	-	-
	mg/L	T07-06	BH	08/28/2012	N001	9.00 - 12.00	0.65	#	-	-	-	-
	mg/L	T07-07	BH	08/29/2012	N001	9.00 - 12.00	0.54	#	-	-	-	-
	mg/L	T07-08	BH	08/28/2012	N001	9.00 - 12.00	0.62	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Dissolved Oxygen	mg/L	T07-09	BH	08/28/2012	N001	9.00 - 12.00	0.73	#	-	-	-	-
	mg/L	T07-10	BH	08/28/2012	N001	9.00 - 12.00	0.54	#	-	-	-	-
	mg/L	T08-01	BH	08/25/2012	N001	9.00 - 12.00	0.67	#	-	-	-	-
	mg/L	T08-02	BH	08/25/2012	N001	9.00 - 12.00	0.76	#	-	-	-	-
	mg/L	T08-03	BH	08/25/2012	N001	9.00 - 12.00	2.09	#	-	-	-	-
	mg/L	T08-04	BH	08/25/2012	N001	9.00 - 12.00	0.84	#	-	-	-	-
	mg/L	T08-05	BH	08/25/2012	N001	9.00 - 12.00	0.62	#	-	-	-	-
	mg/L	T08-06	BH	08/25/2012	N001	9.00 - 12.00	0.69	#	-	-	-	-
	mg/L	T08-07	BH	08/27/2012	N001	9.00 - 12.00	0.54	#	-	-	-	-
	mg/L	T08-08	BH	08/28/2012	N001	9.00 - 12.00	0.79	#	-	-	-	-
	mg/L	T08-09	BH	08/28/2012	N001	9.00 - 12.00	0.46	#	-	-	-	-
	mg/L	T09-01	BH	08/25/2012	N001	9.00 - 12.00	0.75	#	-	-	-	-
	mg/L	T09-02	BH	08/25/2012	N001	9.00 - 12.00	0.62	#	-	-	-	-
	mg/L	T09-03	BH	08/25/2012	N001	9.00 - 12.00	2.10	#	-	-	-	-
Magnesium	mg/L	T09-04	BH	08/25/2012	N001	9.00 - 12.00	1.39	#	-	-	-	-
	mg/L	T09-05	BH	08/25/2012	N001	9.00 - 12.00	0.74	#	-	-	-	-
	mg/L	T09-06	BH	08/28/2012	N001	9.00 - 12.00	0.58	#	-	-	-	-
	mg/L	T09-07	BH	08/28/2012	N001	9.00 - 12.00	0.73	#	-	-	-	-
	mg/L	T09-08	BH	08/28/2012	N001	9.00 - 12.00	0.88	#	-	-	-	-
	mg/L	T09-09	BH	08/28/2012	N001	9.00 - 12.00	0.61	#	-	-	-	-
	mg/L	T09-10	BH	08/28/2012	N001	9.00 - 12.00	0.48	#	-	-	-	-
	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	37.000	#	0.065	-	-	-
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	22.000	#	0.013	-	-	-
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	22.000	#	0.013	-	-	-
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	22.000	#	0.013	-	-	-
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	32.000	#	0.013	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Magnesium	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	30.000	#	0.013	-		
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	25.000	#	0.013	-		
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	20.000	#	0.013	-		
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	14.000	#	0.013	-		
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	67.000	#	0.065	-		
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	8.700	#	0.065	-		
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	18.000	#	0.065	-		
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	19.000	#	0.065	-		
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	19.000	#	0.065	-		
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	30.000	#	0.13	-		
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	56.000	#	0.065	-		
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	27.000	#	0.065	-		
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	46.000	#	0.013	-		
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	42.000	#	0.013	-		
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	30.000	#	0.013	-		
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	19.000	#	0.013	-		
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	10.000	#	0.013	-		
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	12.000	#	0.013	-		
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	12.000	#	0.013	-		
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	25.000	#	0.013	-		
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	36.000	#	0.013	-		
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	54.000	#	0.13	-		
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	49.000	#	0.13	-		
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	46.000	#	0.13	-		
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	45.000	#	0.065	-		
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	35.000	#	0.013	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Magnesium	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	29.000	#	0.013	-		
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	26.000	#	0.013	-		
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	17.000	#	0.013	-		
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	17.000	#	0.013	-		
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	17.000	#	0.013	-		
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	16.000	#	0.013	-		
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	22.000	#	0.013	-		
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	20.000	#	0.013	-		
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	29.000	#	0.013	-		
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	30.000	#	0.013	-		
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	48.000	#	0.065	-		
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	45.000	#	0.065	-		
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	99.000	#	0.065	-		
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	120.000	#	0.13	-		
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	110.000	#	0.13	-		
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	110.000	#	0.13	-		
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	98.000	#	0.13	-		
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	76.000	#	0.13	-		
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	63.000	#	0.065	-		
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	46.000	#	0.065	-		
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	7.700	#	0.013	-		
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	19.000	#	0.013	-		
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	22.000	#	0.013	-		
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	21.000	#	0.013	-		
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	24.000	#	0.013	-		
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	160.000	#	0.13	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Magnesium	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	80.000	#	0.065	-		
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	41.000	#	0.065	-		
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	40.000	#	0.065	-		
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	70.000	#	0.065	-		
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	98.000	#	0.065	-		
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	85.000	#	0.065	-		
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	67.000	#	0.065	-		
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	150.000	#	0.13	-		
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	160.000	#	0.13	-		
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	200.000	#	0.13	-		
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	180.000	#	0.13	-		
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	180.000	#	0.13	-		
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	220.000	#	0.13	-		
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	99.000	#	0.13	-		
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	54.000	#	0.065	-		
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	69.000	#	0.065	-		
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	45.000	#	0.013	-		
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	34.000	#	0.013	-		
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	35.000	#	0.013	-		
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	56.000	#	0.065	-		
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	32.000	#	0.013	-		
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	240.000	#	0.26	-		
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	310.000	#	0.26	-		
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	240.000	#	0.26	-		
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	220.000	#	0.13	-		
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	170.000	#	0.13	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Magnesium	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	140.000	#	0.065	-		
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	130.000	#	0.065	-		
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	67.000	#	0.065	-		
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	74.000	#	0.065	-		
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	41.000	#	0.013	-		
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	29.000	#	0.013	-		
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	360.000	#	0.26	-		
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	390.000	#	0.26	-		
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	370.000	#	0.65	-		
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	320.000	#	0.26	-		
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	200.000	#	0.13	-		
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	170.000	#	0.013	-		
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	120.000	#	0.065	-		
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	120.000	#	0.065	-		
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	50.000	#	0.013	-		
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	39.000	#	0.013	-		
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	25.000	#	0.013	-		
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	40.000	#	0.013	-		
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	59.000	#	0.065	-		
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	110.000	#	0.065	-		
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	140.000	#	0.065	-		
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	57.000	#	0.065	-		
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	34.000	#	0.065	-		
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	21.000	#	0.013	-		
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	22.000	#	0.013	-		
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	29.000	#	0.013	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	0.110		#	0.00057	-	
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	0.240		#	0.00011	-	
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	0.350		#	0.00011	-	
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	0.400		#	0.00011	-	
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	0.530		#	0.00011	-	
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	0.091		#	0.00011	-	
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	0.022		#	0.00011	-	
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	0.012		#	0.00011	-	
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	0.034		#	0.00011	-	
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	1.300		#	0.00057	-	
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	0.270		#	0.00057	-	
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	0.570		#	0.00057	-	
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	2.200		#	0.00057	-	
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	1.500		#	0.00057	-	
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	0.160		#	0.0011	-	
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	7.200		#	0.00057	-	
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	0.570		#	0.00057	-	
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	0.180		#	0.00011	-	
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	0.040		#	0.00011	-	
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	0.048		#	0.00011	-	
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	0.017		#	0.00011	-	
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	0.038		#	0.00011	-	
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	0.040		#	0.00011	-	
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	0.067		#	0.00011	-	
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	0.660		#	0.00011	-	
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	0.990		#	0.00011	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	2.100		#	0.0011	-	
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	0.740		#	0.0011	-	
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	0.360		#	0.0011	-	
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	0.061		#	0.00057	-	
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	0.016		#	0.00011	-	
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	0.059		#	0.00011	-	
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	0.095		#	0.00011	-	
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	0.290		#	0.00011	-	
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	0.300		#	0.00011	-	
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	0.070		#	0.00011	-	
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	0.150		#	0.00011	-	
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	0.170		#	0.00011	-	
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	0.098		#	0.00011	-	
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	0.150	E	J	#	0.00011	-
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	0.210		#	0.00011	-	
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	1.700		#	0.00057	-	
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	1.400		#	0.00057	-	
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	3.000		#	0.00057	-	
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	4.100		#	0.0011	-	
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	1.800		#	0.0011	-	
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	1.800		#	0.0011	-	
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	2.000		#	0.0011	-	
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	2.000		#	0.0011	-	
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	1.500		#	0.00057	-	
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	0.660		#	0.00057	-	
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	0.036		#	0.00011	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	0.096	#	0.00011		-	
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	0.190	#	0.00011		-	
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	0.180	#	0.00011		-	
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	0.075	#	0.00011		-	
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	1.300	#	0.0011		-	
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	1.000	#	0.00057		-	
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	0.760	#	0.00057		-	
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	0.760	#	0.00057		-	
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	1.200	#	0.00057		-	
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	1.700	#	0.00057		-	
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	1.400	#	0.00057		-	
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	0.670	#	0.00057		-	
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	0.170	#	0.0011		-	
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	2.800	#	0.0011		-	
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	1.700	#	0.0011		-	
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	0.850	#	0.0011		-	
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	0.640	#	0.0011		-	
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	2.700	#	0.0011		-	
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	1.400	#	0.0011		-	
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	1.100	#	0.00057		-	
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	2.200	#	0.00057		-	
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	0.670	#	0.00011		-	
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	0.700	#	0.00011		-	
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	0.060	#	0.00011		-	
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	0.180	#	0.00057		-	
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	0.087	#	0.00011		-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	0.700		#	0.0023	-	
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	0.330		#	0.0023	-	
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	0.190		#	0.0023	-	
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	3.400		#	0.0011	-	
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	2.100		#	0.0011	-	
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	0.520		#	0.00057	-	
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	0.520		#	0.00057	-	
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	1.600		#	0.00057	-	
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	1.600		#	0.00057	-	
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	0.840		#	0.00011	-	
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	0.800		#	0.00011	-	
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	2.000		#	0.0023	-	
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	1.200		#	0.0023	-	
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	1.100		#	0.0057	-	
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	1.100		#	0.0023	-	
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	1.200		#	0.0011	-	
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	1.600		#	0.00011	-	
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	2.200		#	0.00057	-	
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	2.900		#	0.00057	-	
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	1.300		#	0.00011	-	
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	0.360		#	0.00011	-	
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	0.740		#	0.00011	-	
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	0.930		#	0.00011	-	
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	2.100		#	0.00057	-	
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	2.300		#	0.00057	-	
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	3.500		#	0.00057	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	2.500		#	0.00057	-	
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	0.440		#	0.00057	-	
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	0.028		#	0.00011	-	
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	0.075		#	0.00011	-	
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	0.190		#	0.00011	-	
Molybdenum	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	0.0094		#	0.00032	-	
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	0.0099		#	0.00032	-	
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	0.0084		#	0.00032	-	
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	0.0082		#	0.00032	-	
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	0.0081		#	0.00032	-	
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	0.0078		#	0.00032	-	
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	0.0096		#	0.00032	-	
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	0.0059		#	0.00032	-	
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	0.011		#	0.00032	-	
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	0.016		#	0.00032	-	
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	0.016		#	0.00032	-	
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	0.018		#	0.00032	-	
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	0.016		#	0.00032	-	
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	0.018		#	0.00032	-	
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	0.032		#	0.00032	-	
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	0.043		#	0.00032	-	
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	0.052		#	0.00032	-	
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	0.090		#	0.00032	-	
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	0.031		#	0.00032	-	
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	0.0077		#	0.00032	-	
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	0.0062		#	0.00032	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Molybdenum	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	0.0052		#	0.00032	-	
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	0.0051		#	0.00032	-	
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	0.0067		#	0.00032	-	
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	0.0058		#	0.00032	-	
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	0.0047		#	0.00032	-	
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	0.350		#	0.0032	-	
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	0.940		#	0.00032	-	
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	0.450		#	0.0016	-	
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	0.200		#	0.00032	-	
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	0.110		#	0.00032	-	
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	0.067		#	0.00032	-	
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	0.024		#	0.00032	-	
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	0.025		#	0.00032	-	
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	0.025		#	0.00032	-	
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	0.016		#	0.00032	-	
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	0.019		#	0.00032	-	
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	0.0046		#	0.00032	-	
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	0.004		#	0.00032	-	
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	0.0072		#	0.00032	-	
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	0.0062		#	0.00032	-	
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	0.0085		#	0.00032	-	
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	0.009		#	0.00032	-	
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	0.027		#	0.00032	-	
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	0.052		#	0.00032	-	
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	0.097		#	0.00032	-	
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	0.098		#	0.00032	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Molybdenum	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	0.210		#	0.0016	-	
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	0.450		#	0.0032	-	
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	1.100		#	0.0016	-	
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	0.670		#	0.00032	-	
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	0.150		#	0.00032	-	
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	0.019		#	0.00032	-	
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	0.009		#	0.00032	-	
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	0.0091		#	0.00032	-	
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	0.0089		#	0.00032	-	
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	0.220		#	0.0032	-	
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	0.970		#	0.0032	-	
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	0.260		#	0.0032	-	
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	0.260		#	0.0016	-	
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	0.013		#	0.00032	-	
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	0.0083		#	0.00032	-	
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	0.012		#	0.00032	-	
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	0.020		#	0.00032	-	
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	0.083		#	0.00032	-	
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	0.110		#	0.00032	-	
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	0.170		#	0.0032	-	
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	0.250		#	0.0032	-	
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	0.310		#	0.0032	-	
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	0.960		#	0.0032	-	
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	0.970		#	0.0032	-	
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	0.340		#	0.0032	-	
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	0.075		#	0.0032	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Molybdenum	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	0.030	#	0.00032		-	
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	0.014	#	0.00032		-	
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	0.005	#	0.00032		-	
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	0.0048	#	0.00032		-	
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	0.0046	#	0.00032		-	
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	0.150	#	0.0016		-	
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	0.190	#	0.0032		-	
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	0.400	#	0.0032		-	
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	0.840	#	0.0032		-	
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	0.930	#	0.0032		-	
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	0.530	#	0.0032		-	
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	0.530	#	0.0032		-	
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	0.150	#	0.0032		-	
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	0.032	#	0.0032		-	
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	0.021	#	0.00032		-	
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	0.0084	#	0.00032		-	
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	0.150	#	0.0032		-	
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	0.280	#	0.0032		-	
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	0.300	#	0.0016		-	
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	0.560	#	0.0064		-	
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	0.980	#	0.0032		-	
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	0.870	#	0.0032		-	
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	0.360	#	0.0032		-	
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	0.160	#	0.0032		-	
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	0.0045	#	0.00032		-	
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	0.0057	#	0.00032		-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Molybdenum	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	0.006	#	0.00032	-		
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	0.0069	#	0.00032	-		
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	0.0096	#	0.00032	-		
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	0.0079	#	0.00032	-		
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	0.016	#	0.00032	-		
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	0.0071	#	0.00032	-		
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	0.0097	#	0.00032	-		
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	0.007	#	0.00032	-		
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	0.0066	#	0.00032	-		
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	0.0055	#	0.00032	-		
Oxidation Reduction Potential	mV	T01-01	BH	08/24/2012	N001	7.50 - 10.50	-58.5	#	-	-		
	mV	T01-02	BH	08/24/2012	N001	8.30 - 11.30	-68.1	#	-	-		
	mV	T01-03	BH	08/24/2012	N001	7.50 - 10.50	-103.6	#	-	-		
	mV	T01-04	BH	08/24/2012	N001	7.50 - 10.50	-80.0	#	-	-		
	mV	T01-05	BH	08/23/2012	N001	8.80 - 11.80	-90.7	#	-	-		
	mV	T01-06	BH	08/23/2012	N001	9.00 - 12.00	-45.9	#	-	-		
	mV	T01-07	BH	08/23/2012	N001	9.00 - 12.00	-95.9	#	-	-		
	mV	T01-08	BH	08/23/2012	N001	9.00 - 12.00	-69.4	#	-	-		
	mV	T01-09	BH	08/23/2012	N001	9.00 - 12.00	-84.8	#	-	-		
	mV	T02-01	BH	08/22/2012	N001	6.30 - 9.30	-106.8	#	-	-		
	mV	T02-02	BH	08/22/2012	N001	5.00 - 8.00	-103.6	#	-	-		
	mV	T02-03	BH	08/22/2012	N001	6.50 - 9.50	-135.8	#	-	-		
	mV	T02-04	BH	08/22/2012	N001	4.00 - 7.00	-59.8	#	-	-		
	mV	T02-05	BH	08/22/2012	N001	6.40 - 9.40	-95.7	#	-	-		
	mV	T02-06	BH	08/22/2012	N001	5.10 - 8.10	-143.4	#	-	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Oxidation Reduction Potential	mV	T02-07	BH	08/23/2012	N001	7.10 - 10.10	-34.6	#	-	-	-	-
	mV	T02-08	BH	08/23/2012	N001	8.00 - 11.00	-57.7	#	-	-	-	-
	mV	T02-09	BH	08/23/2012	N001	9.00 - 12.00	-38.9	#	-	-	-	-
	mV	T02-10	BH	08/23/2012	N001	9.00 - 12.00	-47.0	#	-	-	-	-
	mV	T02-11	BH	08/23/2012	N001	9.00 - 12.00	-24.3	#	-	-	-	-
	mV	T02-12	BH	08/23/2012	N001	9.00 - 12.00	-61.4	#	-	-	-	-
	mV	T02-13	BH	08/23/2012	N001	9.00 - 12.00	-74.8	#	-	-	-	-
	mV	T02-14	BH	08/23/2012	N001	9.00 - 12.00	-31.5	#	-	-	-	-
	mV	T02-15	BH	08/23/2012	N001	9.00 - 12.00	-28.7	#	-	-	-	-
	mV	T03-01	BH	08/22/2012	N001	9.00 - 12.00	-95.1	#	-	-	-	-
	mV	T03-02	BH	08/22/2012	N001	9.00 - 12.00	-67.2	#	-	-	-	-
	mV	T03-08	BH	08/21/2012	N001	9.00 - 12.00	-7.2	#	-	-	-	-
	mV	T03-09	BH	08/22/2012	N001	9.00 - 12.00	-2.1	#	-	-	-	-
	mV	T03-10	BH	08/22/2012	N001	9.00 - 12.00	-27.2	#	-	-	-	-
	mV	T03-11	BH	08/22/2012	N001	9.00 - 12.00	-43.5	#	-	-	-	-
	mV	T03-12	BH	08/21/2012	N001	9.00 - 12.00	-39.6	#	-	-	-	-
	mV	T03-13	BH	08/21/2012	N001	9.00 - 12.00	-46.2	#	-	-	-	-
	mV	T03-14	BH	08/21/2012	N001	6.00 - 9.00	-26.7	#	-	-	-	-
	mV	T03-15	BH	08/21/2012	N001	6.00 - 9.00	-82.8	#	-	-	-	-
	mV	T03-16	BH	08/21/2012	N001	9.00 - 12.00	-61.0	#	-	-	-	-
	mV	T03-17	BH	08/21/2012	N001	9.00 - 12.00	-89.5	#	-	-	-	-
	mV	T03-18	BH	08/24/2012	N001	9.00 - 12.00	-109.0	#	-	-	-	-
	mV	T03-19	BH	08/24/2012	N001	9.00 - 12.00	-95.0	#	-	-	-	-
	mV	T03-20	BH	08/24/2012	N001	9.00 - 12.00	-93.8	#	-	-	-	-
	mV	T03-21	BH	08/24/2012	N001	9.00 - 12.00	-69.5	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Oxidation Reduction Potential	mV	T04-03	BH	08/26/2012	N001	8.20 - 11.20	-70.3	#	-	-	-	-
	mV	T04-04	BH	08/26/2012	N001	9.00 - 12.00	-55.5	#	-	-	-	-
	mV	T04-05	BH	08/26/2012	N001	9.00 - 12.00	-79.9	#	-	-	-	-
	mV	T04-06	BH	08/26/2012	N001	9.00 - 12.00	-85.7	#	-	-	-	-
	mV	T04-07	BH	08/26/2012	N001	9.00 - 12.00	-74.6	#	-	-	-	-
	mV	T04-08	BH	08/27/2012	N001	9.00 - 12.00	-23.9	#	-	-	-	-
	mV	T04-09	BH	08/27/2012	N001	9.00 - 12.00	-65.0	#	-	-	-	-
	mV	T04-10	BH	08/27/2012	N001	9.00 - 12.00	-66.4	#	-	-	-	-
	mV	T04-11	BH	08/27/2012	N001	9.00 - 12.00	-55.3	#	-	-	-	-
	mV	T04-12	BH	08/24/2012	N001	9.00 - 12.00	-61.8	#	-	-	-	-
	mV	T04-15	BH	08/24/2012	N001	9.00 - 12.00	-58.3	#	-	-	-	-
	mV	T04-16	BH	08/24/2012	N001	9.00 - 12.00	-82.9	#	-	-	-	-
	mV	T04-17	BH	08/24/2012	N001	9.00 - 12.00	-61.0	#	-	-	-	-
	mV	T05-01	BH	08/28/2012	N001	9.00 - 12.00	-91.1	#	-	-	-	-
	mV	T05-02	BH	08/29/2012	N001	6.40 - 9.40	-25.7	#	-	-	-	-
	mV	T05-03	BH	08/29/2012	N001	9.00 - 12.00	-57.5	#	-	-	-	-
	mV	T06-01	BH	08/26/2012	N001	9.00 - 12.00	-93.2	#	-	-	-	-
	mV	T06-02	BH	08/26/2012	N001	9.00 - 12.00	-72.0	#	-	-	-	-
	mV	T06-03	BH	08/26/2012	N001	9.00 - 12.00	-65.1	#	-	-	-	-
	mV	T06-04	BH	08/26/2012	N001	9.00 - 12.00	-52.7	#	-	-	-	-
	mV	T06-05	BH	08/26/2012	N001	9.00 - 12.00	-64.0	#	-	-	-	-
	mV	T06-06	BH	08/26/2012	N001	9.00 - 12.00	-69.6	#	-	-	-	-
	mV	T06-07	BH	08/26/2012	N001	7.30 - 10.30	-54.3	#	-	-	-	-
	mV	T06-08	BH	08/26/2012	N001	9.00 - 12.00	-36.2	#	-	-	-	-
	mV	T06-09	BH	08/26/2012	N001	9.00 - 12.00	-9.4	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Oxidation Reduction Potential	mV	T06-10	BH	08/27/2012	N001	9.00 - 12.00	-40.1	#	-	-	-	-
	mV	T06-11	BH	08/27/2012	N001	9.00 - 12.00	-54.6	#	-	-	-	-
	mV	T06-12	BH	08/27/2012	N001	9.00 - 12.00	-63.8	#	-	-	-	-
	mV	T06-13	BH	08/27/2012	N001	8.50 - 11.50	-45.5	#	-	-	-	-
	mV	T06-14	BH	08/27/2012	N001	9.00 - 12.00	-58.0	#	-	-	-	-
	mV	T06-15	BH	08/27/2012	N001	9.00 - 12.00	-54.5	#	-	-	-	-
	mV	T06-16	BH	08/27/2012	N001	9.00 - 12.00	-100.5	#	-	-	-	-
	mV	T06-17	BH	08/27/2012	N001	9.00 - 12.00	-63.2	#	-	-	-	-
	mV	T06-21	BH	08/28/2012	N001	8.00 - 11.00	-63.3	#	-	-	-	-
	mV	T07-01	BH	08/25/2012	N001	9.00 - 12.00	-67.3	#	-	-	-	-
	mV	T07-02	BH	08/25/2012	N001	9.00 - 12.00	-50.3	#	-	-	-	-
	mV	T07-03	BH	08/25/2012	N001	9.00 - 12.00	-47.9	#	-	-	-	-
	mV	T07-04	BH	08/25/2012	N001	7.50 - 10.50	-48.9	#	-	-	-	-
	mV	T07-05	BH	08/25/2012	N001	9.00 - 12.00	-40.6	#	-	-	-	-
	mV	T07-06	BH	08/28/2012	N001	9.00 - 12.00	-44.1	#	-	-	-	-
	mV	T07-07	BH	08/29/2012	N001	9.00 - 12.00	-63.4	#	-	-	-	-
	mV	T07-08	BH	08/28/2012	N001	9.00 - 12.00	-36.7	#	-	-	-	-
	mV	T07-09	BH	08/28/2012	N001	9.00 - 12.00	-67.6	#	-	-	-	-
	mV	T07-10	BH	08/28/2012	N001	9.00 - 12.00	-81.2	#	-	-	-	-
	mV	T08-01	BH	08/25/2012	N001	9.00 - 12.00	-48.1	#	-	-	-	-
	mV	T08-02	BH	08/25/2012	N001	9.00 - 12.00	-39.6	#	-	-	-	-
	mV	T08-03	BH	08/25/2012	N001	9.00 - 12.00	-59.7	#	-	-	-	-
	mV	T08-04	BH	08/25/2012	N001	9.00 - 12.00	-33.1	#	-	-	-	-
	mV	T08-05	BH	08/25/2012	N001	9.00 - 12.00	-54.3	#	-	-	-	-
	mV	T08-06	BH	08/25/2012	N001	9.00 - 12.00	-43.3	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Oxidation Reduction Potential	mV	T08-07	BH	08/27/2012	N001	9.00 - 12.00	-74.2	#	-	-	-	-
	mV	T08-08	BH	08/28/2012	N001	9.00 - 12.00	-56.0	#	-	-	-	-
	mV	T08-09	BH	08/28/2012	N001	9.00 - 12.00	-107.9	#	-	-	-	-
	mV	T09-01	BH	08/25/2012	N001	9.00 - 12.00	-12.4	#	-	-	-	-
	mV	T09-02	BH	08/25/2012	N001	9.00 - 12.00	-69.2	#	-	-	-	-
	mV	T09-03	BH	08/25/2012	N001	9.00 - 12.00	-70.7	#	-	-	-	-
	mV	T09-04	BH	08/25/2012	N001	9.00 - 12.00	-65.8	#	-	-	-	-
	mV	T09-05	BH	08/25/2012	N001	9.00 - 12.00	-36.8	#	-	-	-	-
	mV	T09-06	BH	08/28/2012	N001	9.00 - 12.00	-44.9	#	-	-	-	-
	mV	T09-07	BH	08/28/2012	N001	9.00 - 12.00	-16.1	#	-	-	-	-
	mV	T09-08	BH	08/28/2012	N001	9.00 - 12.00	-69.3	#	-	-	-	-
pH	s.u.	T01-01	BH	08/24/2012	N001	7.50 - 10.50	7.19	#	-	-	-	-
	s.u.	T01-02	BH	08/24/2012	N001	8.30 - 11.30	7.22	#	-	-	-	-
	s.u.	T01-03	BH	08/24/2012	N001	7.50 - 10.50	7.30	#	-	-	-	-
	s.u.	T01-04	BH	08/24/2012	N001	7.50 - 10.50	7.16	#	-	-	-	-
	s.u.	T01-05	BH	08/23/2012	N001	8.80 - 11.80	7.23	#	-	-	-	-
	s.u.	T01-06	BH	08/23/2012	N001	9.00 - 12.00	7.59	#	-	-	-	-
	s.u.	T01-07	BH	08/23/2012	N001	9.00 - 12.00	7.35	#	-	-	-	-
	s.u.	T01-08	BH	08/23/2012	N001	9.00 - 12.00	7.30	#	-	-	-	-
	s.u.	T01-09	BH	08/23/2012	N001	9.00 - 12.00	7.25	#	-	-	-	-
	s.u.	T02-01	BH	08/22/2012	N001	6.30 - 9.30	7.24	#	-	-	-	-
	s.u.	T02-02	BH	08/22/2012	N001	5.00 - 8.00	7.71	#	-	-	-	-
	s.u.	T02-03	BH	08/22/2012	N001	6.50 - 9.50	7.60	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
pH	s.u.	T02-04	BH	08/22/2012	N001	4.00 - 7.00	7.54	#	-	-	-	-
	s.u.	T02-05	BH	08/22/2012	N001	6.40 - 9.40	7.57	#	-	-	-	-
	s.u.	T02-06	BH	08/22/2012	N001	5.10 - 8.10	7.84	#	-	-	-	-
	s.u.	T02-07	BH	08/23/2012	N001	7.10 - 10.10	6.49	#	-	-	-	-
	s.u.	T02-08	BH	08/23/2012	N001	8.00 - 11.00	6.94	#	-	-	-	-
	s.u.	T02-09	BH	08/23/2012	N001	9.00 - 12.00	7.16	#	-	-	-	-
	s.u.	T02-10	BH	08/23/2012	N001	9.00 - 12.00	7.20	#	-	-	-	-
	s.u.	T02-11	BH	08/23/2012	N001	9.00 - 12.00	7.23	#	-	-	-	-
	s.u.	T02-12	BH	08/23/2012	N001	9.00 - 12.00	7.29	#	-	-	-	-
	s.u.	T02-13	BH	08/23/2012	N001	9.00 - 12.00	7.57	#	-	-	-	-
	s.u.	T02-14	BH	08/23/2012	N001	9.00 - 12.00	7.45	#	-	-	-	-
	s.u.	T02-15	BH	08/23/2012	N001	9.00 - 12.00	7.48	#	-	-	-	-
	s.u.	T03-01	BH	08/22/2012	N001	9.00 - 12.00	7.28	#	-	-	-	-
	s.u.	T03-02	BH	08/22/2012	N001	9.00 - 12.00	7.14	#	-	-	-	-
	s.u.	T03-08	BH	08/21/2012	N001	9.00 - 12.00	6.81	#	-	-	-	-
	s.u.	T03-09	BH	08/22/2012	N001	9.00 - 12.00	7.00	#	-	-	-	-
	s.u.	T03-10	BH	08/22/2012	N001	9.00 - 12.00	6.97	#	-	-	-	-
	s.u.	T03-11	BH	08/22/2012	N001	9.00 - 12.00	7.10	#	-	-	-	-
	s.u.	T03-12	BH	08/21/2012	N001	9.00 - 12.00	7.09	#	-	-	-	-
	s.u.	T03-13	BH	08/21/2012	N001	9.00 - 12.00	7.12	#	-	-	-	-
	s.u.	T03-14	BH	08/21/2012	N001	6.00 - 9.00	7.02	#	-	-	-	-
	s.u.	T03-15	BH	08/21/2012	N001	6.00 - 9.00	7.29	#	-	-	-	-
	s.u.	T03-16	BH	08/21/2012	N001	9.00 - 12.00	7.49	#	-	-	-	-
	s.u.	T03-17	BH	08/21/2012	N001	9.00 - 12.00	7.48	#	-	-	-	-
	s.u.	T03-18	BH	08/24/2012	N001	9.00 - 12.00	7.19	#	-	-	-	-
	s.u.	T03-19	BH	08/24/2012	N001	9.00 - 12.00	7.18	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
pH	s.u.	T03-20	BH	08/24/2012	N001	9.00 - 12.00	7.17	#	-	-	-	-
	s.u.	T03-21	BH	08/24/2012	N001	9.00 - 12.00	7.10	#	-	-	-	-
	s.u.	T04-03	BH	08/26/2012	N001	8.20 - 11.20	7.10	#	-	-	-	-
	s.u.	T04-04	BH	08/26/2012	N001	9.00 - 12.00	7.11	#	-	-	-	-
	s.u.	T04-05	BH	08/26/2012	N001	9.00 - 12.00	7.12	#	-	-	-	-
	s.u.	T04-06	BH	08/26/2012	N001	9.00 - 12.00	7.12	#	-	-	-	-
	s.u.	T04-07	BH	08/26/2012	N001	9.00 - 12.00	7.16	#	-	-	-	-
	s.u.	T04-08	BH	08/27/2012	N001	9.00 - 12.00	6.86	#	-	-	-	-
	s.u.	T04-09	BH	08/27/2012	N001	9.00 - 12.00	6.94	#	-	-	-	-
	s.u.	T04-10	BH	08/27/2012	N001	9.00 - 12.00	7.01	#	-	-	-	-
	s.u.	T04-11	BH	08/27/2012	N001	9.00 - 12.00	7.00	#	-	-	-	-
	s.u.	T04-12	BH	08/24/2012	N001	9.00 - 12.00	7.10	#	-	-	-	-
	s.u.	T04-15	BH	08/24/2012	N001	9.00 - 12.00	7.15	#	-	-	-	-
	s.u.	T04-16	BH	08/24/2012	N001	9.00 - 12.00	7.16	#	-	-	-	-
	s.u.	T04-17	BH	08/24/2012	N001	9.00 - 12.00	7.15	#	-	-	-	-
	s.u.	T05-01	BH	08/28/2012	N001	9.00 - 12.00	7.04	#	-	-	-	-
	s.u.	T05-02	BH	08/29/2012	N001	6.40 - 9.40	6.88	#	-	-	-	-
	s.u.	T05-03	BH	08/29/2012	N001	9.00 - 12.00	7.04	#	-	-	-	-
	s.u.	T06-01	BH	08/26/2012	N001	9.00 - 12.00	7.62	#	-	-	-	-
	s.u.	T06-02	BH	08/26/2012	N001	9.00 - 12.00	7.24	#	-	-	-	-
	s.u.	T06-03	BH	08/26/2012	N001	9.00 - 12.00	7.10	#	-	-	-	-
	s.u.	T06-04	BH	08/26/2012	N001	9.00 - 12.00	7.12	#	-	-	-	-
	s.u.	T06-05	BH	08/26/2012	N001	9.00 - 12.00	7.24	#	-	-	-	-
	s.u.	T06-06	BH	08/26/2012	N001	9.00 - 12.00	7.08	#	-	-	-	-
	s.u.	T06-07	BH	08/26/2012	N001	7.30 - 10.30	7.16	#	-	-	-	-
	s.u.	T06-08	BH	08/26/2012	N001	9.00 - 12.00	7.06	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
pH	s.u.	T06-09	BH	08/26/2012	N001	9.00 - 12.00	6.89	#	-	-	-	-
	s.u.	T06-10	BH	08/27/2012	N001	9.00 - 12.00	6.94	#	-	-	-	-
	s.u.	T06-11	BH	08/27/2012	N001	9.00 - 12.00	6.96	#	-	-	-	-
	s.u.	T06-12	BH	08/27/2012	N001	9.00 - 12.00	7.01	#	-	-	-	-
	s.u.	T06-13	BH	08/27/2012	N001	8.50 - 11.50	6.96	#	-	-	-	-
	s.u.	T06-14	BH	08/27/2012	N001	9.00 - 12.00	7.04	#	-	-	-	-
	s.u.	T06-15	BH	08/27/2012	N001	9.00 - 12.00	6.99	#	-	-	-	-
	s.u.	T06-16	BH	08/27/2012	N001	9.00 - 12.00	7.25	#	-	-	-	-
	s.u.	T06-17	BH	08/27/2012	N001	9.00 - 12.00	7.02	#	-	-	-	-
	s.u.	T06-21	BH	08/28/2012	N001	8.00 - 11.00	6.89	#	-	-	-	-
	s.u.	T07-01	BH	08/25/2012	N001	9.00 - 12.00	7.21	#	-	-	-	-
	s.u.	T07-02	BH	08/25/2012	N001	9.00 - 12.00	7.09	#	-	-	-	-
	s.u.	T07-03	BH	08/25/2012	N001	9.00 - 12.00	7.11	#	-	-	-	-
	s.u.	T07-04	BH	08/25/2012	N001	7.50 - 10.50	7.00	#	-	-	-	-
	s.u.	T07-05	BH	08/25/2012	N001	9.00 - 12.00	6.96	#	-	-	-	-
	s.u.	T07-06	BH	08/28/2012	N001	9.00 - 12.00	6.90	#	-	-	-	-
	s.u.	T07-07	BH	08/29/2012	N001	9.00 - 12.00	6.99	#	-	-	-	-
	s.u.	T07-08	BH	08/28/2012	N001	9.00 - 12.00	7.01	#	-	-	-	-
	s.u.	T07-09	BH	08/28/2012	N001	9.00 - 12.00	7.13	#	-	-	-	-
	s.u.	T07-10	BH	08/28/2012	N001	9.00 - 12.00	7.24	#	-	-	-	-
	s.u.	T08-01	BH	08/25/2012	N001	9.00 - 12.00	7.08	#	-	-	-	-
	s.u.	T08-02	BH	08/25/2012	N001	9.00 - 12.00	7.09	#	-	-	-	-
	s.u.	T08-03	BH	08/25/2012	N001	9.00 - 12.00	7.15	#	-	-	-	-
	s.u.	T08-04	BH	08/25/2012	N001	9.00 - 12.00	7.00	#	-	-	-	-
	s.u.	T08-05	BH	08/25/2012	N001	9.00 - 12.00	7.03	#	-	-	-	-
	s.u.	T08-06	BH	08/25/2012	N001	9.00 - 12.00	6.99	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
pH	s.u.	T08-07	BH	08/27/2012	N001	9.00 - 12.00	6.99		#		-	-
	s.u.	T08-08	BH	08/28/2012	N001	9.00 - 12.00	7.21		#		-	-
	s.u.	T08-09	BH	08/28/2012	N001	9.00 - 12.00	7.26		#		-	-
	s.u.	T09-01	BH	08/25/2012	N001	9.00 - 12.00	7.29		#		-	-
	s.u.	T09-02	BH	08/25/2012	N001	9.00 - 12.00	7.44		#		-	-
	s.u.	T09-03	BH	08/25/2012	N001	9.00 - 12.00	7.30		#		-	-
	s.u.	T09-04	BH	08/25/2012	N001	9.00 - 12.00	7.24		#		-	-
	s.u.	T09-05	BH	08/25/2012	N001	9.00 - 12.00	7.18		#		-	-
	s.u.	T09-06	BH	08/28/2012	N001	9.00 - 12.00	7.10		#		-	-
	s.u.	T09-07	BH	08/28/2012	N001	9.00 - 12.00	7.31		#		-	-
	s.u.	T09-08	BH	08/28/2012	N001	9.00 - 12.00	7.26		#		-	-
	s.u.	T09-09	BH	08/28/2012	N001	9.00 - 12.00	7.21		#		-	-
	s.u.	T09-10	BH	08/28/2012	N001	9.00 - 12.00	7.11		#		-	-
Potassium	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	5.100		#	0.54	-	-
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	5.300		#	0.11	-	-
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	6.600		#	0.11	-	-
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	6.800		#	0.11	-	-
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	6.800		#	0.11	-	-
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	6.300		#	0.11	-	-
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	9.400		#	0.11	-	-
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	5.200		#	0.11	-	-
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	3.300		#	0.11	-	-
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	8.100		#	0.54	-	-
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	4.900	B	#	0.54	-	-
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	7.900		#	0.54	-	-
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	9.100		#	0.54	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Potassium	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	9.700		#	0.54	-	
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	12.000		#	1.1	-	
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	11.000		#	0.54	-	
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	7.100		#	0.54	-	
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	6.700		#	0.11	-	
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	6.500		#	0.11	-	
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	4.900		#	0.11	-	
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	3.500		#	0.11	-	
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	2.600		#	0.11	-	
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	3.100		#	0.11	-	
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	3.500		#	0.11	-	
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	5.100		#	0.11	-	
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	5.400		#	0.11	-	
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	11.000		#	1.1	-	
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	12.000		#	1.1	-	
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	5.600	B	#	1.1	-	
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	6.600		#	0.54	-	
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	5.500		#	0.11	-	
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	5.500		#	0.11	-	
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	5.200		#	0.11	-	
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	3.900		#	0.11	-	
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	4.300		#	0.11	-	
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	3.600		#	0.11	-	
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	4.900		#	0.11	-	
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	4.000		#	0.11	-	
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	3.800		#	0.11	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Potassium	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	4.900		#	0.11	-	
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	5.400		#	0.11	-	
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	4.400	B	J	#	0.54	-
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	4.700	B	J	#	0.54	-
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	10.000		#	0.54	-	
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	11.000		#	1.1	-	
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	12.000		#	1.1	-	
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	14.000		#	1.1	-	
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	14.000		#	1.1	-	
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	14.000		#	1.1	-	
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	14.000		#	0.54	-	
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	9.800		#	0.54	-	
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	5.300		#	0.11	-	
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	5.600		#	0.11	-	
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	6.000		#	0.11	-	
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	6.100		#	0.11	-	
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	4.800		#	0.11	-	
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	17.000		#	1.1	-	
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	15.000		#	0.54	-	
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	9.200		#	0.54	-	
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	10.000		#	0.54	-	
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	5.600		#	0.54	-	
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	7.700		#	0.54	-	
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	7.900		#	0.54	-	
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	5.800		#	0.54	-	
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	11.000		#	1.1	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Potassium	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	12.000	#			1.1	-
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	18.000	#			1.1	-
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	16.000	#			1.1	-
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	18.000	#			1.1	-
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	17.000	#			1.1	-
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	13.000	#			1.1	-
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	11.000	#			0.54	-
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	12.000	#			0.54	-
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	13.000	#			0.11	-
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	7.800	#			0.11	-
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	6.900	#			0.11	-
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	6.100	#			0.54	-
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	7.900	#			0.11	-
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	12.000	B			2.2	-
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	17.000	B			2.2	-
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	16.000	B			2.2	-
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	16.000	#			1.1	-
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	15.000	#			1.1	-
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	15.000	#			0.54	-
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	16.000	#			0.54	-
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	13.000	#			0.54	-
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	11.000	#			0.54	-
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	7.500	#			0.11	-
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	7.800	#			0.11	-
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	14.000	B			2.2	-
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	19.000	B			2.2	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Potassium	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	19.000	B		#	5.4	-
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	15.000	B		#	2.2	-
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	12.000			#	1.1	-
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	28.000			#	0.11	-
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	15.000			#	0.54	-
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	15.000			#	0.54	-
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	4.800			#	0.11	-
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	4.400			#	0.11	-
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	3.300			#	0.11	-
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	4.900			#	0.11	-
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	3.400	B		#	0.54	-
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	4.700	B		#	0.54	-
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	8.200			#	0.54	-
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	4.200	B		#	0.54	-
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	3.400	B		#	0.54	-
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	3.900			#	0.11	-
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	4.700			#	0.11	-
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	4.900			#	0.11	-
Sodium	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	170.000			#	0.033	-
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	110.000			#	0.0066	-
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	87.000			#	0.0066	-
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	89.000			#	0.0066	-
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	110.000			#	0.0066	-
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	99.000			#	0.0066	-
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	100.000			#	0.0066	-
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	66.000			#	0.0066	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sodium	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	56.000	#	0.0066	-		
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	420.000	#	0.033	-		
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	230.000	#	0.033	-		
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	340.000	#	0.033	-		
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	560.000	#	0.033	-		
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	610.000	#	0.033	-		
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	1500.000	#	0.066	-		
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	570.000	#	0.033	-		
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	140.000	#	0.033	-		
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	140.000	#	0.0066	-		
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	120.000	#	0.0066	-		
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	79.000	#	0.0066	-		
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	35.000	#	0.0066	-		
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	16.000	#	0.0066	-		
Chloride	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	22.000	#	0.0066	-		
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	27.000	#	0.0066	-		
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	100.000	#	0.0066	-		
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	95.000	#	0.0066	-		
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	580.000	#	0.066	-		
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	780.000	#	0.066	-		
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	310.000	#	0.066	-		
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	220.000	#	0.033	-		
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	140.000	#	0.033	-		
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	110.000	#	0.0066	-		
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	73.000	#	0.0066	-		
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	71.000	#	0.0066	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sodium	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	72.000	E	J	#	0.0066	-
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	48.000			#	0.0066	-
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	32.000	E	J	#	0.0066	-
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	33.000	E	J	#	0.0066	-
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	26.000	E	J	#	0.0066	-
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	44.000	E	J	#	0.0066	-
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	42.000			#	0.0066	-
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	310.000			#	0.033	-
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	220.000			#	0.033	-
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	540.000			#	0.033	-
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	740.000			#	0.066	-
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	810.000			#	0.066	-
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	800.000			#	0.066	-
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	720.000			#	0.066	-
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	660.000			#	0.066	-
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	590.000			#	0.033	-
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	300.000			#	0.033	-
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	82.000			#	0.0066	-
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	28.000			#	0.0066	-
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	40.000			#	0.0066	-
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	40.000			#	0.0066	-
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	35.000			#	0.0066	-
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	1100.000			#	0.066	-
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	630.000			#	0.033	-
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	230.000			#	0.033	-
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	230.000			#	0.033	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sodium	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	350.000	#	0.033	-		
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	420.000	#	0.033	-		
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	580.000	#	0.033	-		
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	380.000	#	0.033	-		
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	970.000	#	0.066	-		
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	990.000	#	0.066	-		
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	1400.000	#	0.066	-		
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	1100.000	#	0.066	-		
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	980.000	#	0.066	-		
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	1200.000	#	0.066	-		
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	550.000	#	0.066	-		
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	300.000	#	0.033	-		
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	190.000	#	0.033	-		
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	120.000	#	0.0066	-		
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	98.000	#	0.0066	-		
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	150.000	#	0.0066	-		
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	170.000	#	0.033	-		
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	51.000	#	0.0066	-		
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	1500.000	#	0.13	-		
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	1700.000	#	0.13	-		
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	1500.000	#	0.13	-		
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	1300.000	#	0.066	-		
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	900.000	#	0.066	-		
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	490.000	#	0.033	-		
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	470.000	#	0.033	-		
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	290.000	#	0.033	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sodium	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	190.000	#	0.033	-		
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	130.000	#	0.0066	-		
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	130.000	#	0.0066	-		
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	1700.000	#	0.13	-		
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	2000.000	#	0.13	-		
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	1800.000	#	0.33	-		
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	1700.000	#	0.13	-		
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	1000.000	#	0.066	-		
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	780.000	#	0.066	-		
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	520.000	#	0.033	-		
Specific Conductance	umhos/cm	T01-01	BH	08/24/2012	N001	7.50 - 10.50	1452	#	-	-		
	umhos/cm	T01-02	BH	08/24/2012	N001	8.30 - 11.30	836	#	-	-		
	umhos/cm	T01-03	BH	08/24/2012	N001	7.50 - 10.50	884	#	-	-		

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
				DATE	ID			LAB	DATA	QA	
Specific Conductance	umhos/cm	T01-04	BH	08/24/2012	N001	7.50 - 10.50	870	#	-	-	-
	umhos/cm	T01-05	BH	08/23/2012	N001	8.80 - 11.80	1120	#	-	-	-
	umhos/cm	T01-06	BH	08/23/2012	N001	9.00 - 12.00	26	#	-	-	-
	umhos/cm	T01-07	BH	08/23/2012	N001	9.00 - 12.00	953	#	-	-	-
	umhos/cm	T01-08	BH	08/23/2012	N001	9.00 - 12.00	745	#	-	-	-
	umhos/cm	T01-09	BH	08/23/2012	N001	9.00 - 12.00	589	#	-	-	-
	umhos/cm	T02-01	BH	08/22/2012	N001	6.30 - 9.30	3114	#	-	-	-
	umhos/cm	T02-02	BH	08/22/2012	N001	5.00 - 8.00	1430	#	-	-	-
	umhos/cm	T02-03	BH	08/22/2012	N001	6.50 - 9.50	2279	#	-	-	-
	umhos/cm	T02-04	BH	08/22/2012	N001	4.00 - 7.00	3424	#	-	-	-
	umhos/cm	T02-05	BH	08/22/2012	N001	6.40 - 9.40	3566	#	-	-	-
	umhos/cm	T02-06	BH	08/22/2012	N001	5.10 - 8.10	6166	#	-	-	-
	umhos/cm	T02-07	BH	08/23/2012	N001	7.10 - 10.10	3611	#	-	-	-
	umhos/cm	T02-08	BH	08/23/2012	N001	8.00 - 11.00	1556	#	-	-	-
	umhos/cm	T02-09	BH	08/23/2012	N001	9.00 - 12.00	1423	#	-	-	-
	umhos/cm	T02-10	BH	08/23/2012	N001	9.00 - 12.00	1348	#	-	-	-
	umhos/cm	T02-11	BH	08/23/2012	N001	9.00 - 12.00	989	#	-	-	-
	umhos/cm	T02-12	BH	08/23/2012	N001	9.00 - 12.00	641	#	-	-	-
	umhos/cm	T02-13	BH	08/23/2012	N001	9.00 - 12.00	360	#	-	-	-
	umhos/cm	T02-14	BH	08/23/2012	N001	9.00 - 12.00	434	#	-	-	-
	umhos/cm	T02-15	BH	08/23/2012	N001	9.00 - 12.00	441	#	-	-	-
	umhos/cm	T03-01	BH	08/22/2012	N001	9.00 - 12.00	998	#	-	-	-
	umhos/cm	T03-02	BH	08/22/2012	N001	9.00 - 12.00	1036	#	-	-	-
	umhos/cm	T03-08	BH	08/21/2012	N001	9.00 - 12.00	4147	#	-	-	-
	umhos/cm	T03-09	BH	08/22/2012	N001	9.00 - 12.00	4467	#	-	-	-
	umhos/cm	T03-10	BH	08/22/2012	N001	9.00 - 12.00	2515	#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Specific Conductance	umhos/cm	T03-11	BH	08/22/2012	N001	9.00 - 12.00	2031	#	-	-	-	-
	umhos/cm	T03-12	BH	08/21/2012	N001	9.00 - 12.00	1374	#	-	-	-	-
	umhos/cm	T03-13	BH	08/21/2012	N001	9.00 - 12.00	1111	#	-	-	-	-
	umhos/cm	T03-14	BH	08/21/2012	N001	6.00 - 9.00	843	#	-	-	-	-
	umhos/cm	T03-15	BH	08/21/2012	N001	6.00 - 9.00	669	#	-	-	-	-
	umhos/cm	T03-16	BH	08/21/2012	N001	9.00 - 12.00	598	#	-	-	-	-
	umhos/cm	T03-17	BH	08/21/2012	N001	9.00 - 12.00	516	#	-	-	-	-
	umhos/cm	T03-18	BH	08/24/2012	N001	9.00 - 12.00	713	#	-	-	-	-
	umhos/cm	T03-19	BH	08/24/2012	N001	9.00 - 12.00	627	#	-	-	-	-
	umhos/cm	T03-20	BH	08/24/2012	N001	9.00 - 12.00	781	#	-	-	-	-
	umhos/cm	T03-21	BH	08/24/2012	N001	9.00 - 12.00	822	#	-	-	-	-
	umhos/cm	T04-03	BH	08/26/2012	N001	8.20 - 11.20	2251	#	-	-	-	-
	umhos/cm	T04-04	BH	08/26/2012	N001	9.00 - 12.00	1950	#	-	-	-	-
	umhos/cm	T04-05	BH	08/26/2012	N001	9.00 - 12.00	3776	#	-	-	-	-
	umhos/cm	T04-06	BH	08/26/2012	N001	9.00 - 12.00	4874	#	-	-	-	-
	umhos/cm	T04-07	BH	08/26/2012	N001	9.00 - 12.00	4951	#	-	-	-	-
	umhos/cm	T04-08	BH	08/27/2012	N001	9.00 - 12.00	4649	#	-	-	-	-
	umhos/cm	T04-09	BH	08/27/2012	N001	9.00 - 12.00	4459	#	-	-	-	-
	umhos/cm	T04-10	BH	08/27/2012	N001	9.00 - 12.00	2377	#	-	-	-	-
	umhos/cm	T04-11	BH	08/27/2012	N001	9.00 - 12.00	2459	#	-	-	-	-
	umhos/cm	T04-12	BH	08/24/2012	N001	9.00 - 12.00	694	#	-	-	-	-
	umhos/cm	T04-15	BH	08/24/2012	N001	9.00 - 12.00	589	#	-	-	-	-
	umhos/cm	T04-16	BH	08/24/2012	N001	9.00 - 12.00	677	#	-	-	-	-
	umhos/cm	T04-17	BH	08/24/2012	N001	9.00 - 12.00	666	#	-	-	-	-
	umhos/cm	T05-01	BH	08/28/2012	N001	9.00 - 12.00	6419	#	-	-	-	-
	umhos/cm	T05-02	BH	08/29/2012	N001	6.40 - 9.40	3951	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Specific Conductance	umhos/cm	T05-03	BH	08/29/2012	N001	9.00 - 12.00	2174	#	-	-	-	-
	umhos/cm	T06-01	BH	08/26/2012	N001	9.00 - 12.00	2759	#	-	-	-	-
	umhos/cm	T06-02	BH	08/26/2012	N001	9.00 - 12.00	3187	#	-	-	-	-
	umhos/cm	T06-03	BH	08/26/2012	N001	9.00 - 12.00	3672	#	-	-	-	-
	umhos/cm	T06-04	BH	08/26/2012	N001	9.00 - 12.00	2750	#	-	-	-	-
	umhos/cm	T06-05	BH	08/26/2012	N001	9.00 - 12.00	4490	#	-	-	-	-
	umhos/cm	T06-06	BH	08/26/2012	N001	9.00 - 12.00	5732	#	-	-	-	-
	umhos/cm	T06-07	BH	08/26/2012	N001	7.30 - 10.30	7295	#	-	-	-	-
	umhos/cm	T06-08	BH	08/26/2012	N001	9.00 - 12.00	6414	#	-	-	-	-
	umhos/cm	T06-09	BH	08/26/2012	N001	9.00 - 12.00	5948	#	-	-	-	-
	umhos/cm	T06-10	BH	08/27/2012	N001	9.00 - 12.00	6494	#	-	-	-	-
	umhos/cm	T06-11	BH	08/27/2012	N001	9.00 - 12.00	3726	#	-	-	-	-
	umhos/cm	T06-12	BH	08/27/2012	N001	9.00 - 12.00	2537	#	-	-	-	-
	umhos/cm	T06-13	BH	08/27/2012	N001	8.50 - 11.50	2384	#	-	-	-	-
	umhos/cm	T06-14	BH	08/27/2012	N001	9.00 - 12.00	1521	#	-	-	-	-
	umhos/cm	T06-15	BH	08/27/2012	N001	9.00 - 12.00	1143	#	-	-	-	-
	umhos/cm	T06-16	BH	08/27/2012	N001	9.00 - 12.00	1077	#	-	-	-	-
	umhos/cm	T06-17	BH	08/27/2012	N001	9.00 - 12.00	1709	#	-	-	-	-
	umhos/cm	T06-21	BH	08/28/2012	N001	8.00 - 11.00	901	#	-	-	-	-
	umhos/cm	T07-01	BH	08/25/2012	N001	9.00 - 12.00	7977	#	-	-	-	-
	umhos/cm	T07-02	BH	08/25/2012	N001	9.00 - 12.00	8511	#	-	-	-	-
	umhos/cm	T07-03	BH	08/25/2012	N001	9.00 - 12.00	7727	#	-	-	-	-
	umhos/cm	T07-04	BH	08/25/2012	N001	7.50 - 10.50	7064	#	-	-	-	-
	umhos/cm	T07-05	BH	08/25/2012	N001	9.00 - 12.00	5570	#	-	-	-	-
	umhos/cm	T07-06	BH	08/28/2012	N001	9.00 - 12.00	1945	#	-	-	-	-
	umhos/cm	T07-07	BH	08/29/2012	N001	9.00 - 12.00	2635	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Specific Conductance	umhos/cm	T07-08	BH	08/28/2012	N001	9.00 - 12.00	2242	#	-	-	-	-
	umhos/cm	T07-09	BH	08/28/2012	N001	9.00 - 12.00	1267	#	-	-	-	-
	umhos/cm	T07-10	BH	08/28/2012	N001	9.00 - 12.00	1104	#	-	-	-	-
	umhos/cm	T08-01	BH	08/25/2012	N001	9.00 - 12.00	9744	#	-	-	-	-
	umhos/cm	T08-02	BH	08/25/2012	N001	9.00 - 12.00	10139	#	-	-	-	-
	umhos/cm	T08-03	BH	08/25/2012	N001	9.00 - 12.00	8644	#	-	-	-	-
	umhos/cm	T08-04	BH	08/25/2012	N001	9.00 - 12.00	6458	#	-	-	-	-
	umhos/cm	T08-05	BH	08/25/2012	N001	9.00 - 12.00	5299	#	-	-	-	-
	umhos/cm	T08-06	BH	08/25/2012	N001	9.00 - 12.00	4137	#	-	-	-	-
	umhos/cm	T08-07	BH	08/27/2012	N001	9.00 - 12.00	4133	#	-	-	-	-
	umhos/cm	T08-08	BH	08/28/2012	N001	9.00 - 12.00	1478	#	-	-	-	-
	umhos/cm	T08-09	BH	08/28/2012	N001	9.00 - 12.00	1195	#	-	-	-	-
	umhos/cm	T09-01	BH	08/25/2012	N001	9.00 - 12.00	718	#	-	-	-	-
	umhos/cm	T09-02	BH	08/25/2012	N001	9.00 - 12.00	1227	#	-	-	-	-
Sulfate	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	520	#	10	-	-	-
	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	270	#	5	-	-	-
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	200	#	5	-	-	-
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	170	#	5	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	340		#		5	-
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	310		#		5	-
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	260		#		5	-
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	190		#		2.5	-
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	110		#		2.5	-
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	1700		#		25	-
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	580		#		10	-
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	1200		#		10	-
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	2000		#		25	-
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	2200		#		25	-
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	3200		#		25	-
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	1900		#		25	-
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	590		#		10	-
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	500		#		10	-
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	460		#		5	-
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	280		#		5	-
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	140		#		2.5	-
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	39		#		1	-
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	69		#		1	-
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	66		#		1	-
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	320		#		5	-
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	430		#		5	-
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	2600		#		25	-
	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	2600		#		25	-
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	1200		#		10	-
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	790		#		10	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	440	#			5	-
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	310	#			5	-
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	210	#			2.5	-
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	150	#			2.5	-
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	150	#			2.5	-
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	120	#			2.5	-
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	44	#			0.5	-
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	130	#			2.5	-
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	94	#			1	-
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	140	#			2.5	-
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	150	#			2.5	-
	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	910	#			10	-
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	800	#			10	-
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	2000	#			25	-
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	2800	#			25	-
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	2700	#			25	-
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	2700	#			25	-
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	2600	#			25	-
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	2600	#			25	-
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	2000	#			25	-
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	1100	#			25	-
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	130	#			1	-
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	76	#			2.5	-
	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	120	#			2.5	-
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	120	#			2.5	-
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	110	#			2.5	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	3700	#			25	-
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	2100	#			25	-
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	980	#			10	-
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	990	#			10	-
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	1200	#			10	-
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	1500	#			25	-
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	1700	#			25	-
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	1200	#			25	-
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	2900	#			25	-
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	3100	#			25	-
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	4100	#			50	-
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	3600	#			25	-
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	3400	#			25	-
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	3900	#			25	-
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	2300	#			25	-
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	1200	#			10	-
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	1200	#			10	-
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	600	#			10	-
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	350	#			5	-
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	310	#			5	-
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	580	#			10	-
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	120	#			5	-
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	4500	#			50	-
	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	4800	#			50	-
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	4400	#			50	-
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	4000	#			50	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	3300	#			25	-
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	2300	#			25	-
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	2300	#			25	-
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	1200	#			25	-
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	1100	#			10	-
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	390	#			10	-
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	280	#			5	-
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	5800	#			50	-
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	5900	#			50	-
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	5800	#			50	-
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	5300	#			50	-
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	3900	#			25	-
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	3100	#			25	-
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	2400	#			25	-
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	2300	#			25	-
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	480	#			5	-
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	320	#			5	-
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	210	#			2.5	-
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	500	#			5	-
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	750	#			10	-
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	1300	#			10	-
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	2300	#			25	-
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	570	#			10	-
	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	500	#			10	-
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	150	#			2.5	-
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	140	#			2.5	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	T09-10	BH	08/28/2012	N001	9.00 - 12.00	180		#		2.5	-
Temperature	C	T01-01	BH	08/24/2012	N001	7.50 - 10.50	14.87		#		-	-
	C	T01-02	BH	08/24/2012	N001	8.30 - 11.30	15.27		#		-	-
	C	T01-03	BH	08/24/2012	N001	7.50 - 10.50	17.66		#		-	-
	C	T01-04	BH	08/24/2012	N001	7.50 - 10.50	16.01		#		-	-
	C	T01-05	BH	08/23/2012	N001	8.80 - 11.80	18.27		#		-	-
	C	T01-06	BH	08/23/2012	N001	9.00 - 12.00	20.05		#		-	-
	C	T01-07	BH	08/23/2012	N001	9.00 - 12.00	17.63		#		-	-
	C	T01-08	BH	08/23/2012	N001	9.00 - 12.00	15.61		#		-	-
	C	T01-09	BH	08/23/2012	N001	9.00 - 12.00	18.12		#		-	-
	C	T02-01	BH	08/22/2012	N001	6.30 - 9.30	22.30		#		-	-
	C	T02-02	BH	08/22/2012	N001	5.00 - 8.00	22.34		#		-	-
	C	T02-03	BH	08/22/2012	N001	6.50 - 9.50	24.11		#		-	-
	C	T02-04	BH	08/22/2012	N001	4.00 - 7.00	18.42		#		-	-
	C	T02-05	BH	08/22/2012	N001	6.40 - 9.40	20.45		#		-	-
	C	T02-06	BH	08/22/2012	N001	5.10 - 8.10	19.90		#		-	-
	C	T02-07	BH	08/23/2012	N001	7.10 - 10.10	17.58		#		-	-
	C	T02-08	BH	08/23/2012	N001	8.00 - 11.00	17.03		#		-	-
	C	T02-09	BH	08/23/2012	N001	9.00 - 12.00	15.00		#		-	-
	C	T02-10	BH	08/23/2012	N001	9.00 - 12.00	13.34		#		-	-
	C	T02-11	BH	08/23/2012	N001	9.00 - 12.00	15.07		#		-	-
	C	T02-12	BH	08/23/2012	N001	9.00 - 12.00	15.49		#		-	-
	C	T02-13	BH	08/23/2012	N001	9.00 - 12.00	17.56		#		-	-
	C	T02-14	BH	08/23/2012	N001	9.00 - 12.00	16.76		#		-	-
	C	T02-15	BH	08/23/2012	N001	9.00 - 12.00	18.49		#		-	-
	C	T03-01	BH	08/22/2012	N001	9.00 - 12.00	16.66		#		-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Temperature	C	T03-02	BH	08/22/2012	N001	9.00 - 12.00	14.90	#	-	-	-	-
	C	T03-08	BH	08/21/2012	N001	9.00 - 12.00	18.83	#	-	-	-	-
	C	T03-09	BH	08/22/2012	N001	9.00 - 12.00	16.70	#	-	-	-	-
	C	T03-10	BH	08/22/2012	N001	9.00 - 12.00	16.13	#	-	-	-	-
	C	T03-11	BH	08/22/2012	N001	9.00 - 12.00	18.72	#	-	-	-	-
	C	T03-12	BH	08/21/2012	N001	9.00 - 12.00	18.59	#	-	-	-	-
	C	T03-13	BH	08/21/2012	N001	9.00 - 12.00	18.89	#	-	-	-	-
	C	T03-14	BH	08/21/2012	N001	6.00 - 9.00	20.08	#	-	-	-	-
	C	T03-15	BH	08/21/2012	N001	6.00 - 9.00	19.26	#	-	-	-	-
	C	T03-16	BH	08/21/2012	N001	9.00 - 12.00	20.49	#	-	-	-	-
	C	T03-17	BH	08/21/2012	N001	9.00 - 12.00	19.55	#	-	-	-	-
	C	T03-18	BH	08/24/2012	N001	9.00 - 12.00	17.48	#	-	-	-	-
	C	T03-19	BH	08/24/2012	N001	9.00 - 12.00	16.43	#	-	-	-	-
	C	T03-20	BH	08/24/2012	N001	9.00 - 12.00	17.85	#	-	-	-	-
	C	T03-21	BH	08/24/2012	N001	9.00 - 12.00	13.25	#	-	-	-	-
	C	T04-03	BH	08/26/2012	N001	8.20 - 11.20	16.44	#	-	-	-	-
	C	T04-04	BH	08/26/2012	N001	9.00 - 12.00	16.80	#	-	-	-	-
	C	T04-05	BH	08/26/2012	N001	9.00 - 12.00	17.78	#	-	-	-	-
	C	T04-06	BH	08/26/2012	N001	9.00 - 12.00	18.45	#	-	-	-	-
	C	T04-07	BH	08/26/2012	N001	9.00 - 12.00	14.50	#	-	-	-	-
	C	T04-08	BH	08/27/2012	N001	9.00 - 12.00	13.44	#	-	-	-	-
	C	T04-09	BH	08/27/2012	N001	9.00 - 12.00	15.65	#	-	-	-	-
	C	T04-10	BH	08/27/2012	N001	9.00 - 12.00	17.29	#	-	-	-	-
	C	T04-11	BH	08/27/2012	N001	9.00 - 12.00	16.43	#	-	-	-	-
	C	T04-12	BH	08/24/2012	N001	9.00 - 12.00	16.92	#	-	-	-	-
	C	T04-15	BH	08/24/2012	N001	9.00 - 12.00	20.73	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Temperature	C	T04-16	BH	08/24/2012	N001	9.00 - 12.00	17.94	#	-	-	-	-
	C	T04-17	BH	08/24/2012	N001	9.00 - 12.00	15.62	#	-	-	-	-
	C	T05-01	BH	08/28/2012	N001	9.00 - 12.00	16.56	#	-	-	-	-
	C	T05-02	BH	08/29/2012	N001	6.40 - 9.40	13.59	#	-	-	-	-
	C	T05-03	BH	08/29/2012	N001	9.00 - 12.00	15.27	#	-	-	-	-
	C	T06-01	BH	08/26/2012	N001	9.00 - 12.00	12.03	#	-	-	-	-
	C	T06-02	BH	08/26/2012	N001	9.00 - 12.00	11.56	#	-	-	-	-
	C	T06-03	BH	08/26/2012	N001	9.00 - 12.00	14.90	#	-	-	-	-
	C	T06-04	BH	08/26/2012	N001	9.00 - 12.00	13.85	#	-	-	-	-
	C	T06-05	BH	08/26/2012	N001	9.00 - 12.00	14.71	#	-	-	-	-
	C	T06-06	BH	08/26/2012	N001	9.00 - 12.00	13.40	#	-	-	-	-
	C	T06-07	BH	08/26/2012	N001	7.30 - 10.30	14.01	#	-	-	-	-
	C	T06-08	BH	08/26/2012	N001	9.00 - 12.00	14.67	#	-	-	-	-
	C	T06-09	BH	08/26/2012	N001	9.00 - 12.00	14.84	#	-	-	-	-
	C	T06-10	BH	08/27/2012	N001	9.00 - 12.00	17.87	#	-	-	-	-
	C	T06-11	BH	08/27/2012	N001	9.00 - 12.00	15.23	#	-	-	-	-
	C	T06-12	BH	08/27/2012	N001	9.00 - 12.00	15.67	#	-	-	-	-
	C	T06-13	BH	08/27/2012	N001	8.50 - 11.50	14.51	#	-	-	-	-
	C	T06-14	BH	08/27/2012	N001	9.00 - 12.00	15.04	#	-	-	-	-
	C	T06-15	BH	08/27/2012	N001	9.00 - 12.00	15.00	#	-	-	-	-
	C	T06-16	BH	08/27/2012	N001	9.00 - 12.00	16.48	#	-	-	-	-
	C	T06-17	BH	08/27/2012	N001	9.00 - 12.00	15.58	#	-	-	-	-
	C	T06-21	BH	08/28/2012	N001	8.00 - 11.00	17.89	#	-	-	-	-
	C	T07-01	BH	08/25/2012	N001	9.00 - 12.00	12.60	#	-	-	-	-
	C	T07-02	BH	08/25/2012	N001	9.00 - 12.00	12.80	#	-	-	-	-
	C	T07-03	BH	08/25/2012	N001	9.00 - 12.00	15.09	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Temperature	C	T07-04	BH	08/25/2012	N001	7.50 - 10.50	15.41	#	-	-	-	-
	C	T07-05	BH	08/25/2012	N001	9.00 - 12.00	14.93	#	-	-	-	-
	C	T07-06	BH	08/28/2012	N001	9.00 - 12.00	20.71	#	-	-	-	-
	C	T07-07	BH	08/29/2012	N001	9.00 - 12.00	15.49	#	-	-	-	-
	C	T07-08	BH	08/28/2012	N001	9.00 - 12.00	14.58	#	-	-	-	-
	C	T07-09	BH	08/28/2012	N001	9.00 - 12.00	17.39	#	-	-	-	-
	C	T07-10	BH	08/28/2012	N001	9.00 - 12.00	15.36	#	-	-	-	-
	C	T08-01	BH	08/25/2012	N001	9.00 - 12.00	13.14	#	-	-	-	-
	C	T08-02	BH	08/25/2012	N001	9.00 - 12.00	13.90	#	-	-	-	-
	C	T08-03	BH	08/25/2012	N001	9.00 - 12.00	15.16	#	-	-	-	-
	C	T08-04	BH	08/25/2012	N001	9.00 - 12.00	14.55	#	-	-	-	-
	C	T08-05	BH	08/25/2012	N001	9.00 - 12.00	15.44	#	-	-	-	-
	C	T08-06	BH	08/25/2012	N001	9.00 - 12.00	13.87	#	-	-	-	-
	C	T08-07	BH	08/27/2012	N001	9.00 - 12.00	13.03	#	-	-	-	-
	C	T08-08	BH	08/28/2012	N001	9.00 - 12.00	13.67	#	-	-	-	-
	C	T08-09	BH	08/28/2012	N001	9.00 - 12.00	13.94	#	-	-	-	-
	C	T09-01	BH	08/25/2012	N001	9.00 - 12.00	12.52	#	-	-	-	-
	C	T09-02	BH	08/25/2012	N001	9.00 - 12.00	10.37	#	-	-	-	-
	C	T09-03	BH	08/25/2012	N001	9.00 - 12.00	12.59	#	-	-	-	-
	C	T09-04	BH	08/25/2012	N001	9.00 - 12.00	11.53	#	-	-	-	-
	C	T09-05	BH	08/25/2012	N001	9.00 - 12.00	12.18	#	-	-	-	-
	C	T09-06	BH	08/28/2012	N001	9.00 - 12.00	11.66	#	-	-	-	-
	C	T09-07	BH	08/28/2012	N001	9.00 - 12.00	12.83	#	-	-	-	-
	C	T09-08	BH	08/28/2012	N001	9.00 - 12.00	13.93	#	-	-	-	-
	C	T09-09	BH	08/28/2012	N001	9.00 - 12.00	12.82	#	-	-	-	-
	C	T09-10	BH	08/28/2012	N001	9.00 - 12.00	13.52	#	-	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Turbidity	NTU	T01-01	BH	08/24/2012	N001	7.50 - 10.50	108		#	-	-	-
	NTU	T01-02	BH	08/24/2012	N001	8.30 - 11.30	403		#	-	-	-
	NTU	T01-03	BH	08/24/2012	N001	7.50 - 10.50	178		#	-	-	-
	NTU	T01-04	BH	08/24/2012	N001	7.50 - 10.50	352		#	-	-	-
	NTU	T01-05	BH	08/23/2012	N001	8.80 - 11.80	1000	>	#	-	-	-
	NTU	T01-06	BH	08/23/2012	N001	9.00 - 12.00	103		#	-	-	-
	NTU	T01-07	BH	08/23/2012	N001	9.00 - 12.00	47.0		#	-	-	-
	NTU	T01-08	BH	08/23/2012	N001	9.00 - 12.00	75.3		#	-	-	-
	NTU	T01-09	BH	08/23/2012	N001	9.00 - 12.00	68.5		#	-	-	-
	NTU	T02-01	BH	08/22/2012	N001	6.30 - 9.30	1000	>	#	-	-	-
	NTU	T02-02	BH	08/22/2012	N001	5.00 - 8.00	474		#	-	-	-
	NTU	T02-03	BH	08/22/2012	N001	6.50 - 9.50	186		#	-	-	-
	NTU	T02-04	BH	08/22/2012	N001	4.00 - 7.00	266		#	-	-	-
	NTU	T02-05	BH	08/22/2012	N001	6.40 - 9.40	109		#	-	-	-
	NTU	T02-06	BH	08/22/2012	N001	5.10 - 8.10	141		#	-	-	-
	NTU	T02-07	BH	08/23/2012	N001	7.10 - 10.10	157		#	-	-	-
	NTU	T02-08	BH	08/23/2012	N001	8.00 - 11.00	155		#	-	-	-
	NTU	T02-09	BH	08/23/2012	N001	9.00 - 12.00	180		#	-	-	-
	NTU	T02-10	BH	08/23/2012	N001	9.00 - 12.00	357		#	-	-	-
	NTU	T02-11	BH	08/23/2012	N001	9.00 - 12.00	214		#	-	-	-
	NTU	T02-12	BH	08/23/2012	N001	9.00 - 12.00	668		#	-	-	-
	NTU	T02-13	BH	08/23/2012	N001	9.00 - 12.00	246		#	-	-	-
	NTU	T02-14	BH	08/23/2012	N001	9.00 - 12.00	346		#	-	-	-
	NTU	T02-15	BH	08/23/2012	N001	9.00 - 12.00	472		#	-	-	-
	NTU	T03-01	BH	08/22/2012	N001	9.00 - 12.00	320		#	-	-	-
	NTU	T03-02	BH	08/22/2012	N001	9.00 - 12.00	329		#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Turbidity	NTU	T03-08	BH	08/21/2012	N001	9.00 - 12.00	188		#	-	-	-
	NTU	T03-09	BH	08/22/2012	N001	9.00 - 12.00	103		#	-	-	-
	NTU	T03-10	BH	08/22/2012	N001	9.00 - 12.00	101		#	-	-	-
	NTU	T03-11	BH	08/22/2012	N001	9.00 - 12.00	887		#	-	-	-
	NTU	T03-12	BH	08/21/2012	N001	9.00 - 12.00	101		#	-	-	-
	NTU	T03-13	BH	08/21/2012	N001	9.00 - 12.00	336		#	-	-	-
	NTU	T03-14	BH	08/21/2012	N001	6.00 - 9.00	499		#	-	-	-
	NTU	T03-15	BH	08/21/2012	N001	6.00 - 9.00	690		#	-	-	-
	NTU	T03-16	BH	08/21/2012	N001	9.00 - 12.00	716		#	-	-	-
	NTU	T03-17	BH	08/21/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
	NTU	T03-18	BH	08/24/2012	N001	9.00 - 12.00	526		#	-	-	-
	NTU	T03-19	BH	08/24/2012	N001	9.00 - 12.00	463		#	-	-	-
	NTU	T03-20	BH	08/24/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
	NTU	T03-21	BH	08/24/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
Turbidity	NTU	T04-03	BH	08/26/2012	N001	8.20 - 11.20	186		#	-	-	-
	NTU	T04-04	BH	08/26/2012	N001	9.00 - 12.00	217		#	-	-	-
	NTU	T04-05	BH	08/26/2012	N001	9.00 - 12.00	217		#	-	-	-
	NTU	T04-06	BH	08/26/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
	NTU	T04-07	BH	08/26/2012	N001	9.00 - 12.00	468		#	-	-	-
	NTU	T04-08	BH	08/27/2012	N001	9.00 - 12.00	900		#	-	-	-
	NTU	T04-09	BH	08/27/2012	N001	9.00 - 12.00	457		#	-	-	-
	NTU	T04-10	BH	08/27/2012	N001	9.00 - 12.00	306		#	-	-	-
	NTU	T04-11	BH	08/27/2012	N001	9.00 - 12.00	278		#	-	-	-
	NTU	T04-12	BH	08/24/2012	N001	9.00 - 12.00	177		#	-	-	-
	NTU	T04-15	BH	08/24/2012	N001	9.00 - 12.00	262		#	-	-	-
	NTU	T04-16	BH	08/24/2012	N001	9.00 - 12.00	297		#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Turbidity	NTU	T04-17	BH	08/24/2012	N001	9.00 - 12.00	255		#	-	-	-
	NTU	T05-01	BH	08/28/2012	N001	9.00 - 12.00	76.9		#	-	-	-
	NTU	T05-02	BH	08/29/2012	N001	6.40 - 9.40	1000	>	#	-	-	-
	NTU	T05-03	BH	08/29/2012	N001	9.00 - 12.00	680		#	-	-	-
	NTU	T06-01	BH	08/26/2012	N001	9.00 - 12.00	86.2		#	-	-	-
	NTU	T06-02	BH	08/26/2012	N001	9.00 - 12.00	343		#	-	-	-
	NTU	T06-03	BH	08/26/2012	N001	9.00 - 12.00	260		#	-	-	-
	NTU	T06-04	BH	08/26/2012	N001	9.00 - 12.00	161		#	-	-	-
	NTU	T06-05	BH	08/26/2012	N001	9.00 - 12.00	334		#	-	-	-
	NTU	T06-06	BH	08/26/2012	N001	9.00 - 12.00	192		#	-	-	-
	NTU	T06-07	BH	08/26/2012	N001	7.30 - 10.30	478		#	-	-	-
	NTU	T06-08	BH	08/26/2012	N001	9.00 - 12.00	160		#	-	-	-
	NTU	T06-09	BH	08/26/2012	N001	9.00 - 12.00	158		#	-	-	-
	NTU	T06-10	BH	08/27/2012	N001	9.00 - 12.00	679		#	-	-	-
	NTU	T06-11	BH	08/27/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
	NTU	T06-12	BH	08/27/2012	N001	9.00 - 12.00	646		#	-	-	-
	NTU	T06-13	BH	08/27/2012	N001	8.50 - 11.50	1000	>	#	-	-	-
	NTU	T06-14	BH	08/27/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
	NTU	T06-15	BH	08/27/2012	N001	9.00 - 12.00	260		#	-	-	-
	NTU	T06-16	BH	08/27/2012	N001	9.00 - 12.00	141		#	-	-	-
	NTU	T06-17	BH	08/27/2012	N001	9.00 - 12.00	18.5		#	-	-	-
	NTU	T06-21	BH	08/28/2012	N001	8.00 - 11.00	1000	>	#	-	-	-
	NTU	T07-01	BH	08/25/2012	N001	9.00 - 12.00	102		#	-	-	-
	NTU	T07-02	BH	08/25/2012	N001	9.00 - 12.00	138		#	-	-	-
	NTU	T07-03	BH	08/25/2012	N001	9.00 - 12.00	334		#	-	-	-
	NTU	T07-04	BH	08/25/2012	N001	7.50 - 10.50	319		#	-	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Turbidity	NTU	T07-05	BH	08/25/2012	N001	9.00 - 12.00	917		#	-	-	-
	NTU	T07-06	BH	08/28/2012	N001	9.00 - 12.00	1000	>	#	-	-	-
	NTU	T07-07	BH	08/29/2012	N001	9.00 - 12.00	306		#	-	-	-
	NTU	T07-08	BH	08/28/2012	N001	9.00 - 12.00	573		#	-	-	-
	NTU	T07-09	BH	08/28/2012	N001	9.00 - 12.00	147		#	-	-	-
	NTU	T07-10	BH	08/28/2012	N001	9.00 - 12.00	720		#	-	-	-
	NTU	T08-01	BH	08/25/2012	N001	9.00 - 12.00	267		#	-	-	-
	NTU	T08-02	BH	08/25/2012	N001	9.00 - 12.00	236		#	-	-	-
	NTU	T08-03	BH	08/25/2012	N001	9.00 - 12.00	95.8		#	-	-	-
	NTU	T08-04	BH	08/25/2012	N001	9.00 - 12.00	220		#	-	-	-
	NTU	T08-05	BH	08/25/2012	N001	9.00 - 12.00	636		#	-	-	-
	NTU	T08-06	BH	08/25/2012	N001	9.00 - 12.00	56.8		#	-	-	-
	NTU	T08-07	BH	08/27/2012	N001	9.00 - 12.00	199		#	-	-	-
	NTU	T08-08	BH	08/28/2012	N001	9.00 - 12.00	264		#	-	-	-
	NTU	T08-09	BH	08/28/2012	N001	9.00 - 12.00	285		#	-	-	-
	NTU	T09-01	BH	08/25/2012	N001	9.00 - 12.00	435		#	-	-	-
	NTU	T09-02	BH	08/25/2012	N001	9.00 - 12.00	977		#	-	-	-
	NTU	T09-03	BH	08/25/2012	N001	9.00 - 12.00	947		#	-	-	-
	NTU	T09-04	BH	08/25/2012	N001	9.00 - 12.00	270		#	-	-	-
	NTU	T09-05	BH	08/25/2012	N001	9.00 - 12.00	790		#	-	-	-
	NTU	T09-06	BH	08/28/2012	N001	9.00 - 12.00	174		#	-	-	-
	NTU	T09-07	BH	08/28/2012	N001	9.00 - 12.00	393		#	-	-	-
	NTU	T09-08	BH	08/28/2012	N001	9.00 - 12.00	105		#	-	-	-
	NTU	T09-09	BH	08/28/2012	N001	9.00 - 12.00	316		#	-	-	-
	NTU	T09-10	BH	08/28/2012	N001	9.00 - 12.00	426		#	-	-	-
Uranium	mg/L	T01-01	BH	08/24/2012	0001	7.50 - 10.50	0.0069		#	2.9E-05	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	T01-02	BH	08/24/2012	0001	8.30 - 11.30	0.0053		#	2.9E-05	-	
	mg/L	T01-03	BH	08/24/2012	0001	7.50 - 10.50	0.0039		#	2.9E-05	-	
	mg/L	T01-04	BH	08/24/2012	0001	7.50 - 10.50	0.0062		#	2.9E-05	-	
	mg/L	T01-05	BH	08/23/2012	0001	8.80 - 11.80	0.0068		#	2.9E-05	-	
	mg/L	T01-06	BH	08/23/2012	0001	9.00 - 12.00	0.0068		#	2.9E-05	-	
	mg/L	T01-07	BH	08/23/2012	0001	9.00 - 12.00	0.006		#	2.9E-05	-	
	mg/L	T01-08	BH	08/23/2012	0001	9.00 - 12.00	0.0048		#	2.9E-05	-	
	mg/L	T01-09	BH	08/23/2012	0001	9.00 - 12.00	0.017		#	2.9E-05	-	
	mg/L	T02-01	BH	08/22/2012	0001	6.30 - 9.30	0.0055		#	2.9E-05	-	
	mg/L	T02-02	BH	08/22/2012	0001	5.00 - 8.00	0.0029		#	2.9E-05	-	
	mg/L	T02-03	BH	08/22/2012	0001	6.50 - 9.50	0.0025		#	2.9E-05	-	
	mg/L	T02-04	BH	08/22/2012	0001	4.00 - 7.00	0.00081		#	2.9E-05	-	
	mg/L	T02-05	BH	08/22/2012	0001	6.40 - 9.40	0.0011		#	2.9E-05	-	
	mg/L	T02-06	BH	08/22/2012	0001	5.10 - 8.10	0.0044		#	2.9E-05	-	
	mg/L	T02-07	BH	08/23/2012	0001	7.10 - 10.10	0.020		#	2.9E-05	-	
	mg/L	T02-08	BH	08/23/2012	0001	8.00 - 11.00	0.084		#	2.9E-05	-	
	mg/L	T02-09	BH	08/23/2012	0001	9.00 - 12.00	0.120		#	2.9E-05	-	
	mg/L	T02-10	BH	08/23/2012	0001	9.00 - 12.00	0.062		#	2.9E-05	-	
	mg/L	T02-11	BH	08/23/2012	0001	9.00 - 12.00	0.061		#	2.9E-05	-	
	mg/L	T02-12	BH	08/23/2012	0001	9.00 - 12.00	0.037		#	2.9E-05	-	
	mg/L	T02-13	BH	08/23/2012	0001	9.00 - 12.00	0.0049		#	2.9E-05	-	
	mg/L	T02-14	BH	08/23/2012	0001	9.00 - 12.00	0.0085		#	2.9E-05	-	
	mg/L	T02-15	BH	08/23/2012	0001	9.00 - 12.00	0.0079		#	2.9E-05	-	
	mg/L	T03-01	BH	08/22/2012	0001	9.00 - 12.00	0.0028		#	2.9E-05	-	
	mg/L	T03-02	BH	08/22/2012	0001	9.00 - 12.00	0.0074		#	2.9E-05	-	
	mg/L	T03-08	BH	08/21/2012	0001	9.00 - 12.00	1.100		#	0.00029	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	T03-09	BH	08/22/2012	0001	9.00 - 12.00	0.430	#	2.9E-05		-	
	mg/L	T03-10	BH	08/22/2012	0001	9.00 - 12.00	0.170	#	0.00015		-	
	mg/L	T03-11	BH	08/22/2012	0001	9.00 - 12.00	0.220	#	2.9E-05		-	
	mg/L	T03-12	BH	08/21/2012	0001	9.00 - 12.00	0.130	#	2.9E-05		-	
	mg/L	T03-13	BH	08/21/2012	0001	9.00 - 12.00	0.130	#	2.9E-05		-	
	mg/L	T03-14	BH	08/21/2012	0001	6.00 - 9.00	0.270	#	2.9E-05		-	
	mg/L	T03-15	BH	08/21/2012	0001	6.00 - 9.00	0.024	#	2.9E-05		-	
	mg/L	T03-15	BH	08/21/2012	0002	6.00 - 9.00	0.025	#	2.9E-05		-	
	mg/L	T03-16	BH	08/21/2012	0001	9.00 - 12.00	0.014	#	2.9E-05		-	
	mg/L	T03-17	BH	08/21/2012	0001	9.00 - 12.00	0.0051	#	2.9E-05		-	
	mg/L	T03-18	BH	08/24/2012	0001	9.00 - 12.00	0.0054	#	2.9E-05		-	
	mg/L	T03-19	BH	08/24/2012	0001	9.00 - 12.00	0.0057	#	2.9E-05		-	
	mg/L	T03-20	BH	08/24/2012	0001	9.00 - 12.00	0.0086	#	2.9E-05		-	
	mg/L	T03-21	BH	08/24/2012	0001	9.00 - 12.00	0.011	#	2.9E-05		-	
Tungsten	mg/L	T04-03	BH	08/26/2012	0001	8.20 - 11.20	0.0056	#	2.9E-05		-	
	mg/L	T04-04	BH	08/26/2012	0001	9.00 - 12.00	0.013	#	2.9E-05		-	
	mg/L	T04-05	BH	08/26/2012	0001	9.00 - 12.00	0.036	#	2.9E-05		-	
	mg/L	T04-06	BH	08/26/2012	0001	9.00 - 12.00	0.070	#	2.9E-05		-	
	mg/L	T04-07	BH	08/26/2012	0001	9.00 - 12.00	0.110	#	2.9E-05		-	
	mg/L	T04-07	BH	08/26/2012	0002	9.00 - 12.00	0.110	#	2.9E-05		-	
	mg/L	T04-08	BH	08/27/2012	0001	9.00 - 12.00	0.420	#	0.00015		-	
	mg/L	T04-09	BH	08/27/2012	0001	9.00 - 12.00	0.710	#	0.00029		-	
	mg/L	T04-10	BH	08/27/2012	0001	9.00 - 12.00	0.340	#	0.00015		-	
	mg/L	T04-11	BH	08/27/2012	0001	9.00 - 12.00	0.240	#	2.9E-05		-	
	mg/L	T04-12	BH	08/24/2012	0001	9.00 - 12.00	0.180	#	2.9E-05		-	
	mg/L	T04-15	BH	08/24/2012	0001	9.00 - 12.00	0.032	#	2.9E-05		-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	T04-16	BH	08/24/2012	0001	9.00 - 12.00	0.024	#	2.9E-05		-	
	mg/L	T04-16	BH	08/24/2012	0002	9.00 - 12.00	0.024	#	2.9E-05		-	
	mg/L	T04-17	BH	08/24/2012	0001	9.00 - 12.00	0.012	#	2.9E-05		-	
	mg/L	T05-01	BH	08/28/2012	0001	9.00 - 12.00	0.480	#	0.00029		-	
	mg/L	T05-02	BH	08/29/2012	0001	6.40 - 9.40	0.550	#	0.00029		-	
	mg/L	T05-03	BH	08/29/2012	0001	9.00 - 12.00	0.490	#	0.00029		-	
	mg/L	T05-03	BH	08/29/2012	0002	9.00 - 12.00	0.490	#	0.00015		-	
	mg/L	T06-01	BH	08/26/2012	0001	9.00 - 12.00	0.051	#	2.9E-05		-	
	mg/L	T06-02	BH	08/26/2012	0001	9.00 - 12.00	0.024	#	2.9E-05		-	
	mg/L	T06-03	BH	08/26/2012	0001	9.00 - 12.00	0.020	#	2.9E-05		-	
	mg/L	T06-04	BH	08/26/2012	0001	9.00 - 12.00	0.029	#	2.9E-05		-	
	mg/L	T06-05	BH	08/26/2012	0001	9.00 - 12.00	0.170	#	2.9E-05		-	
	mg/L	T06-06	BH	08/26/2012	0001	9.00 - 12.00	0.180	#	2.9E-05		-	
	mg/L	T06-07	BH	08/26/2012	0001	7.30 - 10.30	0.300	#	0.00029		-	
	mg/L	T06-08	BH	08/26/2012	0001	9.00 - 12.00	0.600	#	0.00029		-	
	mg/L	T06-09	BH	08/26/2012	0001	9.00 - 12.00	0.960	#	0.00029		-	
	mg/L	T06-10	BH	08/27/2012	0001	9.00 - 12.00	1.400	#	0.00029		-	
	mg/L	T06-11	BH	08/27/2012	0001	9.00 - 12.00	0.580	#	0.00029		-	
	mg/L	T06-12	BH	08/27/2012	0001	9.00 - 12.00	0.580	#	0.00029		-	
	mg/L	T06-13	BH	08/27/2012	0001	8.50 - 11.50	0.660	#	0.00029		-	
	mg/L	T06-14	BH	08/27/2012	0001	9.00 - 12.00	0.160	#	2.9E-05		-	
	mg/L	T06-15	BH	08/27/2012	0001	9.00 - 12.00	0.075	#	2.9E-05		-	
	mg/L	T06-16	BH	08/27/2012	0001	9.00 - 12.00	0.056	#	2.9E-05		-	
	mg/L	T06-17	BH	08/27/2012	0001	9.00 - 12.00	0.055	#	2.9E-05		-	
	mg/L	T06-21	BH	08/28/2012	0001	8.00 - 11.00	0.0096	#	2.9E-05		-	
	mg/L	T07-01	BH	08/25/2012	0001	9.00 - 12.00	0.310	#	0.00015		-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	T07-02	BH	08/25/2012	0001	9.00 - 12.00	0.670		#	0.00029	-	
	mg/L	T07-03	BH	08/25/2012	0001	9.00 - 12.00	1.400		#	0.00029	-	
	mg/L	T07-04	BH	08/25/2012	0001	7.50 - 10.50	1.500		#	0.00029	-	
	mg/L	T07-05	BH	08/25/2012	0001	9.00 - 12.00	1.100		#	0.00029	-	
	mg/L	T07-06	BH	08/28/2012	0001	9.00 - 12.00	0.890		#	0.00029	-	
	mg/L	T07-06	BH	08/28/2012	0002	9.00 - 12.00	0.890		#	0.00029	-	
	mg/L	T07-07	BH	08/29/2012	0001	9.00 - 12.00	0.760		#	0.00029	-	
	mg/L	T07-08	BH	08/28/2012	0001	9.00 - 12.00	0.460		#	0.00029	-	
	mg/L	T07-09	BH	08/28/2012	0001	9.00 - 12.00	0.120		#	2.9E-05	-	
	mg/L	T07-10	BH	08/28/2012	0001	9.00 - 12.00	0.059		#	2.9E-05	-	
	mg/L	T08-01	BH	08/25/2012	0001	9.00 - 12.00	0.550		#	0.00029	-	
	mg/L	T08-02	BH	08/25/2012	0001	9.00 - 12.00	1.300		#	0.00029	-	
	mg/L	T08-02	BH	08/25/2012	0002	9.00 - 12.00	1.400		#	0.00015	-	
	mg/L	T08-03	BH	08/25/2012	0001	9.00 - 12.00	2.100		#	0.00058	-	
	mg/L	T08-04	BH	08/25/2012	0001	9.00 - 12.00	1.200		#	0.00029	-	
	mg/L	T08-05	BH	08/25/2012	0001	9.00 - 12.00	1.100		#	0.00029	-	
	mg/L	T08-06	BH	08/25/2012	0001	9.00 - 12.00	1.000		#	0.00029	-	
	mg/L	T08-07	BH	08/27/2012	0001	9.00 - 12.00	0.950		#	0.00029	-	
	mg/L	T08-08	BH	08/28/2012	0001	9.00 - 12.00	0.066		#	2.9E-05	-	
	mg/L	T08-09	BH	08/28/2012	0001	9.00 - 12.00	0.027		#	2.9E-05	-	
	mg/L	T09-01	BH	08/25/2012	0001	9.00 - 12.00	0.0057		#	2.9E-05	-	
	mg/L	T09-02	BH	08/25/2012	0001	9.00 - 12.00	0.0084		#	2.9E-05	-	
	mg/L	T09-03	BH	08/25/2012	0001	9.00 - 12.00	0.018		#	2.9E-05	-	
	mg/L	T09-04	BH	08/25/2012	0001	9.00 - 12.00	0.027		#	2.9E-05	-	
	mg/L	T09-05	BH	08/25/2012	0001	9.00 - 12.00	0.058		#	2.9E-05	-	
	mg/L	T09-06	BH	08/28/2012	0001	9.00 - 12.00	0.085		#	2.9E-05	-	

GROUNDWATER QUALITY DATA BY PARAMETER WITH DEPTH (USEE200) FOR SITE RVT01, Riverton Processing Site
 REPORT DATE: 1/2/2013 11:22 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
				DATE	ID			LAB	DATA	QA	
Uranium	mg/L	T09-07	BH	08/28/2012	0001	9.00 - 12.00	0.073		#	2.9E-05	-
	mg/L	T09-08	BH	08/28/2012	0001	9.00 - 12.00	0.018		#	2.9E-05	-
	mg/L	T09-09	BH	08/28/2012	0001	9.00 - 12.00	0.011		#	2.9E-05	-
	mg/L	T09-10	BH	08/28/2012	0001	9.00 - 12.00	0.024		#	2.9E-05	-

RECORDS: SELECTED FROM USEE200 WHERE site_code='RVT01' AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND DATE_SAMPLED between #8/1/2012# and #8/30/2012#

SAMPLE ID CODES: 000X = Filtered sample. N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: BH BOREHOLE

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 Aroclor 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. |

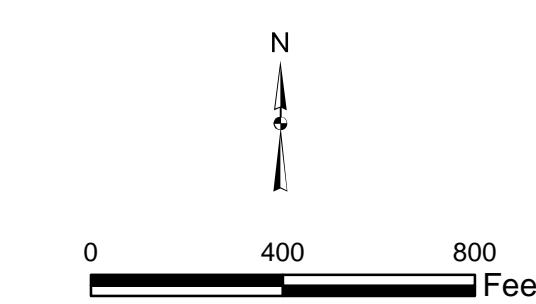
QA QUALIFIER: # = validated according to Quality Assurance guidelines.



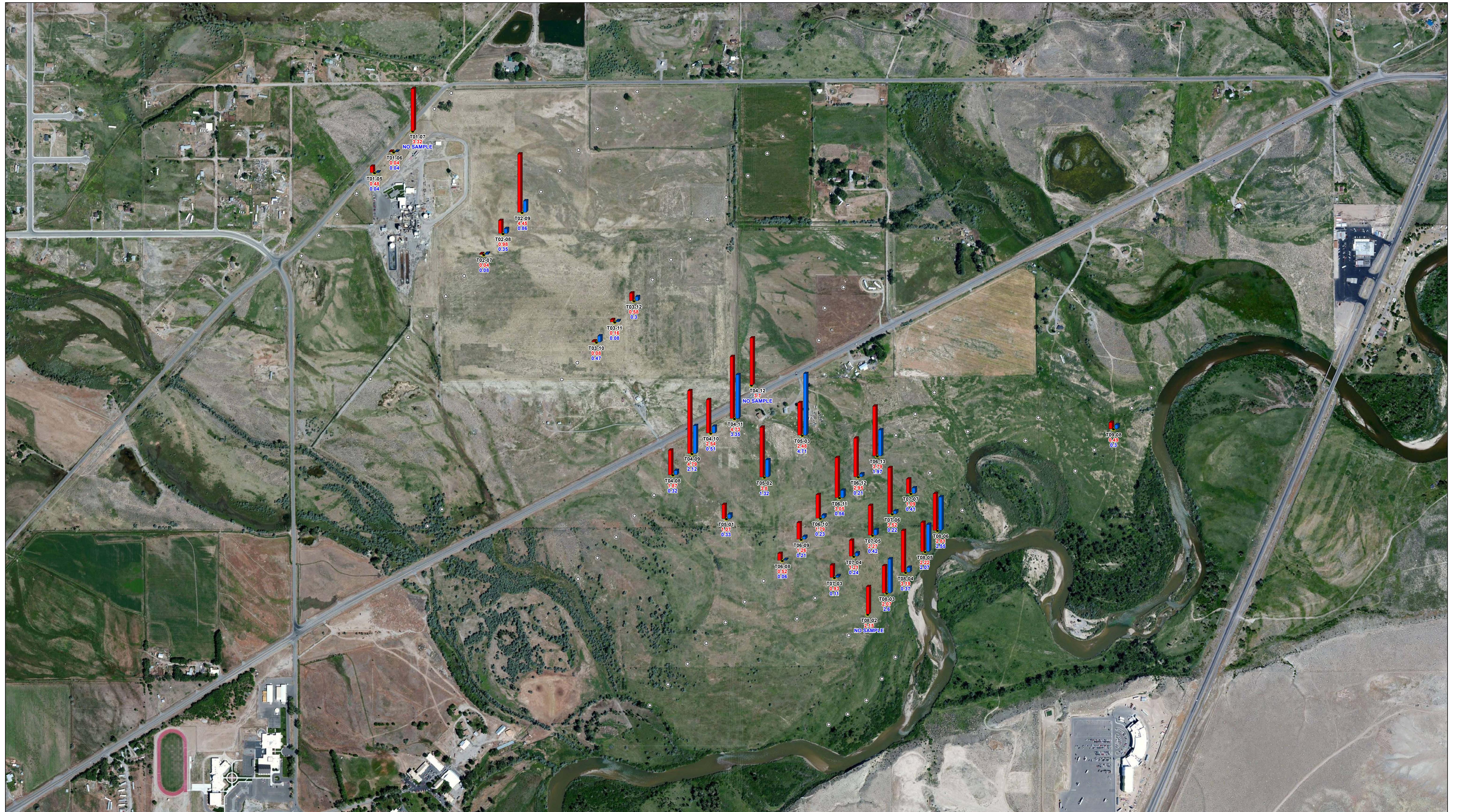
T01-01 Geoprobe Location - August 2012

Proposed Geoprobe Location
T01-01 Groundwater Sample Location
T01-06 Groundwater and Soil Sample Location

TH-230 Supplemental Standards Area



U.S. DEPARTMENT OF ENERGY		Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AM01-07LM00060
Plate 1: Geoprobe Locations August 2012 Riverton, WY, Processing Site		
DATE PREPARED January 23, 2013		FILENAME: S0956200



T08-05 - Geoprobe Location
 2.22 - Soil Uranium Concentration in $\mu\text{g}/\text{g}$ (0 - 2.5 Foot Depth)
 2.07 - Soil Uranium Concentration in $\mu\text{g}/\text{g}$ (2.5 - 5 Foot Depth)
 ● August 2012 Geoprobe Location - Soil Sampled
 ○ August 2012 Geoprobe Location - Soil Not Sampled

N
0 400 800 Feet

U.S. DEPARTMENT OF ENERGY
 GRAND JUNCTION, COLORADO
 Work Performed by
 S.M. Stoller Corporation
 Under DOE Contract
 No. DE-AM01-07LM00060
 Plate 2: Geoprobe Locations
 Uranium in Soil Concentrations (in $\mu\text{g}/\text{g}$)
 August 2012 Results
 Riverton, WY, Processing Site
 DATE PREPARED: January 23, 2013
 FILENAME: S0956000

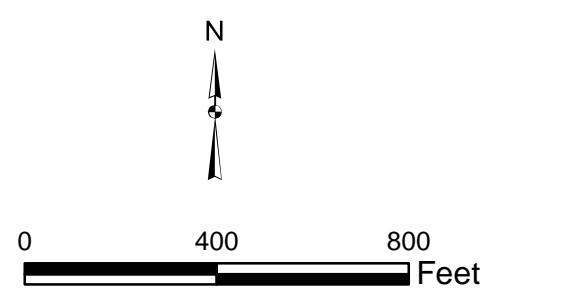


T03-02
 0.0047
 Geoprobe Location
 and Molybdenum Result (mg/L)

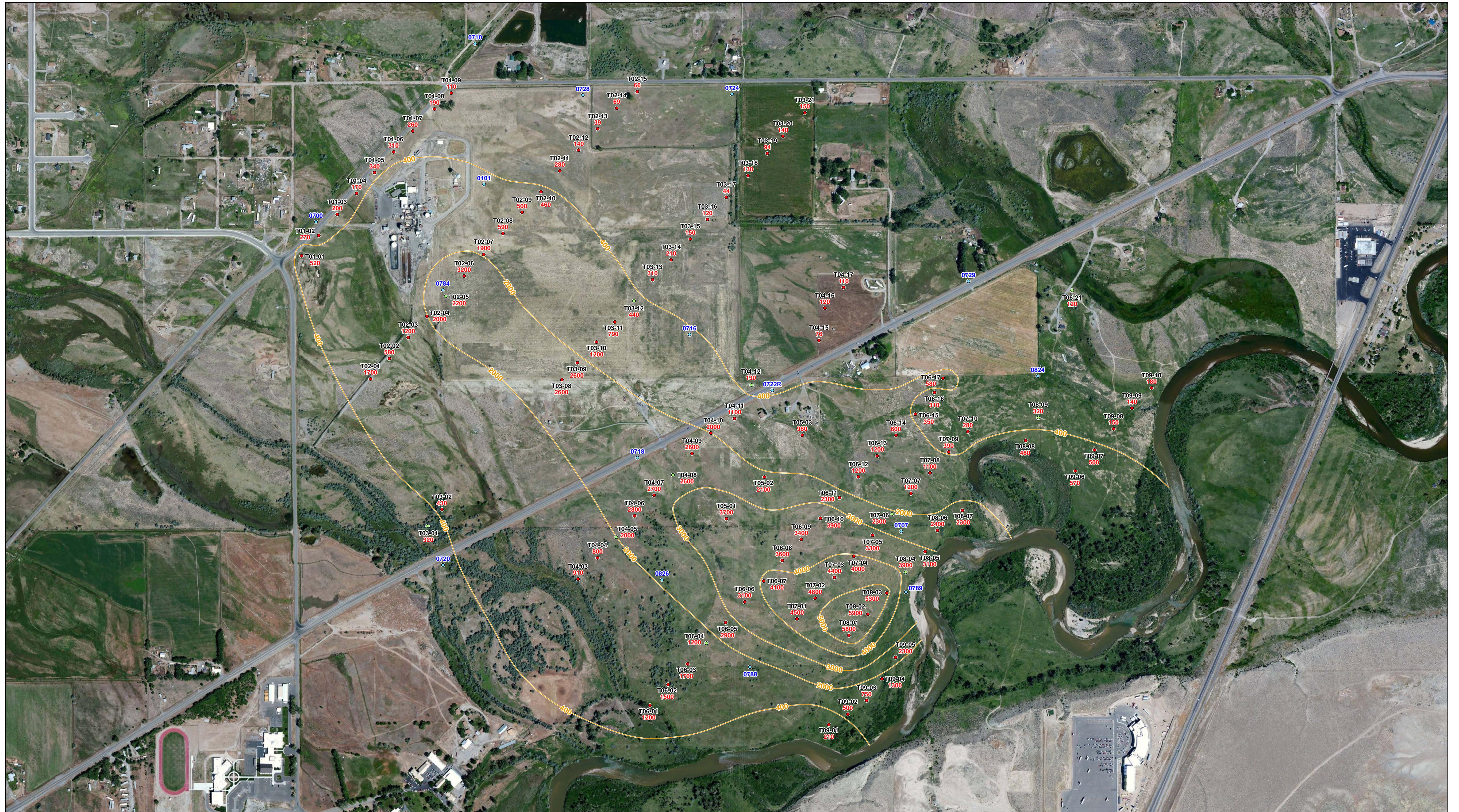
T03-01
 0.0058
 Geoprobe Location
 and Molybdenum Result (mg/L)
 (Surficial Aquifer Monitoring Well Comparison Location)

0826
 0
 Surficial Aquifer Monitoring Well

0.1 — August 2012 Molybdenum Contour (mg/L)



U.S. DEPARTMENT OF ENERGY
 GRAND JUNCTION, COLORADO
 Work Performed by
 S.M. Stoller Corporation
 Under DOE Contract
 No. DE-AM01-07LM00060
 Plate 3: Geoprobe Locations
 Molybdenum Concentrations
 August 2012 Results
 Riverton, WY, Processing Site
 DATE PREPARED: January 23, 2013
 FILENAME: S0954700

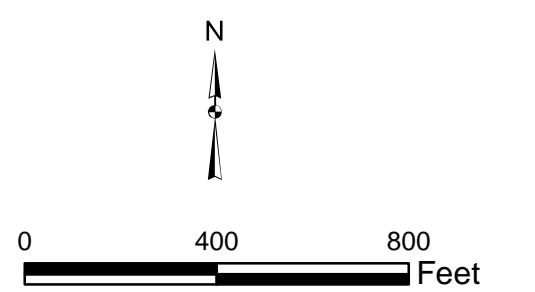


T04-06
2800
Geoprobe Location
and Sulfate Result (mg/L)

T04-05
2000
Geoprobe Location
and Sulfate Result (mg/L)
(Surficial Aquifer Monitoring Well Comparison Location)

0826
Geoprobe Location
and Sulfate Result (mg/L)

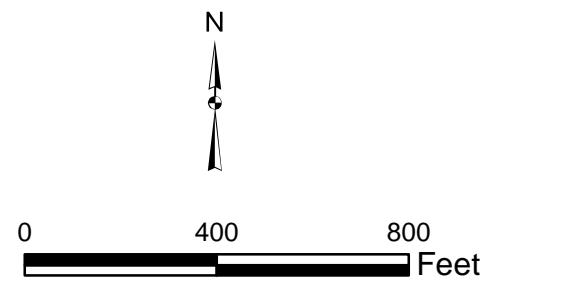
— 400 — August 2012 Sulfate Contour (mg/L)



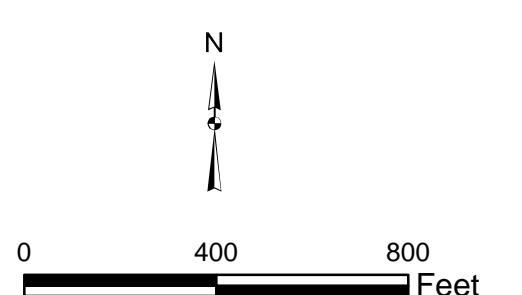
U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO
Work Performed by
S.M. Stoller Corporation
Under DOE Contract
No. DE-AM01-07LM00060
Plate 4: Geoprobe Locations
Sulfate Concentrations
August 2012 Results
Riverton, WY, Processing Site
DATE PREPARED: January 23, 2013
FILENAME: S0954800



T04-07
0.11
Geoprobe Location
and Uranium Result (mg/L)
T04-06
0.07
Geoprobe Location
and Uranium Result (mg/L)
(Surficial Aquifer Monitoring Well Comparison Location)
0826
0826
Surficial Aquifer Monitoring Well
—0.044— August 2012 Uranium Contour (mg/L)



U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO
Work Performed by
S.M. Stoller Corporation
Under DOE Contract
No. DE-AM01-07LM00060
Plate 5: Geoprobe Locations
Uranium Concentrations
August 2012 Results
Riverton, WY, Processing Site
DATE PREPARED: January 23, 2013
FILENAME: S0954900



U.S. DEPARTMENT OF ENERGY		Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AM01-07LM00060
Plate 6: Geoprobe Locations Manganese Concentrations August 2012 Results Riverton, WY, Processing Site		
DATE PREPARED	January 25, 2013	FILENAME: S0954600