



Thursday, February 09, 2012

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

RE: Reno Creek Project
Orde

r No.: S1201119

Dear Phil Cavendor:

Inter-Mountain Laboratories received sample SM3-004-120110 on January 10, 2012.

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: 2/9/2012

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1201119

CASE NARRATIVE
Report ID: S1201119001

Sample SM3-004-120110 was received on January 10, 2012.

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

S1201120-001 - Radiochemistry/Radium 226 (Dissolved) - RPD outside accepted recovery limits
S1201119-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
LCS-R79248 - General Parameters/Radon-222 - Analyzed by a contract laboratory
MB-R79248 - 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
ProjectName: Reno Creek Project
Lab ID: S1201119-001
ClientSample ID: SM3-004-120110
COC: RC 08163

Date Reported 2/9/2012
Report ID S1201119001
WorkOrder: S1201119
CollectionDate: 1/10/2012 12:00:00 PM
DateReceived: 1/10/2012 4:43:00 PM
FieldSampler: TN
Matrix: Water

Comments

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

ProjectName: Reno Creek Project
Lab ID: S1201119-001
ClientSample ID: SM3-004-120110
COC: RC 08163

Date Reported: 2/9/2012
Report ID: S1201119001

WorkOrder: S1201119
CollectionDate: 1/10/2012 12:00:00 PM
DateReceived: 1/10/2012 4:43:00 PM
FieldSampler: TN
Matrix: Water

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Metals - Dissolved						
Aluminum	ND	mg/L		0.1	EPA 200.7	1/12/2012 1:31:41 PM DG
Arsenic	0.009	mg/L		0.001	EPA 200.8	1/11/2012 6:34:45 PM MS
Barium	ND	mg/L		0.1	EPA 200.8	1/11/2012 6:34:45 PM MS
Boron	ND	mg/L		0.1	EPA 200.7	1/12/2012 1:31:41 PM DG
Cadmium	ND	mg/L		0.001	EPA 200.8	1/11/2012 6:34:45 PM MS
Chromium	ND	mg/L		0.01	EPA 200.7	1/12/2012 1:31:41 PM DG
Copper	ND	mg/L		0.01	EPA 200.8	1/11/2012 6:34:45 PM MS
Iron	0.27	mg/L		0.05	EPA 200.7	1/12/2012 1:31:41 PM DG
Lead	ND	mg/L		0.01	EPA 200.8	1/11/2012 6:34:45 PM MS
Manganese	0.16	mg/L		0.01	EPA 200.7	1/12/2012 1:31:41 PM DG
Mercury	ND	mg/L		0.001	EPA 245.1	1/18/2012 8:05:56 AM BK
Molybdenum	ND	mg/L		0.01	EPA 200.8	1/11/2012 6:34:45 PM MS
Nickel	ND	mg/L		0.05	EPA 200.7	1/12/2012 1:31:41 PM DG
Selenium	ND	mg/L		0.005	EPA 200.8	1/11/2012 6:34:45 PM MS
Uranium	0.0009	mg/L		0.0003	EPA 200.8	1/11/2012 6:34:45 PM MS
Vanadium	ND	mg/L		0.1	EPA 200.8	1/11/2012 6:34:45 PM MS
Zinc	ND	mg/L		0.01	EPA 200.7	1/12/2012 1:31:41 PM DG
Metals - Suspended						
Uranium	0.0005	mg/L		0.0003	EPA 200.8	1/19/2012 5:15:00 PM MS
Metals - Total						
Iron	0.28	mg/L		0.05	EPA 200.7	1/13/2012 3:35:42 PM DG
Manganese	0.15	mg/L		0.01	EPA 200.7	1/13/2012 3:35:42 PM DG

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	J Analyte detected below quantitation limits
H Holding times for preparation or analysis exceeded	M Value exceeds Monthly Ave or MCL	O Outside the Range of Dilutions
L Analyzed by a contract laboratory		
ND Not Detected at the Reporting Limit		
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
ProjectName: Reno Creek Project
Lab ID: S1201119-001
ClientSample ID: SM3-004-120110
COC: RC 08163

Date Reported 2/9/2012
Report ID S1201119001
WorkOrder: S1201119
CollectionDate: 1/10/2012 12:00:00 PM
DateReceived: 1/10/2012 4:43:00 PM
FieldSampler: TN
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init

Radionuclides - Dissolved

Table listing radionuclides (Gross Alpha, Gross Beta, Lead 210, Polonium 210, Radium 226, Radium 228, Thorium 230) with results, units, and methods.

Radionuclides - Suspended

Table listing suspended radionuclides (Lead 210, Polonium 210, Radium 226, Thorium 230) with results, units, and methods.

Radionuclides - Total

Table listing total radionuclides (Radon 222) with results, units, and methods.

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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Alkalinity

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	01/11/12 14:57	Alkalinity, Total (As CaCO3)	ND	5					

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	01/11/12 14:44	Alkalinity, Total (As CaCO3)	596	5	601		99.3	90 - 110	

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201120-001AD	01/12/12 0:10	Alkalinity, Bicarbonate as HCO3	286	5	281	1.70		20	
		Alkalinity, Carbonate as CO3	ND	5	ND			20	
		Alkalinity, Total (As CaCO3)	234	5	230	1.70		20	

Conductivity

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	01/11/12 14:57	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	01/11/12 14:44	Electrical Conductivity	1080	5	1120		95.9	90 - 110	

Sample Type **DUP** Units: µmhos/cm

Sample ID	RunNo: 78788	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201120-001AD	01/12/12 0:10	Electrical Conductivity	1140	5	1140	0		20	

- Qualifiers:**
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 - 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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Dissolved Mercury by EPA 245.1 - Water

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

Sample ID	RunNo: 79015	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	01/18/12 7:54	Mercury	ND	0.001					

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

Sample ID	RunNo: 79015	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	01/18/12 7:52	Mercury	0.002	0.001	0.002		101	85 - 115	

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

Sample ID	RunNo: 79015	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201118-001D	01/18/12 8:02	Mercury	0.002	0.001	0.00244	ND	95.9	70 - 130	

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

Sample ID	RunNo: 79015	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1201118-001D	01/18/12 8:04	Mercury	0.002	0.001	0.002	0.184		20	

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

Sample ID	RunNo: 79015	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201118-001D	01/18/12 8:00	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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

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

Sample ID	RunNo: 78842	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	01/12/12 13:17	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: 78842	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	01/12/12 13:20	Aluminum	1.0	0.1	1		100	85 - 115	
		Boron	1.0	0.1	1		101	85 - 115	
		Chromium	1.02	0.01	1		102	85 - 115	
		Iron	1.04	0.05	1		104	85 - 115	
		Manganese	1.03	0.02	1		103	85 - 115	
		Nickel	1.05	0.01	1		105	85 - 115	
		Zinc	1.08	0.01	1		108	85 - 115	

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

Sample ID	RunNo: 78842	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201134-002CS	01/12/12 13:47	Aluminum	0.6	0.1	0.5	ND	113	70 - 130	
		Boron	1.5	0.1	0.5	1.0	84.2	70 - 130	
		Chromium	0.51	0.01	0.5	ND	102	70 - 130	
		Iron	1.45	0.05	0.5	1.08	74.7	70 - 130	
		Manganese	0.61	0.02	0.5	0.13	95.1	70 - 130	
		Nickel	0.47	0.01	0.5	ND	94.1	70 - 130	
		Zinc	0.51	0.01	0.5	ND	99.5	70 - 130	

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

Sample ID	RunNo: 78842	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1201134-002CSD	01/12/12 13:50	Aluminum	0.6	0.1	0.6	0.850		20	
		Boron	1.5	0.1	1.5	0.0900		20	
		Chromium	0.50	0.01	0.51	1.30		20	
		Iron	1.44	0.05	1.45	0.956		20	
		Manganese	0.60	0.02	0.61	1.76		20	
		Nickel	0.46	0.01	0.47	2.08		20	
		Zinc	0.50	0.01	0.51	1.56		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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Dissolved Metals by ICP - EPA 200.7 - Water

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

Sample ID	RunNo: 78842	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201134-001CD	01/12/12 13:43	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	0.07	0.02	0.07	1.39		20	
		Nickel	ND	0.01	ND			20	
		Zinc	0.01	0.01	0.01	2.68		20	

Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 78781	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	01/11/12 13:32	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: 78781	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	01/11/12 13:28	Arsenic	0.099	0.005	0.1		98.9	85 - 115	
		Barium	ND	0.5	0.1		101	85 - 115	
		Cadmium	0.099	0.002	0.1		99.4	85 - 115	
		Copper	0.10	0.01	0.1		97.6	85 - 115	
		Lead	0.10	0.02	0.1		98.5	85 - 115	
		Molybdenum	0.10	0.02	0.1		99.4	85 - 115	
		Selenium	0.100	0.005	0.1		100	85 - 115	
		Uranium	0.098	0.001	0.1		97.5	85 - 115	
		Vanadium	0.10	0.02	0.1		99.0	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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

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

Sample ID	RunNo: 78781	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201118-001DS	01/11/12 18:26	Arsenic	1.14	0.005	1.1	0.013	102	70 - 130	
		Barium	1.2	0.5	1.1	ND	106	70 - 130	
		Cadmium	1.11	0.002	1.1	ND	101	70 - 130	
		Copper	1.04	0.01	1.1	ND	94.2	70 - 130	
		Lead	1.01	0.02	1.1	ND	92.0	70 - 130	
		Molybdenum	1.19	0.02	1.1	ND	106	70 - 130	
		Selenium	1.15	0.005	1.1	ND	104	70 - 130	
		Uranium	1.06	0.001	1.1	0.006	96.2	70 - 130	
		Vanadium	1.12	0.02	1.1	ND	101	70 - 130	

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

Sample ID	RunNo: 78781	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1201118-001DMSD	01/11/12 18:30	Arsenic	1.14	0.005	1.14	0.494		20	
		Barium	1.2	0.5	1.2	0.626		20	
		Cadmium	1.11	0.002	1.11	0.440		20	
		Copper	1.04	0.01	1.04	0.490		20	
		Lead	1.00	0.02	1.01	1.22		20	
		Molybdenum	1.19	0.02	1.19	0.0842		20	
		Selenium	1.15	0.005	1.15	0.0903		20	
		Uranium	1.06	0.001	1.06	0.286		20	
		Vanadium	1.14	0.02	1.12	1.68		20	

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

Sample ID	RunNo: 78781	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201118-001DD	01/11/12 18:22	Arsenic	0.013	0.005	0.013	1.68		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	0.006	0.001	0.006	3.17		20	
		Vanadium	ND	0.02	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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Fluoride by SM 4500

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	01/11/12 14:57	Fluoride	ND	0.1					

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	01/11/12 14:44	Fluoride	3.0	0.1	2.96		100	90 - 110	

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201115-020ASPK	01/11/12 18:51	Fluoride	2.6	0.1	2.5	0.1	98.9	80 - 120	

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201115-008AD	01/11/12 16:47	Fluoride	0.1	0.1	0.1	1.53		20	

Gross Alpha, Beta by SM 7110B

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

Sample ID	RunNo: 79122	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-017	01/19/12 19:15	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 79122	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-017	01/19/12 19:15	Gross Alpha (Dissolved)	87	2	73.6		118	83 - 133	
		Gross Beta (Dissolved)	133	3	126		106	88 - 115	

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

Sample ID	RunNo: 79122	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112201-001FMS	01/19/12 19:15	Gross Alpha (Dissolved)	113	2	73.6	45	92.7	48 - 153	
		Gross Beta (Dissolved)	153	3	126	19	106	60 - 140	

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

Sample ID	RunNo: 79122	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112201-002FDUP	01/19/12 19:15	Gross Alpha (Dissolved)	31	2	34	8.86		20	
		Gross Beta (Dissolved)	12	3	11	6.26		20	

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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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Anions by ION Chromatography

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

Sample ID	RunNo: 78846	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	01/12/12 8:56	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 78846	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	01/12/12 8:34	Chloride	31	1	30		103	90 - 110	
		Sulfate	147	1	150		97.9	90 - 110	

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

Sample ID	RunNo: 78846	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201120-001ASPK	01/12/12 14:04	Chloride	60	1	55	9	92.0	80 - 120	
		Sulfate	875	1	440	418	104	80 - 120	

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

Sample ID	RunNo: 78846	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201120-001A	01/12/12 13:53	Chloride	9	1	9	5.49		20	
		Sulfate	407	1	418	2.61		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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

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

Sample ID	RunNo: 78841	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	01/12/12 13:17	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 78841	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CAT LCS IML3	01/12/12 13:22	Calcium	40	1	40		98.6	85 - 115	
		Magnesium	39	1	40		97.5	85 - 115	
		Potassium	40	1	40		99.7	85 - 115	
		Sodium	39	1	40		98.5	85 - 115	

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

Sample ID	RunNo: 78841	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201137-003AS	01/12/12 14:17	Calcium	128	1	50	89	78.5	70 - 130	
		Magnesium	85	1	50	36	96.8	70 - 130	
		Potassium	57	1	50	3	107	70 - 130	
		Sodium	91	1	50	40	102	70 - 130	

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

Sample ID	RunNo: 78841	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1201137-003ASD	01/12/12 14:20	Calcium	128	1	128	0.394		20	
		Magnesium	84	1	85	0.695		20	
		Potassium	57	1	57	0.445		20	
		Sodium	91	1	91	0.214		20	

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

Sample ID	RunNo: 78841	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201137-002AD	01/12/12 14:13	Calcium	ND	1	ND			20	
		Magnesium	ND	1	ND			20	
		Potassium	ND	1	ND			20	
		Sodium	398	1	403	1.13		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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

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

Sample ID	RunNo: 78860	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	01/13/12 9:46	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 78860	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	01/13/12 9:48	Nitrogen, Ammonia (As N)	10.4	0.1	10		104	90 - 110	

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

Sample ID	RunNo: 78860	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201134-001B	01/13/12 10:18	Nitrogen, Ammonia (As N)	12.0	0.1	10	1.2	108	80 - 120	

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

Sample ID	RunNo: 78860	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201134-001B	01/13/12 10:17	Nitrogen, Ammonia (As N)	1.2	0.1	1.2	1.67		20	

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

Sample ID	RunNo: 78875	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	01/13/12 10:24	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 78875	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	01/13/12 10:26	Nitrogen, Nitrate-Nitrite (as N)	2.3	0.1	2.31		97.9	90 - 110	

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

Sample ID	RunNo: 78875	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201131-002D	01/13/12 13:12	Nitrogen, Nitrate-Nitrite (as N)	10.2	0.05	10	ND	102	80 - 120	

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

Sample ID	RunNo: 78875	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201131-002D	01/13/12 13:11	Nitrogen, Nitrate-Nitrite (as N)	ND	0.05	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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Lead 210 and Polonium 210

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

Sample ID	RunNo: 79330	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB12-017 01/24/12 12:00 Polonium 210 (Dissolved) ND 1

Sample ID	RunNo: 79331	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB12-017 01/24/12 14:55 Lead 210 (Dissolved) ND 1

Sample ID	RunNo: 79666	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB12-023 02/07/12 17:35 Polonium 210 (Suspended) ND 1

Sample ID	RunNo: 79667	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB12-023 02/06/12 16:25 Lead 210 (Suspended) ND 1

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

Sample ID	RunNo: 79330	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS12-017 PO 01/24/12 12:00 Polonium 210 (Dissolved) 2 1 1.41 156 35.1 - 175

Sample ID	RunNo: 79331	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS12-017 01/24/12 14:55 Lead 210 (Dissolved) 14 1 12.8 111 67.6 - 131

Sample ID	RunNo: 79666	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS12-023 02/07/12 17:35 Polonium 210 (Suspended) 18 1 12 149 48.6 - 156

Sample ID	RunNo: 79667	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS12-023 02/06/12 16:25 Lead 210 (Suspended) 13 1 12.8 101 60.3 - 141

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

Sample ID	RunNo: 79330	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1201122-001FMS 01/24/12 12:00 Polonium 210 (Dissolved) 11 1 12.4 ND 90.7 20.9 - 160

Sample ID	RunNo: 79331	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1201122-001FMS 01/24/12 14:55 Lead 210 (Dissolved) 14 1 12.8 ND 106 66 - 133

Sample ID	RunNo: 79666	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1201118-001FMS 02/07/12 17:35 Polonium 210 (Suspended) 8 1 12 ND 64.7 28 - 173

Sample ID	RunNo: 79667	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1201118-001FMS 02/06/12 16:25 Lead 210 (Suspended) 14 1 12.8 ND 111 62.4 - 132

- 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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Lead 210 and Polonium 210

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

Sample ID	RunNo: 79330	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1201141-001FDUP 01/24/12 12:00 Polonium 210 (Dissolved) ND 1 ND 20

Sample ID	RunNo: 79331	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1201141-001FDUP 01/24/12 14:55 Lead 210 (Dissolved) ND 1 ND 20

Sample ID	RunNo: 79666	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1201120-001FDUP 02/07/12 17:35 Polonium 210 (Suspended) ND 1 2 20

Sample ID	RunNo: 79667	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1201120-001FDUP 02/06/12 16:25 Lead 210 (Suspended) ND 1 1 20

Radium 228

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

Sample ID	RunNo: 79392	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB12-019 01/26/12 17:47 Radium 228 (Dissolved) ND 1

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

Sample ID	RunNo: 79392	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS12-019 01/26/12 17:47 Radium 228 (Dissolved) 9 1 9.88 93.6 74.9 - 122

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

Sample ID	RunNo: 79392	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1201120-001FMS 01/26/12 17:47 Radium 228 (Dissolved) 10 1 9.88 1 93.4 48.4 - 167

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

Sample ID	RunNo: 79392	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1201127-001FDUP 01/26/12 17:47 Total Radium 228 ND 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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Radium 226 by SM 7500

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

Sample ID	RunNo: 79131	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-016	01/19/12 14:42	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 79447	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-023	01/31/12 10:53	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 79131	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-016	01/19/12 14:42	Radium 226 (Dissolved)	5.4	0.2	5.06		106	62.5 - 125	

Sample ID	RunNo: 79447	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-023	01/31/12 10:53	Radium 226 (Suspended)	5.1	0.2	5.06		101	56.4 - 132	

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

Sample ID	RunNo: 79131	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201127-002FMS	01/19/12 14:42	Radium 226	5.5	0.2	5.06	ND	109	42.9 - 142	

Sample ID	RunNo: 79447	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201143-001FMS	01/31/12 14:23	Radium 226 (Suspended)	4.6	0.2	5.06	ND	91.7	51.4 - 135	

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

Sample ID	RunNo: 79131	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201120-001FDUP	01/19/12 14:42	Radium 226 (Dissolved)	0.7	0.2	0.5	28.3		20	R

Sample ID	RunNo: 79447	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201142-001FDUP	01/31/12 14:23	Radium 226 (Suspended)	ND	0.2	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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

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

Sample ID	RunNo: 79191	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-017	01/23/12 9:29	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 79510	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-023	01/27/12 8:12	Thorium 230 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 79191	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-017	01/23/12 9:29	Thorium 230 (Dissolved)	12	0.2	12		97.6	67.1 - 134	

Sample ID	RunNo: 79510	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-023	01/27/12 8:12	Thorium 230 (Suspended)	11	0.2	12		85.5	69.2 - 127	

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

Sample ID	RunNo: 79191	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201119-001F DUP	01/23/12 9:29	Thorium 230 (Dissolved)	ND	0.2	ND			20	

Sample ID	RunNo: 79510	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201121-001F	02/02/12 9:08	Thorium 230 (Suspended)	ND	0.2	0.2			20	

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

Sample ID	RunNo: 79248	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R79248	01/11/12 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 79248	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R79248	01/11/12 0:00	Radon-222	19900	100	22500		88.4	75 - 125	L

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

Sample ID	RunNo: 79248	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201119-001A	01/11/12 0:00	Radon-222	390	50	400	1.27		20	L

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

Sample ID	RunNo: 78844	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	01/12/12 13:17	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 78844	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	01/12/12 13:20	Silica as SiO2	2.2	0.1	2.14		101	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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

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

Sample ID	RunNo: 78901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	01/11/12 13:02	Total Dissolved Solids (180)	ND	10					

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

Sample ID	RunNo: 78901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CONTROL	01/11/12 13:03	Total Dissolved Solids (180)	210	10	226		92.0	90 - 110	

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

Sample ID	RunNo: 78901	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201122-001A	01/11/12 13:09	Total Dissolved Solids (180)	2270	10	2360	3.57		20	

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

Sample ID	RunNo: 78891	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-5772	01/13/12 15:14	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 78891	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-5772	01/13/12 15:17	Iron	0.50	0.05	0.5		99.4	85 - 115	
		Manganese	0.20	0.02	0.2		97.3	85 - 115	

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

Sample ID	RunNo: 78891	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201144-004CS	01/13/12 16:06	Iron	1.07	0.05	0.5	0.45	124	70 - 130	
		Manganese	0.47	0.02	0.2	0.22	123	70 - 130	

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

Sample ID	RunNo: 78891	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1201144-004CMSD	01/13/12 16:08	Iron	1.06	0.05	1.07	0.953		20	
		Manganese	0.47	0.02	0.47	0.0426		20	

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

Sample ID	RunNo: 78891	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201144-003CD	01/13/12 15:54	Iron	0.55	0.05	0.54	2.25		20	
		Manganese	0.19	0.02	0.19	0.0529		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: S1201119
Project: Reno Creek Project

Date: 2/9/2012
Report ID: S1201119001

Suspended Natural Uranium

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

Sample ID	RunNo: 79082	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	01/19/12 11:56	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 79082	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	01/19/12 11:51	Uranium Suspended	0.0952	0.0003	0.1		95.2	85 - 115	

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

Sample ID	RunNo: 79082	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1201118-001FS	01/19/12 17:05	Uranium Suspended	1.07	0.0003	1.1	0.0003	96.9	70 - 130	

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

Sample ID	RunNo: 79082	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1201118-001FMSD	01/19/12 17:10	Uranium Suspended	1.03	0.0003	1.07	3.14		20	

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

Sample ID	RunNo: 79082	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201118-001FD	01/19/12 17:00	Uranium Suspended	0.0003	0.0003	0.0003	6.14		20	

pH Water

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	01/11/12 14:44	pH	8.8	0.1	8.48		103	90 - 110	

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

Sample ID	RunNo: 78788	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1201120-001AD	01/12/12 0:10	pH	8.2	0.1	8.3	0.676		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

- CHAIN OF CUSTODY RECORD -

This is a **LEGAL DOCUMENT**. All shaded fields must be completed. See reverse for instructions. #RC 08163

Client Name AUC LLC		Project Identification Reno Creek Project		Sampler (Signature/Printed) <i>Traci Mickelson</i>		Telephone #	
Report Address peavendor@auc-llc.com; tmickerson@treecorp.com; jehriver@treecorp.com		Contact Name <i>Traci Mickelson</i>		ANALYSES / PARAMETERS		REMARKS	
Invoice Address AUC LLC 900 Wrenn Ct. Ste 150 Casper WY 82401		Purchase Order # <i>307-265-0696</i>		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)
LAB ID (Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SAMPLE IDENTIFICATION	Matrix	# of Containers	See Attached Table 5 (Soil)	See Attached Table 6 (WYDES Discharge)
						See Attached Table 7 (Blanks)	See Attached Table 8 (Blanks)
1							
2	<i>5/20/19-001</i>	<i>1/10/20</i>	<i>JM3-004-12010 WT B X</i>				
3							
4							
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13							
14							

LAB COMMENTS <i>2.2</i>	Relinquished By (Signature/Printed) <i>Traci Mickelson</i>	DATE <i>1/10/20</i>	TIME <i>1530</i>	Received By (Signature/Printed) <i>Alvin X. McNeil</i>	DATE <i>1/10/20</i>	TIME <i>1643</i>
				<i>Bothy Boip</i>	<i>1/11/20</i>	<i>9:40</i>

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 SL Solid SD Trip Blank TB Other 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	