



Monday, March 1, 2011

Phil Cavendor
AUC, LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

RE: Reno Creek Project

Order No.: S1011193

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples PZM18 on November 10, 2010.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Lacey Ketron
Project Manager

xc: File
Encl.



Date: 3/1/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1011193

CASE NARRATIVE
Report ID: S1011193002
(Replaces S1011193001)

Sample PZM18 was received on November 10, 2010.

All samples were received and analyzed within the EPA recommended holding times, except those noted in this case narrative. Samples were analyzed using the methods outlined in the following references:

U.S.E.P.A. 600 "Methods for Chemical Analysis of Water and Wastes", 1993
"Standard Methods For The Examination of Water and Wastewater", 20th ed., 1998
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition
Methods indicated with the Monday, March 12, 2007 Federal Register, 40 CFR Part 122, 136 et al.

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

For the purposes of this report, the Reporting Limit (RL) is the Practical Quantitation Limit (PQL).

Radon 222 was analyzed through ALS Laboratory Group Certification #: CO00078.

Qualifiers by sample

S1011193-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Qualifiers by sample

LCS-R65564 - General Parameters/Radon-222 - Analyzed by a contract laboratory

MB-R65564 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Project: Reno Creek Project
Lab ID: S1011193-001
Client Sample ID: PZM18
COC: 006

Work Order: S1011193
Collection Date: 11/9/2010 1:00:00 PM
Date Received: 11/10/2010 3:15:00 PM
Sampler: JS
Matrix: Water

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
----------	--------	----	------	-------	--------------------	--------

Field						
pH Reading 1	10.59			s.u.	11/09/2010 1300	Field
pH Reading 2	10.60			s.u.	11/09/2010 1300	Field
pH Reading 3	10.61			s.u.	11/09/2010 1300	Field
Conductivity Reading 1	1256			µmhos/cm	11/09/2010 1300	Field
Conductivity Reading 2	1255			µmhos/cm	11/09/2010 1300	Field
Conductivity Reading 3	1253			µmhos/cm	11/09/2010 1300	Field
Turbidity Reading 1	11.5			NTU	11/09/2010 1300	Field
Turbidity Reading 2	11.2			NTU	11/09/2010 1300	Field
Turbidity Reading 3	10.5			NTU	11/09/2010 1300	Field
Dissolved Oxygen Reading 1	1.51			mg/l	11/09/2010 1300	Field
Dissolved Oxygen Reading 2	1.42			mg/l	11/09/2010 1300	Field
Dissolved Oxygen Reading 3	1.36			mg/l	11/09/2010 1300	Field
Temperature Reading 1	5.09			°C	11/09/2010 1300	Field
Temperature Reading 2	5.04			°C	11/09/2010 1300	Field
Temperature Reading 3	5.02			°C	11/09/2010 1300	Field
Oxygen Reduction Potential Reading 1	-166.2			mV	11/09/2010 1300	Field
Oxygen Reduction Potential Reading 2	-170.5			mV	11/09/2010 1300	Field
Oxygen Reduction Potential Reading 3	-170.5			mV	11/09/2010 1300	Field
Purge Rate Reading 1	150			ml/min	11/09/2010 1300	Field
Purge Rate Reading 2	150			ml/min	11/09/2010 1300	Field
Purge Rate Reading 3	150			ml/min	11/09/2010 1300	Field
Water Level Reading 1	162.59			Ft	11/09/2010 1300	Field
Water Level Reading 2	162.63			Ft	11/09/2010 1300	Field
Water Level Reading 3	162.64			Ft	11/09/2010 1300	Field

General Parameters						
pH	10.6	0.1		s.u.	11/11/2010 1403 KO	SM 4500 H B
Electrical Conductivity	1160	5		µmhos/cm	11/11/2010 1403 KO	SM 2510B
Total Dissolved Solids (180)	860	10		mg/L	11/11/2010 1420 JF	SM 2540
Solids, Total Dissolved (Calc)	820	10		mg/L	11/30/2010 1646 LJK	SM 1030E
Alkalinity, Total (As CaCO3)	79	5		mg/L	11/16/2010 1433 KO	SM 2320B
Nitrogen, Ammonia (As N)	0.8	0.1		mg/L	11/17/2010 1101 AS	EPA 350.1
Radon-222	3960 ± 460	50	L	pCi/L	11/10/2010 000 LJK	SM7500-RN
Silica as SiO2	8	1		mg/L	11/11/2010 1520 DG	EPA 200.7

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - C Calculated Value
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL
- O Outside the Range of Dilutions

Reviewed by: 
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Project: Reno Creek Project
Lab ID: S1011193-001
Client Sample ID: PZM18
COC: 006

Work Order: S1011193
Collection Date: 11/9/2010 1:00:00 PM
Date Received: 11/10/2010 3:15:00 PM
Sampler: JS
Matrix: Water

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	78	5		mg/L	11/16/2010 1433 KO	SM 2320B
Alkalinity, Carbonate as CO3	9	5		mg/L	11/16/2010 1433 KO	SM 2320B
Chloride	3	1		mg/L	11/11/2010 1530 KO	EPA 300.0
Fluoride	0.1	0.1		mg/L	11/12/2010 1604 KO	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.1		mg/L	11/18/2010 1017 AS	EPA 353.2
Sulfate	502	1		mg/L	11/11/2010 1530 KO	EPA 300.0
Cations						
Calcium	73	1		mg/L	11/11/2010 1520 MS	EPA 200.7
Magnesium	7	1		mg/L	11/11/2010 1520 MS	EPA 200.7
Potassium	14	1		mg/L	11/11/2010 1520 MS	EPA 200.7
Sodium	171	1		mg/L	11/11/2010 1520 MS	EPA 200.7
Cation / Anion Balance						
Cation Sum	12.02	0		meq/L	11/30/2010 1646 LJK	SM 1030E
Anion Sum	12.11	0		meq/L	11/30/2010 1646 LJK	SM 1030E
Cation-Anion Balance	0.39	0		%	11/30/2010 1646 LJK	SM 1030E
Radiochemistry						
Gross Alpha	54.8 ± 3.8	2		pCi/L	11/14/2010 2244 SH	SM 7110B
Gross Beta	32.8 ± 2.6	3		pCi/L	11/14/2010 2244 SH	SM 7110B
Lead 210 (Dissolved)	2.7 ± 0.8	1		pCi/L	12/09/2010 1435 SH	OTW01
Lead 210 (Suspended)	10.5 ± 3.7	1		pCi/L	12/09/2010 1712 SH	OTW01
Polonium 210 (Dissolved)	<1	1		pCi/L	12/10/2010 1206 SH	OTW01
Polonium 210 (Suspended)	<1	1		pCi/L	12/14/2010 1607 SH	OTW01
Radium 226 (Dissolved)	21.7 ± 0.6	0.2		pCi/L	11/23/2010 1252 SH	SM 7500-Ra B
Radium 226 (Suspended)	0.7 ± 0.3	0.2		pCi/L	12/01/2010 915 SH	SM 7500-Ra B
Radium 228 (Dissolved)	<1	1		pCi/L	11/28/2010 1939 SH	Ra-05
Thorium 230 (Dissolved)	<0.2	0.2		pCi/L	12/01/2010 942 WL	ACW10
Thorium 230 (Suspended)	<0.2	0.2		pCi/L	12/22/2010 826 WL	ACW10
Uranium Suspended	0.0023	0.0003		mg/L	11/22/2010 1528 MS	EPA 200.8

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - C Calculated Value
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL
- O Outside the Range of Dilutions

Reviewed by: 
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Project: Reno Creek Project
Lab ID: S1011193-001
Client Sample ID: PZM18
COC: 006

Work Order: S1011193
Collection Date: 11/9/2010 1:00:00 PM
Date Received: 11/10/2010 3:15:00 PM
Sampler: JS
Matrix: Water

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Aluminum	ND	0.1		mg/L	11/11/2010 1520 DG	EPA 200.7
Arsenic	ND	0.001		mg/L	11/10/2010 1930 MS	EPA 200.8
Barium	ND	0.1		mg/L	11/10/2010 1930 MS	EPA 200.8
Boron	ND	0.1		mg/L	11/11/2010 1520 DG	EPA 200.7
Cadmium	ND	0.001		mg/L	11/10/2010 1930 MS	EPA 200.8
Chromium	ND	0.01		mg/L	11/11/2010 1520 DG	EPA 200.7
Copper	ND	0.01		mg/L	11/10/2010 1930 MS	EPA 200.8
Iron	ND	0.05		mg/L	11/11/2010 1520 DG	EPA 200.7
Lead	ND	0.01		mg/L	11/10/2010 1930 MS	EPA 200.8
Manganese	ND	0.01		mg/L	11/11/2010 1520 DG	EPA 200.7
Mercury	ND	0.001		mg/L	11/12/2010 938 BK	EPA 245.1
Molybdenum	ND	0.01		mg/L	11/10/2010 1930 MS	EPA 200.8
Nickel	ND	0.05		mg/L	11/11/2010 1520 DG	EPA 200.7
Selenium	ND	0.005		mg/L	11/10/2010 1930 MS	EPA 200.8
Uranium	0.0074	0.0003		mg/L	11/10/2010 1930 MS	EPA 200.8
Vanadium	ND	0.1		mg/L	11/10/2010 1930 MS	EPA 200.8
Zinc	ND	0.01		mg/L	11/11/2010 1520 DG	EPA 200.7
Total Metals						
Iron	0.16	0.05		mg/L	11/15/2010 1156 DG	EPA 200.7
Manganese	ND	0.01		mg/L	11/15/2010 1156 DG	EPA 200.7

These results apply only to the samples tested.

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - C Calculated Value
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - S Spike Recovery outside accepted recovery limits

RL - Reporting Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL
- O Outside the Range of Dilutions

Reviewed by: 
Lacey Ketron, Water Lab Supervisor



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **Alkalinity**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/12/10 15:28 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/15/10 10:19 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/16/10 12:19 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/16/10 16:54 Alkalinity, Total (As CaCO3) ND 5

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC 11/12/10 15:19 Alkalinity, Total (As CaCO3) 478 5 473 101 96.6 - 103

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC 11/15/10 10:09 Alkalinity, Total (As CaCO3) 474 5 473 100 96.6 - 103

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC 11/16/10 12:09 Alkalinity, Total (As CaCO3) 478 5 473 101 96.6 - 103

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC 11/16/10 16:46 Alkalinity, Total (As CaCO3) 479 5 473 101 96.6 - 103

Test: **Conductivity**

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/11/10 13:25 Electrical Conductivity ND 5

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/11/10 22:12 Electrical Conductivity ND 5

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/12/10 15:28 Electrical Conductivity ND 5

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 11/15/10 10:19 Electrical Conductivity ND 5

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **Conductivity**

Sample Type **MBLK** Units: μ mhos/cm

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/16/10 12:19	Electrical Conductivity	ND	5					
Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/16/10 16:54	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: μ mhos/cm

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/11/10 13:16	Electrical Conductivity	1010	5	1000		100	95.2 - 105	
Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/11/10 22:03	Electrical Conductivity	986	5	1000		98.5	95.2 - 105	
Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/12/10 15:19	Electrical Conductivity	986	5	1000		98.6	95.2 - 105	
Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/15/10 10:09	Electrical Conductivity	1050	5	1000		105	95.2 - 105	
Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/16/10 12:09	Electrical Conductivity	1020	5	1000		102	95.2 - 105	
Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/16/10 16:46	Electrical Conductivity	991	5	1000		99.1	95.2 - 105	

Test: **Dissolved Mercury by EPA 245.1 - Water**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64888	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	11/12/10 8:27	Mercury	ND	0.001					

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64888	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	11/12/10 8:25	Mercury	0.002	0.001	0.002		98.5	85 - 115	

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **Dissolved Metals by ICP - EPA 200.7 - Water**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64918	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/11/10 13:58	Aluminum	ND	0.1					
		Boron	ND	0.03					
		Chromium	ND	0.01					
		Iron	ND	0.05					
		Manganese	ND	0.02					
		Nickel	ND	0.01					
		Zinc	ND	0.01					

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64918	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	11/11/10 14:00	Aluminum	1.0	0.1	1		104	85 - 115	
		Boron	1.03	0.03	1		102	85 - 115	
		Chromium	1.04	0.01	1		104	85 - 115	
		Iron	1.02	0.05	1		102	85 - 115	
		Manganese	1.03	0.02	1		103	85 - 115	
		Nickel	1.03	0.01	1		103	85 - 115	
		Zinc	1.04	0.01	1		104	85 - 115	

Test: **Dissolved Metals by ICPMS EPA 200.8 - Water**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64830	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Init Cal Blank	11/10/10 17:31	Arsenic	ND	0.005					
		Barium	ND	0.5					
		Cadmium	ND	0.002					
		Copper	ND	0.01					
		Lead	ND	0.02					
		Molybdenum	ND	0.02					
		Selenium	ND	0.005					
		Uranium	ND	0.001					
Vanadium	ND	0.02							

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **Dissolved Metals by ICPMS EPA 200.8 - Water**

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64830	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
lcs	11/10/10 17:39	Arsenic	0.096	0.005	0.1		95.8	85 - 115	
		Barium	ND	0.5	0.1		98.4	85 - 115	
		Cadmium	0.098	0.002	0.1		98.0	85 - 115	
		Copper	0.10	0.01	0.1		95.6	85 - 115	
		Lead	0.10	0.02	0.1		95.5	85 - 115	
		Molybdenum	0.10	0.02	0.1		97.7	85 - 115	
		Selenium	0.096	0.005	0.1		95.5	85 - 115	
		Uranium	0.098	0.001	0.1		98.3	85 - 115	
		Vanadium	0.10	0.02	0.1		96.0	85 - 115	

Sample ID	RunNo: 64830	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
lcs	11/10/10 19:59	Arsenic	0.095	0.005	0.1		94.5	85 - 115	
		Barium	ND	0.5	0.1		92.8	85 - 115	
		Cadmium	0.097	0.002	0.1		96.7	85 - 115	
		Copper	0.10	0.01	0.1		95.9	85 - 115	
		Lead	0.10	0.02	0.1		95.2	85 - 115	
		Molybdenum	0.10	0.02	0.1		101	85 - 115	
		Selenium	0.092	0.005	0.1		91.9	85 - 115	
		Uranium	0.098	0.001	0.1		98.1	85 - 115	
		Vanadium	0.10	0.02	0.1		96.4	85 - 115	

Test: **Fluoride by SM 4500**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/12/10 15:28	Fluoride	ND	0.1					

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/15/10 10:19	Fluoride	ND	0.1					

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/12/10 15:19	Fluoride	2.6	0.1	2.82		91.2	86.1 - 114	

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/15/10 10:09	Fluoride	3.1	0.1	2.82		111	86.1 - 114	

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
 (Replaces S1011193001)

Test: **Gross Alpha, Beta by SM 7110B**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 64979	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB10-316	11/14/10 22:44	Gross Alpha	ND	2					
		Gross Beta	ND	3					

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 64979	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS10-316ALPHA	11/14/10 22:44	Gross Alpha	64	2	69		93.3	72.6 - 137	
LCS10-316BETA	11/14/10 22:44	Gross Beta	118	3	130		91.3	72.6 - 137	

Test: **Anions by ION Chromatography**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64873	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	11/11/10 0:00	Chloride	ND	1					
		Sulfate	ND	1					

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64873	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	11/11/10 11:24	Sulfate	137	1	150		91.1	90 - 110	
DIONEX	11/11/10 11:35	Chloride	28	1	30		92.4	90 - 110	

Test: **Cations by ICP (Method 200.7)**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 64893	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/11/10 13:58	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

Sample ID	RunNo: 65191	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/19/10 13:25	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	L Analyzed by a contract laboratory	M Value exceeds Monthly Ave or MCL
	ND Not Detected at the Reporting Limit	O Outside the Range of Dilutions
	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
 (Replaces S1011193001)

Test: **Cations by ICP (Method 200.7)**Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64893	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV 3	11/11/10 14:03	Calcium	40	1	40		99.6	85 - 115	
		Magnesium	41	1	40		103	85 - 115	
		Potassium	40	1	40		101	85 - 115	
		Sodium	42	1	40		104	85 - 115	

Sample ID	RunNo: 65191	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV 3	11/19/10 13:30	Calcium	42	1	40		105	85 - 115	
		Magnesium	41	1	40		103	85 - 115	
		Potassium	40	1	40		100	85 - 115	
		Sodium	42	1	40		105	85 - 115	

Test: **Nitrogen, Ammonia (as N)**Sample Type **mbk** Units: mg/L

Sample ID	RunNo: 65076	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Blank	11/17/10 9:59	Nitrogen, Ammonia (As N)	ND	0.1					

Sample Type **ics** Units: mg/L

Sample ID	RunNo: 65076	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	11/17/10 10:01	Nitrogen, Ammonia (As N)	17.0	0.1	16		106	90 - 110	

Test: **Nitrogen, Nitrate-Nitrite (as N)**Sample Type **mbk** Units: mg/L

Sample ID	RunNo: 65136	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
blk	11/18/10 9:46	Nitrogen, Nitrate-Nitrite (as N)	ND	0.05					

Sample Type **ics** Units: mg/L

Sample ID	RunNo: 65136	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	11/18/10 9:48	Nitrogen, Nitrate-Nitrite (as N)	28.6	0.05	28.7		99.8	90 - 110	

Test: **Lead 210 and Polonium 210**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 65883	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB10-335	12/10/10 12:06	Polonium 210 (Dissolved)	ND	1					

Sample ID	RunNo: 65883	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB10-335B	12/10/10 12:06	Polonium 210 (Dissolved)	ND	1					

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	L Analyzed by a contract laboratory	M Value exceeds Monthly Ave or MCL
	ND Not Detected at the Reporting Limit	O Outside the Range of Dilutions
	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
 (Replaces S1011193001)

Test: **Lead 210 and Polonium 210**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 65885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB10-335	12/09/10 14:35	Lead 210 (Dissolved)	ND	1					
----------	----------------	----------------------	----	---	--	--	--	--	--

Sample ID	RunNo: 65885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB10-335B	12/09/10 14:35	Lead 210 (Dissolved)	ND	1					
-----------	----------------	----------------------	----	---	--	--	--	--	--

Sample ID	RunNo: 65901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB-R65901	12/09/10 17:12	Lead 210 (Suspended)	ND	1					
-----------	----------------	----------------------	----	---	--	--	--	--	--

Sample ID	RunNo: 65901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB-R65901	12/09/10 17:12	Lead 210 (Suspended)	ND	1					
-----------	----------------	----------------------	----	---	--	--	--	--	--

Sample ID	RunNo: 65908	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB-R65908	12/14/10 16:07	Polonium 210 (Suspended)	ND	1					
-----------	----------------	--------------------------	----	---	--	--	--	--	--

Sample ID	RunNo: 65908	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB-R65908	12/14/10 16:07	Polonium 210 (Suspended)	ND	1					
-----------	----------------	--------------------------	----	---	--	--	--	--	--

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 65883	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS10-335 Po	12/10/10 12:06	Polonium 210 (Dissolved)	16	1	15.1		106	50 - 150	
--------------	----------------	--------------------------	----	---	------	--	-----	----------	--

Sample ID	RunNo: 65885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS10-335 Pb	12/09/10 14:35	Lead 210 (Dissolved)	10	1	11.1		86.5	50 - 150	
--------------	----------------	----------------------	----	---	------	--	------	----------	--

Sample ID	RunNo: 65901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS-R65901	12/09/10 17:12	Lead 210 (Suspended)	8	1	11.1		70.2	50 - 150	
------------	----------------	----------------------	---	---	------	--	------	----------	--

Sample ID	RunNo: 65908	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS10-355 PO	12/14/10 16:07	Polonium 210 (Suspended)	12	1	15.1		81.2	50 - 150	
--------------	----------------	--------------------------	----	---	------	--	------	----------	--

Test: **Total Radium 228**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 65311	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

MB10-326	11/28/10 19:39	Radium 228 (Dissolved)	ND	1					
----------	----------------	------------------------	----	---	--	--	--	--	--

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 65311	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS10-326	11/28/10 19:39	Radium 228 (Dissolved)	13	1	14.3		93.3	63.8 - 119	
-----------	----------------	------------------------	----	---	------	--	------	------------	--

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
L	Analyzed by a contract laboratory	M	Value exceeds Monthly Ave or MCL
ND	Not Detected at the Reporting Limit	O	Outside the Range of Dilutions
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011

Report ID: S1011193002
 (Replaces S1011193001)

Test: **Total Radium 228**Sample Type **MS** Units: pCi/L

Sample ID	RunNo: 65311	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1011193-001FMS	11/28/10 19:39	Radium 228 (Dissolved)	9	1	14.3	0	63.2	52.4 - 145	

Test: **Radium 226 by SM 7500**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 65472	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65472	11/23/10 12:52	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 65474	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65474	12/01/10 9:15	Radium 226 (Dissolved)	ND	0.2					
		Radium 226 (Suspended)	ND	0.2					

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 65472	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65472	11/23/10 12:52	Radium 226 (Dissolved)	8.2	0.2	9.52		85.9	69.3 - 130	

Sample ID	RunNo: 65474	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65474	12/01/10 9:15	Radium 226 (Dissolved)	8.1	0.2	9.52		85.1	69.3 - 130	
		Radium 226 (Suspended)	8.1	0.2	9.52		85.1	69.3 - 130	

Sample Type **MS** Units: pCi/L

Sample ID	RunNo: 65472	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1011193-001FMS	11/23/10 12:52	Radium 226 (Dissolved)	28.1	0.2	9.52	21.7	67.8	54.6 - 137	

Test: **Thorium 230 in Water**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 65612	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65612	12/01/10 9:42	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 66100	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R66100	12/22/10 8:26	Thorium 230 (Suspended)	ND	0.2					

Sample ID	RunNo: 66100	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R66100	12/22/10 8:26	Thorium 230 (Suspended)	ND	0.2					

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 65612	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65612	12/01/10 9:42	Thorium 230 (Dissolved)	13	0.2	12		101	50 - 150	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
L	Analyzed by a contract laboratory	M	Value exceeds Monthly Ave or MCL
ND	Not Detected at the Reporting Limit	O	Outside the Range of Dilutions
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **Thorium 230 in Water**

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R66100	12/22/10 8:26	Thorium 230 (Suspended)	12	0.2	12		96.4	50 - 150	

Test: **Radon 222 by SM7500-RN**

Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65564	11/10/10 0:00	Radon-222	ND	50					L

Sample Type **LCS** Units: pCi/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65564	11/10/10 0:00	Radon-222	22400	100	22500		99.4	75 - 125	L

Test: **Silica as SiO2**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/11/10 13:58	Silica as SiO2	ND	0.1					

Sample Type **LCS** Units: mg/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	11/11/10 14:00	Silica as SiO2	2.2	0.1	2.14		100	85 - 115	

Test: **Solids By SM 2540**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/11/10 11:30	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/11/10 11:35	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	11/11/10 11:40	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/18/10 16:00	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/18/10 16:05	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	11/18/10 16:10	Total Dissolved Solids (180)	ND	10					

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **Solids By SM 2540**

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 64894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

Control 11/11/10 11:45 Total Dissolved Solids (180) 230 10 226 102 90 - 110

Sample ID	RunNo: 65252	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

Control 11/18/10 16:15 Total Dissolved Solids (180) 210 10 226 94.7 90 - 110

Test: **Total (200.2) Metals by EPA 200.7 ICP - Water**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 65006	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLK 11/12 TOT -4649 11/15/10 11:42 Iron ND 0.05
Manganese ND 0.02

Sample ID	RunNo: 65006	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLK 11/15 TOT -4653 11/15/10 13:39 Iron ND 0.05
Manganese ND 0.02

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 65006	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS 11/12 TOT -4649 11/15/10 11:45 Iron 0.50 0.05 0.5 100 85 - 115
Manganese 0.19 0.02 0.2 95.6 85 - 115

Sample ID	RunNo: 65006	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

LCS 11/15 TOT -4653 11/15/10 13:41 Iron 0.49 0.05 0.5 97.6 85 - 115
Manganese 0.19 0.02 0.2 94.4 85 - 115

Sample Type **MS** Units: mg/L

Sample ID	RunNo: 65006	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

S1011193-001ES 11/15/10 11:58 Iron 0.60 0.05 0.5 0.157 88.5 70 - 130
Manganese 0.20 0.02 0.2 0.007 94.2 70 - 130

Test: **Suspended Natural Uranium**

Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 65227	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

Init Cal Blank 11/22/10 13:01 Uranium Suspended ND 0.001

Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 65227	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

lcs 11/22/10 13:08 Uranium Suspended 0.098 0.001 0.1 98.1 90 - 110

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
 (Replaces S1011193001)

Test: **Suspended Natural Uranium**Sample Type **MS** Units: mg/L

Sample ID	RunNo: 65227	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1011193-001Gs	11/22/10 15:35	Uranium Suspended	1.09	0.001	1.1	0.00229	99.3	70 - 130	

Sample Type **DUP** Units: mg/L

Sample ID	RunNo: 65227	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1011193-001G	11/22/10 15:31	Uranium Suspended	0.0024	0.0003	0.00229			0	

Test: **pH Water**Sample Type **MBLK** Units: s.u.

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/11/10 13:25	pH	6.3	0.1					

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/11/10 22:12	pH	6.5	0.1					

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/12/10 15:28	pH	6.1	0.1					

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/15/10 10:19	pH	6.2	0.1					

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/16/10 12:19	pH	6.1	0.1					

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/16/10 16:54	pH	6.1	0.1					

Sample Type **LCS** Units: s.u.

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/11/10 13:16	pH	10.9	0.1	10.7		102	94.8 - 105	

Sample ID	RunNo: 64872	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/11/10 22:03	pH	10.7	0.1	10.7		99.7	94.8 - 105	

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/12/10 15:19	pH	10.8	0.1	10.7		101	94.8 - 105	

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/15/10 10:09	pH	11.0	0.1	10.7		102	94.8 - 105	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
L	Analyzed by a contract laboratory	M	Value exceeds Monthly Ave or MCL
ND	Not Detected at the Reporting Limit	O	Outside the Range of Dilutions
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011193
Project: Reno Creek Project

Date: 3/1/2011
Report ID: S1011193002
(Replaces S1011193001)

Test: **pH Water**

Sample Type **LCS** Units: s.u.

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC	11/16/10 12:09	pH	11.0	0.1	10.7		103	94.8 - 105	
------	----------------	----	------	-----	------	--	-----	------------	--

Sample ID	RunNo: 65037	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC	11/16/10 16:46	pH	10.9	0.1	10.7		102	94.8 - 105	
------	----------------	----	------	-----	------	--	-----	------------	--

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits



Inter-Mountain Labs, Inc.
Sheridan, WY and Gillette, WY

- CHAIN OF CUSTODY RECORD -

WEB 206

All shaded fields must be completed.
 This is a legal document; any misrepresentation may be construed as fraud.

Telephone #

(307) 265-0696

Client Name **AUC, LLC** Project Identification **Reno Creek Project** Supplier/Signature/Attestation of Authenticity *Justin Scott*

Report Address **pcavendor@bayswateruranium.com** Contact Name and Email **Jim Shriver jshriver@treccorp.com** ANALYSES / PARAMETERS

Invoice Address **AUC, LLC** Voice **307-265-0696** FAX **307-265-2498** Purchase Order # **Quote #** see attached tables

951 Werner Court Suite 395 Casper Wyoming 82601

REMARKS **TRUCKING: 11/10/10 11:00 AM**

ITEM	LAB ID	DATE SAMPLED	TIME SAMPLED	SAMPLE IDENTIFICATION	Matrix	# of Containers	REMARKS
1	51011935	11/9	1:06	PZ M 18	W	3/10	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							

LAB COMMENTS **Refrigerated By (Signature/Printed) Justin Scott** DATE **11/9** TIME **11:10** RECEIVED BY (Signature/Printed) **Mike McNeil** DATE **11-10-10** TIME **1515**

SHIPPING INFO UPS Fed Express US Mail Hand Carried Other

MATRIX CODES Water Soil Solid Trip Blank Other

TURN AROUND TIMES Check desired service Standard turnaround RUSH - 5 Working Days URGENT - < 2 Working Days *Rush & Urgent Surcharges will be applied*

COMPLIANCE INFORMATION Compliance Monitoring? Program (SDWA, NPDES, ...) PWSID / Permit # Chlorinated? Sample Disposal: Lab Client

ADDITIONAL REMARKS