



Friday, July 22, 2011

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

RE: Reno Creek Project  
Orde

r No.: S1106249

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples PZM10-003-110613 on June 14, 2011.

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: 7/22/2011

**CLIENT:** AUC LLC  
**Project:** Reno Creek Project  
**Lab Order:** S1106249

**CASE NARRATIVE**  
**Report ID:** S1106249001

Sample PZM10-003-110613 was received on June 14, 2011.

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

MB-R71504 - General Parameters/Radon-222 - Analyzed by a contract laboratory  
LCS-R71504 - General Parameters/Radon-222 - Analyzed by a contract laboratory  
S1106249-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory  
S1106179-001 - Radiochemistry/Gross Beta (Dissolved) - RPD outside accepted recovery limits  
S1106249-001 - Radiochemistry/Polonium 210 (Dissolved) - RPD outside accepted recovery limits

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 7/22/2011
Report ID S1106249001

ProjectName: Reno Creek Project
Lab ID: S1106249-001
ClientSample ID: PZM10-003-110613
COC: RC 08292

WorkOrder: S1106249
CollectionDate: 6/13/2011 1:45:00 PM
DateReceived: 6/14/2011 10:12:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include pH Reading, Conductivity Reading, Turbidity Reading, Dissolved Oxygen Reading, Temperature Reading, Oxygen Reduction Potential Reading, Purge Rate Reading, and Water Level Reading.

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: [Signature]
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 7/22/2011
Report ID S1106249001

ProjectName: Reno Creek Project
Lab ID: S1106249-001
ClientSample ID: PZM10-003-110613
COC: RC 08292

WorkOrder: S1106249
CollectionDate: 6/13/2011 1:45:00 PM
DateReceived: 6/14/2011 10:12:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum).

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: [Signature]
Lacey Ketron, Water Lab Supervisor



### Sample Analysis Report

**Company:** AUC LLC  
1536 Cole Blvd  
Lakewood, CO 80401

**Date Reported** 7/22/2011  
**Report ID** S1106249001

**ProjectName:** Reno Creek Project  
**Lab ID:** S1106249-001  
**ClientSample ID:** PZM10-003-110613  
**COC:** RC 08292

**WorkOrder:** S1106249  
**CollectionDate:** 6/13/2011 1:45:00 PM  
**DateReceived:** 6/14/2011 10:12:00 AM  
**FieldSampler:** TN  
**Matrix:** Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
<b>Metals - Dissolved</b>							
Aluminum	ND	mg/L		0.1	EPA 200.7	6/15/2011 1:38:35 PM	DG
Arsenic	0.026	mg/L		0.001	EPA 200.8	6/16/2011 2:01:00 PM	MS
Barium	ND	mg/L		0.1	EPA 200.8	6/16/2011 2:01:00 PM	MS
Boron	ND	mg/L		0.1	EPA 200.7	6/15/2011 1:38:35 PM	DG
Cadmium	ND	mg/L		0.001	EPA 200.8	6/16/2011 2:01:00 PM	MS
Chromium	ND	mg/L		0.01	EPA 200.7	6/15/2011 1:38:35 PM	DG
Copper	ND	mg/L		0.01	EPA 200.8	6/16/2011 2:01:00 PM	MS
Iron	ND	mg/L		0.05	EPA 200.7	6/15/2011 1:38:35 PM	DG
Lead	ND	mg/L		0.01	EPA 200.8	6/16/2011 2:01:00 PM	MS
Manganese	0.05	mg/L		0.01	EPA 200.7	6/15/2011 1:38:35 PM	DG
Mercury	ND	mg/L		0.001	EPA 245.1	6/16/2011 1:53:02 PM	VR
Molybdenum	0.40	mg/L		0.01	EPA 200.8	6/16/2011 2:01:00 PM	MS
Nickel	ND	mg/L		0.05	EPA 200.7	6/15/2011 1:38:35 PM	DG
Selenium	ND	mg/L		0.005	EPA 200.8	6/16/2011 2:01:00 PM	MS
Uranium	0.477	mg/L		0.0003	EPA 200.8	6/16/2011 2:01:00 PM	MS
Vanadium	ND	mg/L		0.1	EPA 200.8	6/16/2011 2:01:00 PM	MS
Zinc	ND	mg/L		0.01	EPA 200.7	6/15/2011 1:38:35 PM	DG
<b>Metals - Suspended</b>							
Uranium	ND	mg/L		0.0003	EPA 200.8	6/20/2011 3:13:04 PM	MS
<b>Metals - Total</b>							
Iron	ND	mg/L		0.05	EPA 200.7	6/16/2011 6:29:16 PM	DG
Manganese	0.05	mg/L		0.01	EPA 200.7	6/16/2011 6:29:16 PM	DG

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

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 7/22/2011
Report ID S1106249001

ProjectName: Reno Creek Project
Lab ID: S1106249-001
ClientSample ID: PZM10-003-110613
COC: RC 08292

WorkOrder: S1106249
CollectionDate: 6/13/2011 1:45:00 PM
DateReceived: 6/14/2011 10:12:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Radionuclides - Dissolved (Gross Alpha, Gross Beta, Lead 210, Polonium 210, Radium 226, Radium 228, Thorium 230) and Radionuclides - Suspended (Lead 210, Polonium 210, Radium 226, Thorium 230). Total Radon 222 is also listed.

These results apply only to the samples tested.

RL - Reporting Limit

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ND Not Detected at the Reporting Limit
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O Outside the Range of Dilutions

Reviewed by: [Signature]
Lacey Ketron, Water Lab Supervisor



### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Alkalinity**

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/15/11 9:53	Alkalinity, Total (As CaCO3)	ND	5					

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/15/11 9:44	Alkalinity, Total (As CaCO3)	594	5	607		97.9	90 - 110	

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106263-007A	06/15/11 18:23	Alkalinity, Bicarbonate as HCO3	1680	5	1670	0.0917		20	
		Alkalinity, Carbonate as CO3	ND	5	ND	0		20	
		Alkalinity, Total (As CaCO3)	1370	5	1370	0.0917		20	

**Conductivity**

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/15/11 9:53	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/15/11 9:44	Electrical Conductivity	919	5	1000		91.8	90 - 110	

Sample Type **DUP** Units: µmhos/cm

Sample ID	RunNo: 71111	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106263-007A	06/15/11 18:23	Electrical Conductivity	2190	5	2200	0.455		20	

- Qualifiers:**
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  - O Outside the Range of Dilutions
  - S Spike Recovery outside accepted recovery limits
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits



### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Dissolved Mercury by EPA 245.1 - Water**

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	06/16/11 10:41	Mercury	ND	0.001					

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	06/16/11 10:39	Mercury	0.002	0.001	0.002		91.8	85 - 115	

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106234-011C	06/16/11 13:42	Mercury	0.002	0.001	0.00244	ND	95.7	70 - 130	

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106234-011C	06/16/11 13:44	Mercury	0.002	0.001	0.002	1.79	94.0	20	

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106234-011C	06/16/11 13:40	Mercury	ND	0.001	ND	0		20	

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



**ANALYTICAL QC SUMMARY REPORT**

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Dissolved Metals by ICP - EPA 200.7 - Water**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 71115	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/15/11 12:53	Aluminum	ND	0.1					
		Boron	ND	0.1					
		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: 71115	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	06/15/11 12:56	Aluminum	1.0	0.1	1		99.7	85 - 115	
		Boron	1.0	0.1	1		98.0	85 - 115	
		Chromium	1.03	0.01	1		103	85 - 115	
		Iron	0.99	0.05	1		99.4	85 - 115	
		Manganese	1.02	0.02	1		102	85 - 115	
		Nickel	1.00	0.01	1		99.9	85 - 115	
		Zinc	1.00	0.01	1		100	85 - 115	

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106259-005BS	06/15/11 13:57	Aluminum	0.6	0.1	0.5	ND	103	70 - 130	
		Boron	0.5	0.1	0.5	ND	104	70 - 130	
		Chromium	0.51	0.01	0.5	ND	103	70 - 130	
		Iron	0.52	0.05	0.5	ND	100	70 - 130	
		Manganese	0.52	0.02	0.5	ND	104	70 - 130	
		Nickel	0.50	0.01	0.5	ND	99.1	70 - 130	
		Zinc	0.50	0.01	0.5	ND	99.9	70 - 130	

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106259-005BSD	06/15/11 13:59	Aluminum	0.6	0.1	0.6	1.97	101	20	
		Boron	0.5	0.1	0.5	1.92	102	20	
		Chromium	0.50	0.01	0.51	2.49	100	20	
		Iron	0.51	0.05	0.52	2.60	97.8	20	
		Manganese	0.51	0.02	0.52	2.35	101	20	
		Nickel	0.49	0.01	0.50	2.14	97.0	20	
		Zinc	0.49	0.01	0.50	1.98	97.9	20	

**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

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

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106259-004BD	06/15/11 13:52	Aluminum	0.2	0.1	0.2	1.21		20	
		Boron	ND	0.1	ND	0		20	
		Chromium	ND	0.01	ND	0		20	
		Iron	ND	0.05	ND	0		20	
		Manganese	ND	0.02	ND	0		20	
		Nickel	ND	0.01	ND	0		20	
		Zinc	ND	0.01	ND	0		20	

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

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
INIT CAL BLANK	06/16/11 13:40	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					

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	06/16/11 13:48	Arsenic	0.103	0.005	0.1		103	85 - 115	
		Barium	ND	0.5	0.1		102	85 - 115	
		Cadmium	0.103	0.002	0.1		103	85 - 115	
		Copper	0.10	0.01	0.1		99.7	85 - 115	
		Lead	0.10	0.02	0.1		101	85 - 115	
		Molybdenum	0.10	0.02	0.1		103	85 - 115	
		Selenium	0.104	0.005	0.1		104	85 - 115	
		Uranium	0.101	0.001	0.1		101	85 - 115	
		Vanadium	0.10	0.02	0.1		103	85 - 115	

- Qualifiers:**
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  - L Analyzed by a contract laboratory
  - O Outside the Range of Dilutions
  - S Spike Recovery outside accepted recovery limits
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits



### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

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

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106249-001ES	06/16/11 14:09	Arsenic	1.18	0.005	1.1	0.026	105	70 - 130	
		Barium	1.2	0.5	1.1	ND	105	70 - 130	
		Cadmium	1.17	0.002	1.1	ND	107	70 - 130	
		Copper	1.09	0.01	1.1	ND	99.1	70 - 130	
		Lead	0.94	0.02	1.1	ND	85.7	70 - 130	
		Molybdenum	1.59	0.02	1.1	0.40	108	70 - 130	
		Selenium	1.18	0.005	1.1	ND	107	70 - 130	
		Uranium	1.63	0.001	1.1	0.477	105	70 - 130	
		Vanadium	1.16	0.02	1.1	ND	105	70 - 130	

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106249-001EMSD	06/16/11 14:13	Arsenic	1.18	0.005	1.18	0.276	105	20	
		Barium	1.2	0.5	1.2	0.120	105	20	
		Cadmium	1.18	0.002	1.17	0.623	107	20	
		Copper	1.08	0.01	1.09	0.692	98.4	20	
		Lead	0.94	0.02	0.94	0.804	85.0	20	
		Molybdenum	1.58	0.02	1.59	0.127	108	20	
		Selenium	1.17	0.005	1.18	0.478	107	20	
		Uranium	1.63	0.001	1.63	0.222	105	20	
		Vanadium	1.16	0.02	1.16	0.194	105	20	

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106249-001ED	06/16/11 14:05	Arsenic	0.026	0.005	0.026	0.321		20	
		Barium	ND	0.5	ND	0		20	
		Cadmium	ND	0.002	ND	0		20	
		Copper	ND	0.01	ND	0		20	
		Lead	ND	0.02	ND	0		20	
		Molybdenum	0.40	0.02	0.40	0.0904		20	
		Selenium	ND	0.005	ND	0		20	
		Uranium	0.479	0.001	0.477	0.411		20	
		Vanadium	ND	0.02	ND	0		20	

- Qualifiers:**
- B Analyte detected in the associated Method Blank
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  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Fluoride by SM 4500**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/15/11 9:53	Fluoride	ND	0.1					

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/15/11 9:44	Fluoride	2.8	0.1	2.71		104	90 - 110	

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106263-6SPK	06/15/11 17:51	Fluoride	2.5	0.1	2.5	ND	98.4	80 - 120	

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106263-007A	06/15/11 18:23	Fluoride	0.2	0.1	0.2	1.56		20	

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

Sample ID	RunNo: 71682	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-174	06/29/11 20:09	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 71682	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-174	06/29/11 20:09	Gross Alpha (Dissolved)	84	2	73.6		115	76.7 - 133	
		Gross Beta (Dissolved)	133	3	126		105	76.7 - 133	

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

Sample ID	RunNo: 71682	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106128-001GMS	06/29/11 20:09	Gross Alpha (Dissolved)	73	2	73.6	ND	98.8	47.8 - 153	
		Gross Beta (Dissolved)	143	3	126	5	110	47.8 - 153	

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

Sample ID	RunNo: 71682	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106179-001GDUP	06/29/11 20:09	Gross Alpha (Dissolved)	5	2	5	1.84		20	
		Gross Beta (Dissolved)	11	4	9	21.3		20	R

**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Anions by ION Chromatography**

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

Sample ID	RunNo: 71070	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/14/11 9:34	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 71070	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	06/14/11 9:46	Chloride	29	1	30		97.5	90 - 110	
		Sulfate	140	1	150		93.6	90 - 110	

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

Sample ID	RunNo: 71070	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106250-001BSPK	06/15/11 3:07	Chloride	159	1	130	33	97.2	80 - 120	
		Sulfate	2760	1	1040	1550	116	80 - 120	

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

Sample ID	RunNo: 71070	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106250-001B	06/15/11 2:55	Chloride	32	1	33	0.758		20	
		Sulfate	1570	1	1550	1.59		20	

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

**ANALYTICAL QC SUMMARY REPORT**

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

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

Sample ID	RunNo: 71102	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/15/11 12:53	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 71102	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CAT LCS IML3	06/15/11 12:58	Calcium	41	1	40		102	85 - 115	
		Magnesium	40	1	40		100	85 - 115	
		Potassium	41	1	40		102	85 - 115	
		Sodium	39	1	40		96.5	85 - 115	

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

Sample ID	RunNo: 71102	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106259-005AS	06/15/11 13:57	Calcium	29	1	25	3	106	70 - 130	
		Magnesium	28	1	25	ND	109	70 - 130	
		Potassium	30	1	25	3	108	70 - 130	
		Sodium	27	1	25	4	95.5	70 - 130	

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

Sample ID	RunNo: 71102	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106259-005ASD	06/15/11 13:59	Calcium	29	1	29	2.40	103	20	
		Magnesium	27	1	28	2.03	106	20	
		Potassium	29	1	30	1.93	106	20	
		Sodium	27	1	27	2.19	93.1	20	

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

Sample ID	RunNo: 71102	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106259-004AD	06/15/11 13:52	Calcium	2	1	2	0.505		20	
		Magnesium	ND	1	ND	0		20	
		Potassium	3	1	3	0.129		20	
		Sodium	2	1	2	2.01		20	

**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

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

Sample ID	RunNo: 71150	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/16/11 13:54	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 71150	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	06/16/11 13:56	Nitrogen, Ammonia (As N)	8.7	0.1	8.93		97.5	90 - 110	

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

Sample ID	RunNo: 71150	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106250-001D	06/16/11 16:00	Nitrogen, Ammonia (As N)	9.2	0.1	10	ND	92.2	80 - 120	

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

Sample ID	RunNo: 71150	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106250-001D	06/16/11 15:59	Nitrogen, Ammonia (As N)	ND	0.1	ND	0		20	

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

Sample ID	RunNo: 71167	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	06/16/11 18:44	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 71167	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	06/16/11 18:46	Nitrogen, Nitrate-Nitrite (as N)	8.4	0.1	7.69		109	90 - 110	

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

Sample ID	RunNo: 71167	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106250-001D	06/16/11 20:33	Nitrogen, Nitrate-Nitrite (as N)	9.6	0.1	10	ND	96.2	80 - 120	

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

Sample ID	RunNo: 71167	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106250-001D	06/16/11 20:32	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1	ND	0		20	

**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

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

Sample ID	RunNo: 71693	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-171	06/30/11 14:04	Lead 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 71696	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-171	06/27/11 10:40	Polonium 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 71703	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-171	06/30/11 9:02	Lead 210 (Suspended)	ND	1					
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Sample ID	RunNo: 71709	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-171	06/27/11 12:30	Polonium 210 (Suspended)	ND	1					
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Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 71693	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-171	06/29/11 17:59	Lead 210 (Dissolved)	15	1	13		119	67.6 - 131	
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Sample ID	RunNo: 71696	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-171 PO	06/27/11 10:40	Polonium 210 (Dissolved)	4	1	4.06		108	67.6 - 131	
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Sample ID	RunNo: 71703	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-171	06/30/11 9:02	Lead 210 (Suspended)	13	1	13		102	67.6 - 131	
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Sample ID	RunNo: 71709	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-171 PO	06/27/11 12:30	Polonium 210 (Suspended)	4	1	4.06		97.3	67.6 - 131	
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Sample Type **MS** Units: pCi/L

Sample ID	RunNo: 71693	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106164-001GMS	06/29/11 17:59	Lead 210 (Dissolved)	16	1	13	4	84.7	66 - 133	
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Sample ID	RunNo: 71696	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106164-001GMS	06/27/11 10:40	Polonium 210 (Dissolved)	5	1	4.06	ND	114	66 - 133	
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Sample ID	RunNo: 71703	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106250-001GMS	06/30/11 9:02	Lead 210 (Suspended)	13	1	13	ND	98.3	66 - 133	
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Sample ID	RunNo: 71709	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106250-001GMS	06/27/11 12:30	Polonium 210 (Suspended)	9	1	13	ND	67.8	66 - 133	
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**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Lead 210 and Polonium 210**

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

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106249-001GDUP 06/29/11 17:59 Lead 210 (Dissolved) 33 1 28 19.7 20

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106249-001GDUP 06/27/11 10:40 Polonium 210 (Dissolved) 2 1 1 36.6 20 R

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106289-001GDUP 06/30/11 9:02 Lead 210 (Suspended) 9 1 9 4.94 20

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106289-001GDUP 06/27/11 12:30 Polonium 210 (Suspended) ND 1 ND 0 20

**Radium 228**

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-199 07/21/11 18:08 Radium 228 (Dissolved) ND 1

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-199 07/21/11 15:48 Radium 228 (Dissolved) 11 1 10.2 105 74.9 - 122

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106511-004GMS 07/21/11 15:48 Radium 228 (Dissolved) 12 1 10.2 1 101 48.4 - 167

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

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106511-005GDUP 07/21/11 15:48 Radium 228 (Dissolved) 1 1 ND 0 20

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



### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Radium 226 by SM 7500**

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

Sample ID	RunNo: 71404	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-167	06/21/11 21:14	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 71902	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-180	07/06/11 10:32	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 71404	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-167	06/21/11 21:14	Radium 226 (Dissolved)	5.3	0.2	5		106	62.5 - 125	

Sample ID	RunNo: 71902	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-180	07/06/11 10:32	Radium 226 (Suspended)	4.7	0.2	5		93.0	62.5 - 125	

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

Sample ID	RunNo: 71902	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106354-001GMS	07/06/11 14:12	Radium 226 (Suspended)	5.0	0.2	5	0.2	95.1	51.4 - 135	

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

Sample ID	RunNo: 71404	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106089-001GDUP	06/21/11 21:14	Radium 226 (Dissolved)	1.6	0.2	1.7	4.70		20	

Sample ID	RunNo: 71902	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106249-001GDUP	07/06/11 14:12	Radium 226 (Suspended)	0.3	0.2	0.3	2.42		20	

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

**ANALYTICAL QC SUMMARY REPORT**

**CLIENT:** AUC LLC  
**Work Order:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

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

Sample ID	RunNo: 71725	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-172	06/27/11 8:11	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 71891	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-172	06/29/11 7:47	Thorium 230 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 71725	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-172	06/27/11 8:11	Thorium 230 (Dissolved)	13	0.2	12		104	67.1 - 134	

Sample ID	RunNo: 71891	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-172	06/29/11 7:47	Thorium 230 (Suspended)	13	0.2	12		107	67.1 - 134	

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

Sample ID	RunNo: 71725	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106250-001GDUP	06/27/11 12:52	Thorium 230 (Dissolved)	ND	0.2	ND	0		20	

**Radon 222 by SM7500-RN**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 71504	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R71504	06/14/11 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 71504	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R71504	06/14/11 0:00	Radon-222	23600	100	22500		105	75 - 125	L

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

Sample ID	RunNo: 71504	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106249-001B	06/14/11 0:00	Radon-222	60200	100	61400	1.95		20	L

**Silica as SiO2**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 71119	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/15/11 12:53	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 71119	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	06/15/11 12:56	Silica as SiO2	2.2	0.1	2.14		103	85 - 115	

**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Solids By SM 2540**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 71255	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	06/16/11 11:10	Total Dissolved Solids (180)	ND	10					

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

Sample ID	RunNo: 71255	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CONTROL	06/16/11 11:15	Total Dissolved Solids (180)	220	10	226		97.3	90 - 110	

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

Sample ID	RunNo: 71255	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106250-001B	06/16/11 11:55	Total Dissolved Solids (180)	2820	10	2820	0.142		20	

**Total (200.2) Metals by EPA 200.7 ICP - Water**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 71159	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 6/16 TOT -5206	06/16/11 18:24	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 71159	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 6/16 TOT -5206	06/16/11 18:26	Iron	0.50	0.05	0.5		99.1	85 - 115	
		Manganese	0.19	0.02	0.2		96.0	85 - 115	

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

Sample ID	RunNo: 71159	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106301-008ES	06/16/11 19:20	Iron	0.96	0.05	0.5	0.44	103	70 - 130	
		Manganese	0.23	0.02	0.2	0.03	99.2	70 - 130	

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

Sample ID	RunNo: 71159	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106301-008ESD	06/16/11 19:22	Iron	0.92	0.05	0.96	3.48	96.1	20	
		Manganese	0.23	0.02	0.23	0.734	98.4	20	

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

Sample ID	RunNo: 71159	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106249-001FD	06/16/11 18:31	Iron	ND	0.05	ND	0		20	
		Manganese	0.05	0.02	0.05	0.815		20	

**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	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:** S1106249  
**Project:** Reno Creek Project

**Date:** 7/22/2011  
**Report ID:** S1106249001

**Suspended Natural Uranium**

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

Sample ID	RunNo: 71264	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	06/20/11 14:32	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 71264	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	06/20/11 14:28	Uranium Suspended	0.0938	0.0003	0.1		93.8	85 - 115	

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

Sample ID	RunNo: 71264	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106249-001HS	06/20/11 15:29	Uranium Suspended	1.11	0.0003	1.1	ND	101	70 - 130	

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

Sample ID	RunNo: 71264	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106249-001HMSD	06/20/11 15:33	Uranium Suspended	1.11	0.0003	1.11	0.0555	101	20	

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

Sample ID	RunNo: 71264	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106249-001HD	06/20/11 15:17	Uranium Suspended	ND	0.0003	ND	0		20	

**pH Water**

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/15/11 9:44	pH	8.4	0.1	8.63		97.2	90 - 110	

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

Sample ID	RunNo: 71111	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106263-007A	06/15/11 18:23	pH	7.2	0.1	7.2	0.332		20	

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



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This is a LEGAL DOCUMENT. All shaded fields must be completed. See reverse for instructions. #RC 08292

- CHAIN OF CUSTODY RECORD -

Client Name: AUC LLC				Project Identification: Reno Creek Project				Sampler (Signature/Printed): <i>Micki Anderson</i>		Telephone #: 265-0692				
Report Address: peavendor@auc-llc.com; trickerson@reccorp.com; jshriver@treeeepp.com				Contact Name: Micki Anderson				ANALYSES / PARAMETERS						
Invoice Address: AUC LLC 951 Wenden Cir. Ste 395 Casden Wyo 82601				Email: <i>micki@reccorp.com</i>		Phone: 307-265-0696		Purchase Order #		Quote #				
ITEM	LAB ID (Lab Use Only)	DATE SAMPLED	TIME	SAMPLE IDENTIFICATION	Matrix	# of Containers	See Attached Table 1 (4.14, Guide 8, Radon 222)	See Attached Table 2 (Air Particulate)	See Attached Table 3 (Vegetation)	See Attached Table 4 (Sediment)	See Attached Table 5 (Soil)	See Attached Table 8 WYPDES Discharge	See Attached Table 9 (Blanks)	REMARKS
1	251126249	6/13/11	1340	25110-003-110643 W		13								Coke water
2-14														
LAB COMMENTS				Relinquished By (Signature/Printed): <i>Micki Anderson</i>				DATE TIME				DATE TIME		