



Tuesday, January 17, 2012

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

RE: Reno Creek Project
Orde

r No.: S1112300

Dear Phil Cavendor:

Inter-Mountain Laboratories received sample OM7-003-111215 on December 16, 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: 1/17/2012

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1112300

CASE NARRATIVE
Report ID: S1112300001

Sample OM7-003-111215 was received on December 16, 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

- S1112201-002 - Radiochemistry/Thorium 230 (Suspended) - RPD outside accepted recovery limits
- MB-R78558 - General Parameters/Radon-222 - Analyzed by a contract laboratory
- LCS-R78558 - General Parameters/Radon-222 - Analyzed by a contract laboratory
- S1112300-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
- LCS12-005 - Radiochemistry/Radium 228 (Dissolved) - Analyte detected in the associated Method Blank
- S1112367-004 - Radiochemistry/Radium 228 (Dissolved) - Analyte detected in the associated Method Blank
- S1112367-005 - Radiochemistry/Radium 228 (Dissolved) - Analyte detected in the associated Method Blank
- S1112334-003 - Anions/Fluoride - Spike Recovery outside accepted recovery limits (1)

(1) Spike failed due to possible matrix interference from the sample.

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
 1536 Cole Blvd
 Lakewood, CO 80401

ProjectName: Reno Creek Project
Lab ID: S1112300-001
ClientSample ID: OM7-003-111215
COC: RC 08157

Date Reported: 1/17/2012
Report ID: S1112300001

WorkOrder: S1112300
CollectionDate: 12/15/2011 1:15:00 PM
DateReceived: 12/16/2011 10:26:00 AM
FieldSampler: TN
Matrix: Water

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Field						
pH Reading 1	11.04	s.u.			Field	12/15/2011 1:15:00 PM
pH Reading 2	11.03	s.u.			Field	12/15/2011 1:15:00 PM
pH Reading 3	11.04	s.u.			Field	12/15/2011 1:15:00 PM
Conductivity Reading 1	1678	µmhos/cm			Field	12/15/2011 1:15:00 PM
Conductivity Reading 2	1674	µmhos/cm			Field	12/15/2011 1:15:00 PM
Conductivity Reading 3	1675	µmhos/cm			Field	12/15/2011 1:15:00 PM
Turbidity Reading 1	3.2	NTU			Field	12/15/2011 1:15:00 PM
Turbidity Reading 2	3.3	NTU			Field	12/15/2011 1:15:00 PM
Turbidity Reading 3	3.0	NTU			Field	12/15/2011 1:15:00 PM
Dissolved Oxygen Reading 1	3.06	mg/L			Field	12/15/2011 1:15:00 PM
Dissolved Oxygen Reading 2	3.08	mg/L			Field	12/15/2011 1:15:00 PM
Dissolved Oxygen Reading 3	3.15	mg/L			Field	12/15/2011 1:15:00 PM
Temperature Reading 1	8.67	°C			Field	12/15/2011 1:15:00 PM
Temperature Reading 2	8.77	°C			Field	12/15/2011 1:15:00 PM
Temperature Reading 3	8.73	°C			Field	12/15/2011 1:15:00 PM
Oxygen Reduction Potential Reading	-18.0	mV			Field	12/15/2011 1:15:00 PM
Oxygen Reduction Potential Reading	-28.3	mV			Field	12/15/2011 1:15:00 PM
Oxygen Reduction Potential Reading	-30.9	mV			Field	12/15/2011 1:15:00 PM
Purge Rate Reading 1	210	ml/min			Field	12/15/2011 1:15:00 PM
Purge Rate Reading 2	210	ml/min			Field	12/15/2011 1:15:00 PM
Purge Rate Reading 3	210	ml/min			Field	12/15/2011 1:15:00 PM
Water Level Reading 1	129.40	Ft			Field	12/15/2011 1:15:00 PM
Water Level Reading 2	129.58	Ft			Field	12/15/2011 1:15:00 PM
Water Level Reading 3	129.67	Ft			Field	12/15/2011 1:15:00 PM

These results apply only to the samples tested.

RL - Reporting Limit

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value exceeds Maximum Contaminant Level | B Analyte detected in the associated Method Blank |
| | C Calculated Value | 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 |
| | S Spike Recovery 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 1/17/2012
Report ID S1112300001

ProjectName: Reno Creek Project
Lab ID: S1112300-001
ClientSample ID: OM7-003-111215
COC: RC 08157

WorkOrder: S1112300
CollectionDate: 12/15/2011 1:15:00 PM
DateReceived: 12/16/2011 10:26:00 AM
FieldSampler: TN
Matrix: Water

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Anions/Cations							
Alkalinity, Total (As CaCO3)	30	mg/L		5	SM 2320B	12/19/2011 8:36:39 PM	MEL
Alkalinity, Bicarbonate as HCO3	11	mg/L		5	SM 2320B	12/19/2011 8:36:39 PM	MEL
Alkalinity, Carbonate as CO3	12	mg/L		5	SM 2320B	12/19/2011 8:36:39 PM	MEL
Chloride	5	mg/L		1	EPA 300.0	12/17/2011 9:54:00 AM	AMB
Fluoride	0.2	mg/L		0.1	SM 4500FC	12/21/2011 1:02:50 PM	MEL
Nitrogen, Nitrate-Nitrite (as N)	ND	mg/L		0.1	EPA 353.2	12/20/2011 5:13:00 PM	MB
Sulfate	768	mg/L		1	EPA 300.0	12/17/2011 9:54:00 AM	AMB
Calcium	110	mg/L		1	EPA 200.7	12/19/2011 1:36:56 PM	AB
Magnesium	5	mg/L		1	EPA 200.7	12/19/2011 1:36:56 PM	AB
Potassium	37	mg/L		1	EPA 200.7	12/19/2011 1:36:56 PM	AB
Sodium	254	mg/L		1	EPA 200.7	12/19/2011 1:36:56 PM	AB
Nitrogen, Ammonia (As N)	0.9	mg/L		0.1	EPA 350.1	12/19/2011 11:52:00 AM	MB
Silica as SiO2	3	mg/L		1	EPA 200.7	12/19/2011 1:36:56 PM	AB
General Parameters							
pH	9.5	s.u.		0.1	SM 4500 H B	12/19/2011 8:36:39 PM	MEL
Electrical Conductivity	1470	µmhos/cm		5	SM 2510B	12/19/2011 8:36:39 PM	MEL
Total Dissolved Solids (180)	1170	mg/L		10	SM 2540	12/19/2011 9:30:00 AM	ARF
Data Quality							
Cation Sum	17.88	meq/L		0.01	SM 1030E	12/29/2011 11:19:22 AM	LJK
Anion Sum	16.71	meq/L		0.01	SM 1030E	12/29/2011 11:19:22 AM	LJK
Cation-Anion Balance (± 5%)	3.39	%		0.01	SM 1030E	12/29/2011 11:19:22 AM	LJK
Solids, Total Dissolved (Calc)	1200	mg/L		10	SM 1030E	12/29/2011 11:19:22 AM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)	0.98	dec. %		0.01	Calculation	12/29/2011 11:27:35 AM	LJK

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
ProjectName: Reno Creek Project
Lab ID: S1112300-001
ClientSample ID: OM7-003-111215
COC: RC 08157

Date Reported 1/17/2012
Report ID S1112300001
WorkOrder: S1112300
CollectionDate: 12/15/2011 1:15:00 PM
DateReceived: 12/16/2011 10:26:00 AM
FieldSampler: TN
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Metals - Dissolved (Aluminum, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Uranium, Vanadium, Zinc) and Metals - Suspended (Uranium) and Metals - Total (Iron, Manganese).

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



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1112300-001
ClientSample ID: OM7-003-111215
COC: RC 08157

Date Reported 1/17/2012
Report ID S1112300001
WorkOrder: S1112300
CollectionDate: 12/15/2011 1:15:00 PM
DateReceived: 12/16/2011 10:26:00 AM
FieldSampler: TN
Matrix: Water

Comments

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 radionuclides section includes Radon 222.

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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Alkalinity

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

Sample ID	RunNo: 78064	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	12/19/11 15:44	Alkalinity, Total (As CaCO3)	ND	5					

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

Sample ID	RunNo: 78064	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	12/19/11 15:35	Alkalinity, Total (As CaCO3)	584	5	601		97.2	90 - 110	

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

Sample ID	RunNo: 78064	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112310-007AD	12/19/11 19:53	Alkalinity, Bicarbonate as HCO3	511	5	512	0.202		20	
		Alkalinity, Carbonate as CO3	ND	5	ND			20	
		Alkalinity, Total (As CaCO3)	418	5	419	0.202		20	

Conductivity

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 78064	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	12/19/11 15:44	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 78064	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	12/19/11 15:35	Electrical Conductivity	1070	5	1120		95.3	90 - 110	

Sample Type **DUP** Units: µmhos/cm

Sample ID	RunNo: 78064	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112310-007AD	12/19/11 19:53	Electrical Conductivity	3630	5	3630	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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Dissolved Mercury by EPA 245.1 - Water

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

Sample ID	RunNo: 78081	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	12/20/11 8:42	Mercury	ND	0.001					

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

Sample ID	RunNo: 78081	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	12/20/11 8:40	Mercury	0.002	0.001	0.002		96.1	85 - 115	

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

Sample ID	RunNo: 78081	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112298-001D	12/20/11 9:34	Mercury	0.002	0.001	0.00244	ND	92.0	70 - 130	

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

Sample ID	RunNo: 78081	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112298-001D	12/20/11 9:36	Mercury	0.002	0.001	0.002	2.54		20	

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

Sample ID	RunNo: 78081	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112298-001D	12/20/11 9:32	Mercury	ND	0.001	ND			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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

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

Sample ID	RunNo: 78058	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	12/19/11 12:24	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: 78058	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	12/19/11 12:27	Aluminum	1.1	0.1	1		106	85 - 115	
		Boron	1.0	0.1	1		101	85 - 115	
		Chromium	1.05	0.01	1		105	85 - 115	
		Iron	1.05	0.05	1		105	85 - 115	
		Manganese	1.06	0.02	1		106	85 - 115	
		Nickel	1.06	0.01	1		106	85 - 115	
		Zinc	1.08	0.01	1		108	85 - 115	

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

Sample ID	RunNo: 78058	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112310-006CS	12/19/11 13:55	Aluminum	1.0	0.1	1	ND	101	70 - 130	
		Boron	1.1	0.1	1	0.1	102	70 - 130	
		Chromium	1.05	0.01	1	ND	105	70 - 130	
		Iron	1.86	0.05	1	0.97	89.2	70 - 130	
		Manganese	1.88	0.02	1	0.97	91.1	70 - 130	
		Nickel	1.00	0.01	1	ND	100	70 - 130	
		Zinc	1.04	0.01	1	ND	104	70 - 130	

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

Sample ID	RunNo: 78058	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112310-006CSD	12/19/11 14:03	Aluminum	1.0	0.1	1.0	0.641		20	
		Boron	1.1	0.1	1.1	0.465		20	
		Chromium	1.04	0.01	1.05	0.846		20	
		Iron	1.83	0.05	1.86	1.74		20	
		Manganese	1.84	0.02	1.88	1.88		20	
		Nickel	0.99	0.01	1.00	1.04		20	
		Zinc	1.03	0.01	1.04	0.539		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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Dissolved Metals by ICP - EPA 200.7 - WaterSample Type **DUP** Units: mg/L

Sample ID	RunNo: 78058	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112310-005CD	12/19/11 13:50	Aluminum	ND	0.1	ND			20	
		Boron	ND	0.1	ND			20	
		Chromium	ND	0.01	ND			20	
		Iron	ND	0.05	ND			20	
		Manganese	0.16	0.02	0.16	0.960		20	
		Nickel	ND	0.01	ND			20	
		Zinc	ND	0.01	ND			20	

Dissolved Metals by ICPMS EPA 200.8 - WaterSample Type **MBLK** Units: mg/L

Sample ID	RunNo: 77998	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	12/16/11 11:00	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: 77998	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	12/16/11 10:56	Arsenic	0.100	0.005	0.1		100	85 - 115	
		Barium	ND	0.5	0.1		98.6	85 - 115	
		Cadmium	0.101	0.002	0.1		101	85 - 115	
		Copper	0.10	0.01	0.1		100	85 - 115	
		Lead	0.10	0.02	0.1		99.0	85 - 115	
		Molybdenum	0.10	0.02	0.1		99.9	85 - 115	
		Selenium	0.102	0.005	0.1		102	85 - 115	
		Uranium	0.098	0.001	0.1		97.5	85 - 115	
		Vanadium	0.10	0.02	0.1		102	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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 77998	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112297-001DS	12/16/11 12:01	Arsenic	1.15	0.005	1.1	0.017	103	70 - 130	
		Barium	1.2	0.5	1.1	ND	102	70 - 130	
		Cadmium	1.11	0.002	1.1	ND	101	70 - 130	
		Copper	1.11	0.01	1.1	ND	101	70 - 130	
		Lead	1.05	0.02	1.1	ND	94.9	70 - 130	
		Molybdenum	1.12	0.02	1.1	ND	101	70 - 130	
		Selenium	1.15	0.005	1.1	ND	104	70 - 130	
		Uranium	1.09	0.001	1.1	ND	99.0	70 - 130	
		Vanadium	1.12	0.02	1.1	ND	102	70 - 130	

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

Sample ID	RunNo: 77998	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112297-001DMSD	12/16/11 12:05	Arsenic	1.14	0.005	1.15	0.343		20	
		Barium	1.2	0.5	1.2	0.788		20	
		Cadmium	1.11	0.002	1.11	0.359		20	
		Copper	1.10	0.01	1.11	0.762		20	
		Lead	1.02	0.02	1.05	2.79		20	
		Molybdenum	1.13	0.02	1.12	1.02		20	
		Selenium	1.14	0.005	1.15	0.525		20	
		Uranium	1.08	0.001	1.09	0.693		20	
		Vanadium	1.14	0.02	1.12	1.79		20	

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

Sample ID	RunNo: 77998	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112297-001DD	12/16/11 11:57	Arsenic	0.018	0.005	0.017	3.35		20	
		Barium	ND	0.5	ND			20	
		Cadmium	ND	0.002	ND			20	
		Copper	ND	0.01	ND			20	
		Lead	ND	0.02	ND			20	
		Molybdenum	ND	0.02	ND			20	
		Selenium	ND	0.005	ND			20	
		Uranium	ND	0.001	ND			20	
		Vanadium	ND	0.02	ND			20	

- Qualifiers:**
- B Analyte detected in the associated Method Blank
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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
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**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

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

Sample ID	RunNo: 78196	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	12/21/11 12:56	Fluoride	ND	0.1					

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

Sample ID	RunNo: 78196	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	12/21/11 12:00	Fluoride	2.8	0.1	2.96		95.5	90 - 110	

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

Sample ID	RunNo: 78196	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112334-003ASPK	12/21/11 15:10	Fluoride	4.0	0.1	2.5	2.0	78.8	80 - 120	S

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

Sample ID	RunNo: 78196	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112359-002AD	12/21/11 22:30	Fluoride	0.2	0.1	0.2	6.67		20	

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

Sample ID	RunNo: 78428	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-357	12/28/11 20:26	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 78428	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-357	12/28/11 20:26	Gross Alpha (Dissolved)	85	2	73.6		116	83 - 133	
		Gross Beta (Dissolved)	134	3	126		106	88 - 115	

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

Sample ID	RunNo: 78428	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112201-001FMS	12/28/11 20:26	Gross Alpha (Dissolved)	105	2	73.6	47	78.9	48 - 153	
		Gross Beta (Dissolved)	161	3	126	22	110	60 - 140	

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

Sample ID	RunNo: 78428	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112201-002FDUP	12/28/11 20:26	Gross Alpha (Dissolved)	27	2	30	7.47		20	
		Gross Beta (Dissolved)	14	3	13	5.44		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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Anions by ION Chromatography

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

Sample ID	RunNo: 78010	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	12/16/11 14:13	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 78010	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	12/16/11 13:45	Chloride	30	1	30		98.6	90 - 110	
		Sulfate	137	1	150		91.1	90 - 110	

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

Sample ID	RunNo: 78010	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112287-001ASPK	12/17/11 10:37	Chloride	40	1	30	8	107	80 - 120	
		Sulfate	483	1	240	211	113	80 - 120	

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

Sample ID	RunNo: 78010	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112287-001A	12/17/11 10:23	Chloride	8	1	8	2.24		20	
		Sulfate	208	1	211	1.78		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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	12/19/11 12:24	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CAT LCS IML3	12/19/11 12:29	Calcium	41	1	40		103	85 - 115	
		Magnesium	40	1	40		100	85 - 115	
		Potassium	41	1	40		102	85 - 115	
		Sodium	41	1	40		102	85 - 115	

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112310-006AS	12/19/11 13:55	Calcium	394	1	100	308	86.5	70 - 130	
		Magnesium	232	1	100	134	98.3	70 - 130	
		Potassium	137	1	100	11	126	70 - 130	
		Sodium	688	1	100	603	85.7	70 - 130	

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112310-006ASD	12/19/11 14:03	Calcium	393	1	394	0.442		20	
		Magnesium	234	1	232	0.757		20	
		Potassium	137	1	137	0.118		20	
		Sodium	684	1	688	0.662		20	

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112310-005AD	12/19/11 13:50	Calcium	22	1	22	1.50		20	
		Magnesium	9	1	9	2.02		20	
		Potassium	5	1	5	1.56		20	
		Sodium	157	1	159	1.28		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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Nitrogen, Ammonia (as N)

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

Sample ID	RunNo: 78028	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	12/19/11 11:22	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 78028	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	12/19/11 11:24	Nitrogen, Ammonia (As N)	9.3	0.1	10		92.5	90 - 110	

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

Sample ID	RunNo: 78028	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112310-002B	12/19/11 11:56	Nitrogen, Ammonia (As N)	10.4	0.1	10	0.4	100	80 - 120	

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

Sample ID	RunNo: 78028	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112310-002B	12/19/11 11:55	Nitrogen, Ammonia (As N)	0.4	0.1	0.4	5.11		20	

Nitrogen, Nitrate-Nitrite (as N)

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

Sample ID	RunNo: 78106	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	12/20/11 15:36	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 78106	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	12/20/11 15:33	Nitrogen, Nitrate-Nitrite (as N)	2.3	0.1	2.31		98.6	90 - 110	

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

Sample ID	RunNo: 78106	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112317-001B	12/20/11 17:03	Nitrogen, Nitrate-Nitrite (as N)	8.7	0.1	10	ND	87.3	80 - 120	

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

Sample ID	RunNo: 78106	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112317-001B	12/20/11 17:02	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1	ND			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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

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

Sample ID	RunNo: 78334	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-354	12/28/11 16:22	Lead 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 78334	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-354	12/29/11 9:59	Lead 210 (Suspended)	ND	1					
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Sample ID	RunNo: 78335	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-354	12/27/11 13:30	Polonium 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 78335	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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DMB11-354	12/27/11 13:30	Polonium 210 (Suspended)	ND	1					
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Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 78334	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS1-354	12/28/11 9:24	Lead 210 (Dissolved)	13	1	12.8		104	67.6 - 131	
		Lead 210 (Suspended)	13	1	12.8		104	60.3 - 141	

Sample ID	RunNo: 78335	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-354	12/27/11 13:30	Polonium 210 (Dissolved)	13	1	12.8		100	35.1 - 175	
		Polonium 210 (Suspended)	13	1	12.8		100	48.6 - 156	

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

Sample ID	RunNo: 78334	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1112298-001FMS	12/28/11 9:24	Lead 210 (Dissolved)	13	1	12.8	ND	102	66 - 133	
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Sample ID	RunNo: 78335	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1112298-001FMS	12/27/11 13:30	Polonium 210 (Dissolved)	4	1	12.8	ND	27.8	20.9 - 160	
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Sample Type **DUP** Units: pCi/L

Sample ID	RunNo: 78334	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1112201-001FDUP	12/28/11 9:24	Lead 210 (Suspended)	4	1	4	8.63		20	
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Sample ID	RunNo: 78335	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1112201-001FDUP	12/27/11 13:30	Polonium 210 (Suspended)	ND	1	1			20	
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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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

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

Sample ID	RunNo: 78904	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-005	01/11/12 22:51	Radium 228 (Dissolved)	1	1					

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

Sample ID	RunNo: 78904	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-005	01/11/12 22:51	Radium 228 (Dissolved)	9	1	9.93		92.3	74.9 - 122	B

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

Sample ID	RunNo: 78904	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112367-004FMS	01/11/12 18:15	Radium 228 (Dissolved)	9	1	9.93	ND	93.4	48.4 - 167	B

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

Sample ID	RunNo: 78904	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112367-005FDUP	01/11/12 18:15	Radium 228 (Dissolved)	3	1	3	0.644		20	B

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

Sample ID	RunNo: 78324	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-355	12/27/11 13:16	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 78375	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-355	12/28/11 13:43	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 78324	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-355	12/27/11 13:16	Radium 226 (Dissolved)	5.0	0.2	5.06		98.8	62.5 - 125	

Sample ID	RunNo: 78375	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-355	12/28/11 13:43	Radium 226 (Suspended)	5.4	0.2	5.06		106	56.4 - 132	

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

Sample ID	RunNo: 78324	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112222-004DMS	12/27/11 13:16	Radium 226 (Dissolved)	5.1	0.2	5.06	ND	99.8	41.6 - 146	

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

Sample ID	RunNo: 78324	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112222-003DDUP	12/27/11 13:16	Radium 226 (Dissolved)	ND	0.2	ND			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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Thorium 230 in WaterSample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 78484	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-346	12/28/11 9:58	Thorium 230 (Dissolved)	ND	0.2					
		Thorium 230 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 78484	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-346	12/28/11 9:58	Thorium 230 (Dissolved)	13	0.2	12		107	67.1 - 134	
		Thorium 230 (Suspended)	13	0.2	12		107	69.2 - 127	

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

Sample ID	RunNo: 78484	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112201-002FDUP	12/28/11 9:58	Thorium 230 (Suspended)	0.7	0.2	0.5	51.2		20	R

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

Sample ID	RunNo: 78558	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R78558	12/16/11 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 78558	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R78558	12/16/11 0:00	Radon-222	23100	100	22500		103	75 - 125	L

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

Sample ID	RunNo: 78558	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112300-001A	12/17/11 0:00	Radon-222	60	50	70	5.88		20	L

Silica as SiO2Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 78059	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	12/19/11 12:24	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 78059	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	12/19/11 12:27	Silica as SiO2	2.3	0.1	2.14		108	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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

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

Sample ID	RunNo: 78187	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	12/19/11 9:02	Total Dissolved Solids (180)	ND	10					

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

Sample ID	RunNo: 78187	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CONTROL	12/19/11 9:03	Total Dissolved Solids (180)	210	10	226		92.0	90 - 110	

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

Sample ID	RunNo: 78187	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112311-001A	12/19/11 9:33	Total Dissolved Solids (180)	1650	10	1660	0.482		20	

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

Sample ID	RunNo: 78104	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-5705	12/20/11 17:13	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 78104	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-5705	12/20/11 17:16	Iron	0.51	0.05	0.5		103	85 - 115	
		Manganese	0.20	0.02	0.2		102	85 - 115	

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

Sample ID	RunNo: 78104	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112319-001CS	12/20/11 17:53	Iron	9.59	0.05	0.5	9.22	74.1	70 - 130	
		Manganese	1.96	0.02	0.2	1.77	95.6	70 - 130	

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

Sample ID	RunNo: 78104	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112319-001CMSD	12/20/11 17:56	Iron	8.77	0.05	9.59	8.62		20	
		Manganese	1.79	0.02	1.96	8.99		20	

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

Sample ID	RunNo: 78104	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112271-001ED	12/20/11 17:20	Iron	0.99	0.05	1.16	14.2		20	
		Manganese	0.19	0.02	0.20	1.53		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: S1112300
Project: Reno Creek Project

Date: 1/17/2012
Report ID: S1112300001

Suspended Natural Uranium

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

Sample ID	RunNo: 78097	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	12/20/11 12:42	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 78097	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	12/20/11 12:37	Uranium Suspended	0.0958	0.0003	0.1		95.8	85 - 115	

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

Sample ID	RunNo: 78097	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112271-001FS	12/20/11 13:02	Uranium Suspended	1.12	0.0003	1.1	ND	101	70 - 130	

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

Sample ID	RunNo: 78097	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112271-001FMSD	12/20/11 13:06	Uranium Suspended	1.08	0.0003	1.12	2.92		20	

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

Sample ID	RunNo: 78097	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112271-001FD	12/20/11 12:57	Uranium Suspended	ND	0.0003	ND			20	

pH Water

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

Sample ID	RunNo: 78064	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	12/19/11 15:35	pH	8.6	0.1	8.48		101	90 - 110	

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

Sample ID	RunNo: 78064	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112310-007AD	12/19/11 19:53	pH	7.9	0.1	7.8	0.204		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
 1673 Terra Ave. (307) 682-8945
 Sheridan, WY 82801 (307) 672-8945

- CHAIN OF CUSTODY RECORD -

This is a LEGAL DOCUMENT. All shaded fields must be completed. See reverse for instructions. #RC 08157

Client Name		Project Identification		Sampler (Signature/Printed)		Telephone #	
AUC LLC		Reno Creek Project		Yac: Nickerson			
Report Address		Contact Name		Email		Phone	
trickerson@treccorp.com; johniver@treccorp.com		Yac: Nickerson		trickerson@treccorp.com		307-265-0696	
Invoice Address		Purchase Order #		Quote #			
900 Warner Ct Ste 150							
Casper WY 82601							
ITEM	LAB ID (Lab Use Only)	DATE	TIME SAMPLED	SAMPLE IDENTIFICATION	Matrix	# of Containers	REMARKS
1							
2	5112300-004	12/15/11	13:15	OM7-003-11225	WT	13	X Groundwater
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
3.2	Yac: Nickerson	12/16/11	15:30	Kathy Boye	12.16.11	10:26

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	Water <input checked="" type="checkbox"/> WT Soil <input type="checkbox"/> SL Solid <input type="checkbox"/> SD Trip Blank <input type="checkbox"/> TB Other <input type="checkbox"/> OT	<input checked="" type="checkbox"/> Check desired service <input 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? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Program (SDWA, NPDES,...) PWSID / Permit # Chlorinated? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sample Disposal: Lab <input checked="" type="checkbox"/> Client	