



Wednesday, July 20, 2011

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

RE: Reno Creek Project  
Orde

r No.: S1106126

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples SM5-003-110607 on June 8, 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:** 7/20/2011

**CLIENT:** AUC LLC  
**Project:** Reno Creek Project  
**Lab Order:** S1106126

**CASE NARRATIVE**  
**Report ID:** S1106126001

Sample SM5-003-110607 was received on June 8, 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-R71508 - General Parameters/Radon-222 - Analyzed by a contract laboratory  
LCS-R71508 - General Parameters/Radon-222 - Analyzed by a contract laboratory  
S1106126-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 7/20/2011
Report ID S1106126001

ProjectName: Reno Creek Project
Lab ID: S1106126-001
ClientSample ID: SM5-003-110607
COC: RC 08284

WorkOrder: S1106126
CollectionDate: 6/7/2011 8:35:00 AM
DateReceived: 6/8/2011 11:43:00 AM
FieldSampler: TN
Matrix: Water

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

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** 7/20/2011  
**Report ID** S1106126001

**ProjectName:** Reno Creek Project  
**Lab ID:** S1106126-001  
**ClientSample ID:** SM5-003-110607  
**COC:** RC 08284

**WorkOrder:** S1106126  
**CollectionDate:** 6/7/2011 8:35:00 AM  
**DateReceived:** 6/8/2011 11:43:00 AM  
**FieldSampler:** TN  
**Matrix:** Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
<b>Data Quality</b>							
Cation Sum	45.33	meq/L		0.01	SM 1030E	6/21/2011 9:03:31 PM	LJK
Anion Sum	43.50	meq/L		0.01	SM 1030E	6/21/2011 9:03:31 PM	LJK
Cation-Anion Balance (± 5%)	2.06	%		0.01	SM 1030E	6/21/2011 9:03:31 PM	LJK
Solids, Total Dissolved (Calc)	2770	mg/L		10	SM 1030E	6/21/2011 9:03:31 PM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)	1.06	dec. %		0.01	Calculation	6/21/2011 9:15:25 PM	LJK
<b>Metals - Dissolved</b>							
Aluminum	ND	mg/L		0.1	EPA 200.7	6/9/2011 11:00:29 AM	DG
Arsenic	0.004	mg/L		0.001	EPA 200.8	6/8/2011 9:50:51 PM	MS
Barium	ND	mg/L		0.1	EPA 200.8	6/8/2011 9:50:51 PM	MS
Boron	ND	mg/L		0.1	EPA 200.7	6/9/2011 11:00:29 AM	DG
Cadmium	ND	mg/L		0.001	EPA 200.8	6/8/2011 9:50:51 PM	MS
Chromium	ND	mg/L		0.01	EPA 200.7	6/9/2011 11:00:29 AM	DG
Copper	ND	mg/L		0.01	EPA 200.8	6/8/2011 9:50:51 PM	MS
Iron	1.16	mg/L		0.05	EPA 200.7	6/9/2011 11:00:29 AM	DG
Lead	ND	mg/L		0.01	EPA 200.8	6/8/2011 9:50:51 PM	MS
Manganese	0.57	mg/L		0.01	EPA 200.7	6/9/2011 11:00:29 AM	DG
Mercury	ND	mg/L		0.001	EPA 245.1	6/10/2011 11:31:52 AM	VR
Molybdenum	ND	mg/L		0.01	EPA 200.8	6/8/2011 9:50:51 PM	MS
Nickel	ND	mg/L		0.05	EPA 200.7	6/9/2011 11:00:29 AM	DG
Selenium	0.007	mg/L		0.005	EPA 200.8	6/8/2011 9:50:51 PM	MS
Uranium	0.0007	mg/L		0.0003	EPA 200.8	6/8/2011 9:50:51 PM	MS
Vanadium	ND	mg/L		0.1	EPA 200.8	6/8/2011 9:50:51 PM	MS
Zinc	ND	mg/L		0.01	EPA 200.7	6/9/2011 11:00:29 AM	DG
<b>Metals - Suspended</b>							
Uranium	ND	mg/L		0.0003	EPA 200.8	6/13/2011 5:50:05 PM	MS
<b>Metals - Total</b>							
Iron	3.43	mg/L		0.05	EPA 200.7	6/10/2011 6:16:14 PM	DG
Manganese	0.59	mg/L		0.01	EPA 200.7	6/10/2011 6:16:14 PM	DG

These results apply only to the samples tested.

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  - 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 7/20/2011
Report ID S1106126001

ProjectName: Reno Creek Project
Lab ID: S1106126-001
ClientSample ID: SM5-003-110607
COC: RC 08284

WorkOrder: S1106126
CollectionDate: 6/7/2011 8:35:00 AM
DateReceived: 6/8/2011 11:43:00 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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Reviewed by: [Signature]
Lacey Ketron, Water Lab Supervisor



### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Alkalinity**

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/08/11 16:57	Alkalinity, Total (As CaCO3)	ND	5					

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/08/11 16:50	Alkalinity, Total (As CaCO3)	598	5	607		98.6	90 - 110	

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001B	06/08/11 17:54	Alkalinity, Bicarbonate as HCO3	580	5	584	0.668		20	
		Alkalinity, Carbonate as CO3	ND	5	ND	0		20	
		Alkalinity, Total (As CaCO3)	476	5	479	0.668		20	

**Conductivity**

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/08/11 16:57	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/08/11 16:50	Electrical Conductivity	974	5	1000		97.3	90 - 110	

Sample Type **DUP** Units: µmhos/cm

Sample ID	RunNo: 70884	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001B	06/08/11 17:54	Electrical Conductivity	2380	5	2410	1.24		20	

- Qualifiers:**
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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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Dissolved Mercury by EPA 245.1 - Water**

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

Sample ID	RunNo: 70937	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	06/10/11 10:54	Mercury	ND	0.001					

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

Sample ID	RunNo: 70937	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	06/10/11 10:53	Mercury	0.002	0.001	0.002		101	85 - 115	

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

Sample ID	RunNo: 70937	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106107-004C	06/10/11 11:17	Mercury	0.002	0.001	0.00244	ND	95.0	70 - 130	

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

Sample ID	RunNo: 70937	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106107-004C	06/10/11 11:19	Mercury	0.002	0.001	0.002	1.39	96.4	20	

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

Sample ID	RunNo: 70937	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106107-004C	06/10/11 11:16	Mercury	ND	0.001	ND	0		20	

- Qualifiers:**
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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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

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

Sample ID	RunNo: 70908	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/09/11 10:43	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: 70908	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	06/09/11 10:45	Aluminum	1.1	0.1	1		107	85 - 115	
		Boron	1.1	0.1	1		105	85 - 115	
		Chromium	1.09	0.01	1		109	85 - 115	
		Iron	1.06	0.05	1		106	85 - 115	
		Manganese	1.07	0.02	1		107	85 - 115	
		Nickel	1.07	0.01	1		107	85 - 115	
		Zinc	1.09	0.01	1		109	85 - 115	

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

Sample ID	RunNo: 70908	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106142-003BS	06/09/11 11:16	Aluminum	0.6	0.1	0.5	ND	114	70 - 130	
		Boron	0.6	0.1	0.5	ND	113	70 - 130	
		Chromium	0.55	0.01	0.5	ND	110	70 - 130	
		Iron	0.55	0.05	0.5	ND	107	70 - 130	
		Manganese	0.56	0.02	0.5	ND	110	70 - 130	
		Nickel	0.54	0.01	0.5	ND	107	70 - 130	
		Zinc	1.01	0.01	0.5	0.52	99.7	70 - 130	

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

Sample ID	RunNo: 70908	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106142-003BSD	06/09/11 11:18	Aluminum	0.6	0.1	0.6	1.66	116	20	
		Boron	0.6	0.1	0.6	3.56	117	20	
		Chromium	0.56	0.01	0.55	2.42	112	20	
		Iron	0.57	0.05	0.55	2.11	110	20	
		Manganese	0.57	0.02	0.56	2.00	112	20	
		Nickel	0.55	0.01	0.54	2.68	110	20	
		Zinc	1.02	0.01	1.01	0.178	100	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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

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

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

Sample ID	RunNo: 70908	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106142-002BD	06/09/11 11:11	Aluminum	ND	0.1	ND	0		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: 70867	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	06/08/11 15:42	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: 70867	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	06/08/11 15:38	Arsenic	0.106	0.005	0.1		106	85 - 115	
		Barium	ND	0.5	0.1		107	85 - 115	
		Cadmium	0.109	0.002	0.1		109	85 - 115	
		Copper	0.10	0.01	0.1		102	85 - 115	
		Lead	0.10	0.02	0.1		99.6	85 - 115	
		Molybdenum	0.11	0.02	0.1		106	85 - 115	
		Selenium	0.107	0.005	0.1		107	85 - 115	
		Uranium	0.103	0.001	0.1		103	85 - 115	
		Vanadium	0.11	0.02	0.1		105	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
  - 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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

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

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

Sample ID	RunNo: 70867	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106126-001ES	06/08/11 21:58	Arsenic	1.19	0.005	1.1	ND	108	70 - 130	
		Barium	1.1	0.5	1.1	ND	102	70 - 130	
		Cadmium	1.20	0.002	1.1	ND	109	70 - 130	
		Copper	1.11	0.01	1.1	ND	100	70 - 130	
		Lead	1.09	0.02	1.1	ND	99.3	70 - 130	
		Molybdenum	1.20	0.02	1.1	ND	109	70 - 130	
		Selenium	1.17	0.005	1.1	0.007	106	70 - 130	
		Uranium	1.12	0.001	1.1	ND	102	70 - 130	
		Vanadium	1.16	0.02	1.1	ND	105	70 - 130	

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

Sample ID	RunNo: 70867	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106126-001EMSD	06/08/11 22:02	Arsenic	1.19	0.005	1.19	0.192	107	20	
		Barium	1.1	0.5	1.1	1.71	100	20	
		Cadmium	1.19	0.002	1.20	0.709	108	20	
		Copper	1.09	0.01	1.11	1.52	98.6	20	
		Lead	1.07	0.02	1.09	2.45	96.9	20	
		Molybdenum	1.19	0.02	1.20	0.366	108	20	
		Selenium	1.15	0.005	1.17	1.46	104	20	
		Uranium	1.13	0.001	1.12	0.249	102	20	
		Vanadium	1.17	0.02	1.16	0.609	106	20	

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

Sample ID	RunNo: 70867	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001ED	06/08/11 21:54	Arsenic	ND	0.005	ND	0		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	ND	0.02	ND	0		20	
		Selenium	0.007	0.005	0.007	0.977		20	
		Uranium	ND	0.001	ND	0		20	
		Vanadium	ND	0.02	ND	0		20	

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### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Fluoride by SM 4500**

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/08/11 16:57	Fluoride	ND	0.1					

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/08/11 16:50	Fluoride	2.9	0.1	2.71		106	90 - 110	

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106146-1SPK	06/09/11 0:18	Fluoride	2.0	0.1	2.5	ND	81.5	80 - 120	

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001B	06/08/11 17:54	Fluoride	ND	0.1	ND	0		20	

**Gross Alpha, Beta by SM 7110B**

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

Sample ID	RunNo: 71282	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-170	06/20/11 10:27	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 71282	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-170	06/20/11 10:27	Gross Alpha (Dissolved)	82	2	73.6		111	76.7 - 133	
		Gross Beta (Dissolved)	139	3	126		110	76.7 - 133	

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

Sample ID	RunNo: 71282	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106053-001GMS	06/20/11 10:27	Gross Alpha (Dissolved)	67	2	73.6	ND	91.3	47.8 - 153	
		Gross Beta (Dissolved)	147	3	126	ND	117	47.8 - 153	

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

Sample ID	RunNo: 71282	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106022-001GDUP	06/20/11 10:27	Gross Alpha (Dissolved)	73	2	72	1.16		20	
		Gross Beta (Dissolved)	22	4	19	18.4		20	

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  - E Value above quantitation range
  - J Analyte detected below quantitation limits
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  - R RPD outside accepted recovery limits



### ANALYTICAL QC SUMMARY REPORT

**CLIENT:** AUC LLC  
**Work Order:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Anions by ION Chromatography**

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

Sample ID	RunNo: 70922	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	06/09/11 10:13	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 70922	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	06/09/11 9:50	Chloride	30	1	30		99.3	90 - 110	
		Sulfate	142	1	150		94.4	90 - 110	

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

Sample ID	RunNo: 70922	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106128-001BSPK	06/10/11 0:18	Chloride	46	1	30	12	113	80 - 120	
		Sulfate	219	1	240	ND	91.0	80 - 120	

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

Sample ID	RunNo: 70922	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106138-003A	06/09/11 21:14	Chloride	63	1	66	4.78		20	
		Sulfate	ND	1	4	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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

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

Sample ID	RunNo: 70906	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/09/11 10:43	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 70906	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CAT LCS IML3	06/09/11 10:47	Calcium	40	1	40		100	85 - 115	
		Magnesium	40	1	40		99.0	85 - 115	
		Potassium	41	1	40		102	85 - 115	
		Sodium	41	1	40		101	85 - 115	

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

Sample ID	RunNo: 70906	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106142-003AS	06/09/11 11:16	Calcium	36	1	25	8	108	70 - 130	
		Magnesium	30	1	25	2	112	70 - 130	
		Potassium	30	1	25	1	116	70 - 130	
		Sodium	32	1	25	5	109	70 - 130	

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

Sample ID	RunNo: 70906	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106142-003ASD	06/09/11 11:18	Calcium	36	1	36	1.97	111	20	
		Magnesium	31	1	30	2.92	116	20	
		Potassium	31	1	30	1.80	119	20	
		Sodium	32	1	32	1.75	111	20	

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

Sample ID	RunNo: 70906	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106142-002AD	06/09/11 11:11	Calcium	36	1	36	0.266		20	
		Magnesium	3	1	3	0.377		20	
		Potassium	ND	1	ND	0		20	
		Sodium	5	1	5	1.55		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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Nitrogen, Ammonia (as N)**

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

Sample ID	RunNo: 71098	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/15/11 11:25	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 71098	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	06/15/11 11:27	Nitrogen, Ammonia (As N)	9.6	0.1	8.93		108	90 - 110	

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

Sample ID	RunNo: 71098	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106146-003B	06/15/11 11:58	Nitrogen, Ammonia (As N)	11.6	0.1	10	ND	116	80 - 120	

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

Sample ID	RunNo: 71098	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106146-003B	06/15/11 11:57	Nitrogen, Ammonia (As N)	ND	0.1	ND	0		20	

**Nitrogen, Nitrate-Nitrite (as N)**

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

Sample ID	RunNo: 71151	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	06/16/11 13:46	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 71151	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	06/16/11 13:48	Nitrogen, Nitrate-Nitrite (as N)	8.4	0.1	7.69		109	90 - 110	

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

Sample ID	RunNo: 71151	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106148-001B	06/16/11 14:04	Nitrogen, Nitrate-Nitrite (as N)	11.2	0.05	10	ND	112	80 - 120	

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

Sample ID	RunNo: 71151	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106148-001B	06/16/11 14:03	Nitrogen, Nitrate-Nitrite (as N)	ND	0.05	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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

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

Sample ID	RunNo: 71420	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-164	06/22/11 16:41	Lead 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 71421	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-164	06/22/11 11:21	Polonium 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 71684	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-164	06/24/11 10:09	Lead 210 (Suspended)	ND	1					
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Sample ID	RunNo: 71691	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-164	06/23/11 17:27	Polonium 210 (Suspended)	ND	1					
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Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 71420	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-164	06/22/11 16:41	Lead 210 (Dissolved)	13	1	13		102	67.6 - 131	
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Sample ID	RunNo: 71421	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-164 PO	06/22/11 11:21	Polonium 210 (Dissolved)	5	1	4.23		115	67.6 - 131	
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Sample ID	RunNo: 71684	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-164	06/24/11 10:09	Lead 210 (Suspended)	14	1	13		105	67.6 - 131	
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Sample ID	RunNo: 71691	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-164 PO	06/23/11 17:27	Polonium 210 (Suspended)	5	1	4.21		109	67.6 - 131	
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Sample Type **MS** Units: pCi/L

Sample ID	RunNo: 71420	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106089-001GMS	06/22/11 16:41	Lead 210 (Dissolved)	14	1	13	1	96.5	66 - 133	
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Sample ID	RunNo: 71421	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106089-001GMS	06/22/11 11:21	Polonium 210 (Dissolved)	8	1	13	ND	62.9	66 - 133	
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Sample ID	RunNo: 71684	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106126-001GMS	06/24/11 10:09	Lead 210 (Suspended)	13	1	13	ND	102	66 - 133	
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Sample ID	RunNo: 71691	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106126-001GMS	06/23/11 17:27	Polonium 210 (Suspended)	7	1	13	ND	50.8	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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Lead 210 and Polonium 210**

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

Sample ID	RunNo: 71420	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106127-001GDUP 06/22/11 16:41 Lead 210 (Dissolved) ND 1 ND 0 20

Sample ID	RunNo: 71421	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106127-001GDUP 06/22/11 11:21 Polonium 210 (Dissolved) ND 1 ND 0 20

Sample ID	RunNo: 71684	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106128-001GDUP 06/24/11 10:09 Lead 210 (Suspended) ND 1 ND 0 20

Sample ID	RunNo: 71691	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106128-001GDUP 06/23/11 17:27 Polonium 210 (Suspended) ND 1 ND 0 20

**Radium 228**

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

Sample ID	RunNo: 71876	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-180 07/05/11 15:16 Radium 228 (Dissolved) ND 1

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

Sample ID	RunNo: 71876	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-180 07/05/11 15:16 Radium 228 (Dissolved) 10 1 10.2 94.3 74.9 - 122

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

Sample ID	RunNo: 71876	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1106147-002AMS 07/05/11 15:16 Radium 228 (Dissolved) 14 1 10.2 1 126 48.4 - 167

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

Sample ID	RunNo: 71876	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106149-001ADUP 07/05/11 15:16 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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Radium 226 by SM 7500**

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

Sample ID	RunNo: 71275	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-165	06/20/11 17:31	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 71510	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-172A	06/24/11 11:48	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 71275	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-165	06/20/11 17:31	Radium 226 (Dissolved)	4.9	0.2	5		98.4	62.5 - 125	

Sample ID	RunNo: 71510	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-172A	06/24/11 11:48	Radium 226 (Suspended)	5.2	0.2	5		104	62.5 - 125	

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

Sample ID	RunNo: 71275	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106112-002AMS	06/20/11 17:31	Radium 226 (Dissolved)	3.3	0.2	5	0.3	61.1	41.6 - 146	

Sample ID	RunNo: 71510	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106159-001FMS	06/24/11 11:48	Radium 226 (Suspended)	5.2	0.2	5	ND	104	41.6 - 146	

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

Sample ID	RunNo: 71275	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106112-001ADUP	06/20/11 17:31	Radium 226 (Dissolved)	1.6	0.2	1.8	11.0		20	

Sample ID	RunNo: 71510	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106157-003EDUP	06/24/11 11:48	Radium 226 (Suspended)	ND	0.2	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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Thorium 230 in Water**

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

Sample ID	RunNo: 71277	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-165	06/21/11 8:16	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 71452	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-165	06/22/11 12:46	Thorium 230 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 71277	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-165	06/21/11 8:16	Thorium 230 (Dissolved)	13	0.2	12		106	67.1 - 134	

Sample ID	RunNo: 71452	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-165	06/22/11 12:46	Thorium 230 (Suspended)	13	0.2	12		103	67.1 - 134	

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

Sample ID	RunNo: 71277	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106128-001GDUP	06/20/11 8:17	Thorium 230 (Dissolved)	ND	0.2	ND	0		20	

**Radon 222 by SM7500-RN**

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

Sample ID	RunNo: 71508	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R71508	06/08/11 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 71508	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R71508	06/08/11 0:00	Radon-222	24600	100	22500		109	75 - 125	L

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

Sample ID	RunNo: 71508	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001B	06/08/11 0:00	Radon-222	170	50	210	19.9		20	L

- 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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Silica as SiO2**

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

Sample ID	RunNo: 70911	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/09/11 10:43	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 70911	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	06/09/11 10:45	Silica as SiO2	2.3	0.1	2.14		109	85 - 115	

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

Sample ID	RunNo: 70911	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106142-002BD	06/09/11 11:11	Silica as SiO2	25.9	0.1	25.9	0.126		20	

**Solids By SM 2540**

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

Sample ID	RunNo: 71092	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	06/10/11 9:10	Total Dissolved Solids (180)	ND	10					

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

Sample ID	RunNo: 71092	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CONTROL	06/10/11 9:15	Total Dissolved Solids (180)	230	10	226		103	90 - 110	

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

Sample ID	RunNo: 71092	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106132-001A	06/10/11 9:40	Total Dissolved Solids (180)	1580	10	1560	1.03		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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

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

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

Sample ID	RunNo: 70954	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 6/10 TOT -5193	06/10/11 18:11	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 70954	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 6/10 TOT -5193	06/10/11 18:13	Iron	0.49	0.05	0.5		97.7	85 - 115	
		Manganese	0.20	0.02	0.2		98.4	85 - 115	

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

Sample ID	RunNo: 70954	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106127-001FS	06/10/11 18:30	Iron	0.88	0.05	0.5	0.40	96.4	70 - 130	
		Manganese	0.54	0.02	0.2	0.34	99.8	70 - 130	

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

Sample ID	RunNo: 70954	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106127-001FSD	06/10/11 18:32	Iron	0.88	0.05	0.88	0.0567	96.5	20	
		Manganese	0.54	0.02	0.54	0.313	101	20	

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

Sample ID	RunNo: 70954	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001FD	06/10/11 18:18	Iron	3.35	0.05	3.43	2.23		20	
		Manganese	0.58	0.02	0.59	1.99		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:** S1106126  
**Project:** Reno Creek Project

**Date:** 7/20/2011  
**Report ID:** S1106126001

**Suspended Natural Uranium**

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

Sample ID	RunNo: 71000	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
INIT CAL BLANK	06/13/11 14:16	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 71000	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	06/13/11 14:24	Uranium Suspended	0.107	0.0003	0.1		107	85 - 115	

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

Sample ID	RunNo: 71000	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106089-001HS	06/13/11 17:42	Uranium Suspended	1.21	0.0003	1.1	0.0004	110	70 - 130	

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

Sample ID	RunNo: 71000	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106089-001HMSD	06/13/11 17:46	Uranium Suspended	1.20	0.0003	1.21	1.50	109	20	

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

Sample ID	RunNo: 71000	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106089-001HD	06/13/11 17:38	Uranium Suspended	ND	0.0003	0.0004	0		20	

**pH Water**

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/08/11 16:50	pH	8.7	0.1	8.63		101	90 - 110	

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

Sample ID	RunNo: 70884	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106126-001B	06/08/11 17:54	pH	7.7	0.1	7.7	0.0866		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



**Inter-Mountain Labs**  
Sheridan, WY and Gillette, WY  
1873 Terra Ave  
Sheridan, WY 82801  
(307) 672-8945

This is a LEGAL DOCUMENT. All shaded fields must be completed. See reverse for instructions. #RC 08284

- CHAIN OF CUSTODY RECORD -

Rev 4.5

Client Name	AUC LLC	Project Identification	Reno Creek Project	Sampler (Signature/Printed)	<i>Tracey Nickerson</i>							Telephone #	
Report Address	pcavendor@auc-llc.com; nickerson@treccorp.com; jshriver@treccorp.com	Contact Name	<i>Tracey Nickerson</i>	Signature/Printed	<i>Tracey Nickerson</i>								
Invoice Address	AUC LLC <i>951 W. Birch St. Ste 395</i> <i>Casper WY 82401</i>	Email	<i>nickerson@treccorp.com</i>	Signature/Printed	<i>Tracey Nickerson</i>								
		Phone	<i>307-265-0696</i>	Signature/Printed	<i>Tracey Nickerson</i>								
		Purchase Order #		Signature/Printed	<i>Tracey Nickerson</i>								
		Quote #		Signature/Printed	<i>Tracey Nickerson</i>								

ITEM	LAB ID	DATE	TIME	SAMPLE IDENTIFICATION	Matrix	# of Containers	ANALYSES & PARAMETERS	REMARKS
1	51106126-001	6/7/11	8:35	SMS-003-110607	W	13	X	Groundwater
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

LAB COMMENTS	Relinquished By (Signature/Printed)		DATE	TIME	Received By (Signature/Printed)	DATE	TIME
	<i>Tracey Nickerson</i>		6/7/11	15:30	<i>Tracey Nickerson</i>	6-8-11	11:43

SHIPPING INFO	MATRIX CODES	TURNAROUND TIMES	COMPLIANCE INFORMATION	ADDITIONAL REMARKS
<input type="checkbox"/> UPS <input type="checkbox"/> Fed Express <input type="checkbox"/> US Mail <input type="checkbox"/> Hand Carried <input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Solid <input type="checkbox"/> Trip Blank <input type="checkbox"/> Other	<input type="checkbox"/> Check desired service <input checked="" type="checkbox"/> Standard turnaround <input type="checkbox"/> RUSH - 5 Working Days <input type="checkbox"/> URGENT - < 2 Working Days Rush & Urgent Surcharges will be applied	Compliance Monitoring? <i>Y/N</i> Program (SDWA, NPDES,...) PWSID / Permit # Chlorinated? Sample Disposal: Lab <i>Y/N</i> Client	