



Monday, January 16, 2012

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

RE: Reno Creek Project
Orde

r No.: S1112299

Dear Phil Cavendor:

Inter-Mountain Laboratories received sample OM2-003-111215 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: 1/16/2012

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1112299

CASE NARRATIVE
Report ID: S1112299001

Sample OM2-003-111215 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
S1112299-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
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

Date Reported 1/16/2012
Report ID S1112299001

ProjectName: Reno Creek Project
Lab ID: S1112299-001
ClientSample ID: OM2-003-111215
COC: RC 08155

WorkOrder: S1112299
CollectionDate: 12/15/2011 11:00:00 AM
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	10.00	s.u.			Field	12/15/2011 11:00:00 AM
pH Reading 2	9.95	s.u.			Field	12/15/2011 11:00:00 AM
pH Reading 3	9.94	s.u.			Field	12/15/2011 11:00:00 AM
Conductivity Reading 1	558	µmhos/cm			Field	12/15/2011 11:00:00 AM
Conductivity Reading 2	558	µmhos/cm			Field	12/15/2011 11:00:00 AM
Conductivity Reading 3	557	µmhos/cm			Field	12/15/2011 11:00:00 AM
Turbidity Reading 1	0.5	NTU			Field	12/15/2011 11:00:00 AM
Turbidity Reading 2	1.0	NTU			Field	12/15/2011 11:00:00 AM
Turbidity Reading 3	0.5	NTU			Field	12/15/2011 11:00:00 AM
Dissolved Oxygen Reading 1	0.48	mg/L			Field	12/15/2011 11:00:00 AM
Dissolved Oxygen Reading 2	0.40	mg/L			Field	12/15/2011 11:00:00 AM
Dissolved Oxygen Reading 3	0.40	mg/L			Field	12/15/2011 11:00:00 AM
Temperature Reading 1	8.39	°C			Field	12/15/2011 11:00:00 AM
Temperature Reading 2	7.90	°C			Field	12/15/2011 11:00:00 AM
Temperature Reading 3	7.79	°C			Field	12/15/2011 11:00:00 AM
Oxygen Reduction Potential Reading	53.7	mV			Field	12/15/2011 11:00:00 AM
Oxygen Reduction Potential Reading	46.4	mV			Field	12/15/2011 11:00:00 AM
Oxygen Reduction Potential Reading	43.5	mV			Field	12/15/2011 11:00:00 AM
Purge Rate Reading 1	200	ml/min			Field	12/15/2011 11:00:00 AM
Purge Rate Reading 2	200	ml/min			Field	12/15/2011 11:00:00 AM
Purge Rate Reading 3	200	ml/min			Field	12/15/2011 11:00:00 AM
Water Level Reading 1	138.42	Ft			Field	12/15/2011 11:00:00 AM
Water Level Reading 2	138.53	Ft			Field	12/15/2011 11:00:00 AM
Water Level Reading 3	138.62	Ft			Field	12/15/2011 11:00:00 AM

These results apply only to the samples tested.

RL - Reporting Limit

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

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

Reviewed by: 
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1112299-001
ClientSample ID: OM2-003-111215
COC: RC 08155

Date Reported 1/16/2012
Report ID S1112299001
WorkOrder: S1112299
CollectionDate: 12/15/2011 11:00:00 AM
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 Anions/Cations (Alkalinity, Chloride, Fluoride, etc.), General Parameters (pH, Conductivity, TDS), 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: S1112299-001
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CollectionDate: 12/15/2011 11:00:00 AM
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

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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: S1112299-001
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COC: RC 08155

Date Reported: 1/16/2012
Report ID: S1112299001

WorkOrder: S1112299
CollectionDate: 12/15/2011 11:00:00 AM
DateReceived: 12/16/2011 10:26:00 AM
FieldSampler: TN
Matrix: Water

Comments

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

Gross Alpha	ND	pCi/L		2	SM 7110B	12/28/2011 8:26:00 PM SH
Gross Alpha Precision (±)	NA	pCi/L			SM 7110B	12/28/2011 8:26:00 PM SH
Gross Beta	8.7	pCi/L		3	SM 7110B	12/28/2011 8:26:00 PM SH
Gross Beta Precision (±)	1.2	pCi/L			SM 7110B	12/28/2011 8:26:00 PM SH
Lead 210	ND	pCi/L		1	OTW01	12/28/2011 9:24:00 AM SH
Lead 210 Precision (±)	NA	pCi/L			OTW01	12/28/2011 9:24:00 AM SH
Polonium 210	ND	pCi/L		1	OTW01	12/27/2011 1:30:00 PM SH
Polonium 210 Precision (±)	NA	pCi/L			OTW01	12/27/2011 1:30:00 PM SH
Radium 226	0.3	pCi/L		0.2	SM 7500-Ra B	12/27/2011 3:29:00 PM SH
Radium 226 Precision (±)	0.1	pCi/L			SM 7500-Ra B	12/27/2011 3:29:00 PM SH
Radium 228	ND	pCi/L		1	Ra-05	1/10/2012 10:17:00 PM SH
Radium 228 Precision (±)	NA	pCi/L			Ra-05	1/10/2012 10:17:00 PM SH
Thorium 230	ND	pCi/L		0.2	ACW10	12/28/2011 2:05:00 PM WL
Thorium 230 Precision (±)	NA	pCi/L			ACW10	12/28/2011 2:05:00 PM WL

Radionuclides - Suspended

Lead 210	1.7	pCi/L		1	OTW01	12/28/2011 11:33:00 AM SH
Lead 210 Precision (±)	0.5	pCi/L			OTW01	12/28/2011 11:33:00 AM SH
Polonium 210	1.0	pCi/L		1	OTW01	12/27/2011 2:58:00 PM SH
Polonium 210 Precision (±)	0.9	pCi/L			OTW01	12/27/2011 2:58:00 PM SH
Radium 226	ND	pCi/L		0.2	SM 7500-Ra B	12/28/2011 1:43:00 PM SH
Radium 226 Precision (±)	NA	pCi/L			SM 7500-Ra B	12/28/2011 1:43:00 PM SH
Thorium 230	ND	pCi/L		0.2	ACW10	12/30/2011 7:54:00 AM WL
Thorium 230 Precision (±)	NA	pCi/L			ACW10	12/30/2011 7:54:00 AM WL

Radionuclides - Total

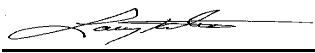
Radon 222	251	pCi/L	L	50	SM7500-RN	12/17/2011 LJK
Radon 222 Precision (±)	39	pCi/L	L		SM7500-RN	12/17/2011 LJK

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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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:**
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 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
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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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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
S1112299-001DS	12/19/11 13:25	Aluminum	0.5	0.1	0.5	ND	105	70 - 130	
		Boron	0.5	0.1	0.5	ND	99.7	70 - 130	
		Chromium	0.53	0.01	0.5	ND	106	70 - 130	
		Iron	0.49	0.05	0.5	ND	96.9	70 - 130	
		Manganese	0.50	0.02	0.5	ND	100	70 - 130	
		Nickel	0.51	0.01	0.5	ND	102	70 - 130	
		Zinc	0.52	0.01	0.5	ND	104	70 - 130	

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

Sample ID	RunNo: 78058	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112299-001DSD	12/19/11 13:27	Aluminum	0.5	0.1	0.5	0.619		20	
		Boron	0.6	0.1	0.5	3.37		20	
		Chromium	0.53	0.01	0.53	0.736		20	
		Iron	0.49	0.05	0.49	0.635		20	
		Manganese	0.51	0.02	0.50	0.994		20	
		Nickel	0.51	0.01	0.51	0.0588		20	
		Zinc	0.53	0.01	0.52	0.960		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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

Dissolved Metals by ICP - EPA 200.7 - Water

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

Sample ID	RunNo: 78058	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112323-002CD	12/19/11 13:20	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	ND	0.02	ND			20	
		Nickel	ND	0.01	ND			20	
		Zinc	ND	0.01	ND			20	

Dissolved Metals by ICPMS EPA 200.8 - Water

Sample 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	

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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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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:**
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ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

Fluoride by SM 4500

Sample 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 7110B

Sample 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
 - 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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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
S1112299-001AS	12/19/11 13:25	Calcium	59	1	50	6	105	70 - 130	
		Magnesium	54	1	50	1	106	70 - 130	
		Potassium	64	1	50	10	109	70 - 130	
		Sodium	151	1	50	103	96.3	70 - 130	

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1112299-001ASD	12/19/11 13:27	Calcium	59	1	59	0.406		20	
		Magnesium	54	1	54	0.434		20	
		Potassium	65	1	64	0.763		20	
		Sodium	153	1	151	1.07		20	

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

Sample ID	RunNo: 78056	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112323-002AD	12/19/11 13:20	Calcium	ND	1	ND			20	
		Magnesium	ND	1	ND			20	
		Potassium	ND	1	ND			20	
		Sodium	ND	1	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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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:**
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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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

Lead 210 and Polonium 210

Sample 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

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

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

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

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

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

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

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

- Qualifiers:**
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 - 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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

Radium 228

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

Sample ID	RunNo: 78770	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB12-005	01/10/12 22:17	Radium 228 (Dissolved)	ND	1					

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

Sample ID	RunNo: 78770	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS12-005	01/10/12 17:51	Radium 228 (Dissolved)	9	1	9.94		91.8	74.9 - 122	

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

Sample ID	RunNo: 78770	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1112194-001DMS	01/10/12 17:51	Total Radium 228	8	1	9.94	ND	83.0	49.9 - 166	

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

Sample ID	RunNo: 78770	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1112201-001FDUP	01/10/12 17:51	Radium 228 (Dissolved)	4	1	4	11.5		20	

Radium 226 by SM 7500

Sample 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
 - 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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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
S1112299-001A	12/16/11 0:00	Radon-222	240	50	250	4.38		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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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: S1112299
Project: Reno Creek Project

Date: 1/16/2012
Report ID: S1112299001

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:**
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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



Inter-Mountain Labs
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- CHAIN OF CUSTODY RECORD -

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Client Name AUC LLC		Project Identification Reno Creek Project		Sampler (Signature/Printed) <i>Jaci Nickerson</i>		Telephone #			
Report Address trickerson@treecorp.com; jshriver@treecorp.com Invoice Address AUC LLC 900 W. 150 Casper WY 82601		Contact Name <i>Jaci Nickerson</i> Email <i>trickerson@treecorp.com</i> Phone <i>307-265-0696</i> Purchase Order #		ANALYSES / PARAMETERS See Attached Table 1 (4.14, Guide 8, Radon 222) See Attached Table 2 (Air Particulate) See Attached Table 3 (Vegetation) See Attached Table 4 (Sediment) See Attached Table 5 (Soil) See Attached Table 8 WYDES Discharge See Attached Table 9 (Blanks)		REMARKS <i>Groundwater</i>			
ITEM	LAB ID (Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SAMPLE IDENTIFICATION	Matrix	# of Containers			
1									
2	51112-299-001	12/15/11	11:00	OMA-003-11215	WT	13	X		
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
LAB COMMENTS 4-3		Relinquished By (Signature/Printed) <i>Jaci Nickerson</i>		DATE 12/16/11		TIME 10:24			
SHIPPING INFO <input type="checkbox"/> UPS <input type="checkbox"/> Fed Express <input type="checkbox"/> US Mail <input type="checkbox"/> Hand Carried <input checked="" type="checkbox"/> Other		MATRIX CODES 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		TURNAROUND TIMES <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 INFORMATION Compliance Monitoring? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Program (SDWA, NPDES,...) PWSID / Permit # Chlorinated? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Sample Disposal: Lab <input checked="" type="checkbox"/> Client		ADDITIONAL REMARKS	