



Tuesday, July 26, 2011

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

RE: Reno Creek Project
Orde

r No.: S1106290

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples PZM8-003-110614 on June 15, 2011.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Lacey Ketron
Project Manager

xc: File
Encl.



Date: 7/26/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1106290

CASE NARRATIVE
Report ID: S1106290001

Sample PZM8-003-110614 was received on June 15, 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

S1106249-001 - Radiochemistry/Polonium 210 (Dissolved) - RPD outside accepted recovery limits
S1106179-001 - Radiochemistry/Gross Beta (Dissolved) - RPD outside accepted recovery limits
S1106290-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
LCS-R71503 - General Parameters/Radon-222 - Analyzed by a contract laboratory
MB-R71503 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 7/26/2011
Report ID S1106290001

ProjectName: Reno Creek Project
Lab ID: S1106290-001
ClientSample ID: PZM8-003-110614
COC: RC 08295

WorkOrder: S1106290
CollectionDate: 6/14/2011 12:50:00 PM
DateReceived: 6/15/2011 8:21:00 AM
FieldSampler: TN
Matrix: Water

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

These results apply only to the samples tested.

RL - Reporting Limit

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

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

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



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

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COC: RC 08295

WorkOrder: S1106290
CollectionDate: 6/14/2011 12:50:00 PM
DateReceived: 6/15/2011 8:21:00 AM
FieldSampler: TN
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Anions/Cations							
Alkalinity, Total (As CaCO3)	75	mg/L		5	SM 2320B	6/16/2011 10:21:43 PM	AMB
Alkalinity, Bicarbonate as HCO3	92	mg/L		5	SM 2320B	6/16/2011 10:21:43 PM	AMB
Alkalinity, Carbonate as CO3	ND	mg/L		5	SM 2320B	6/16/2011 10:21:43 PM	AMB
Chloride	7	mg/L		1	EPA 300.0	6/30/2011 12:08:00 AM	KO
Fluoride	0.1	mg/L		0.1	SM 4500FC	6/16/2011 10:21:43 PM	AMB
Nitrogen, Nitrate-Nitrite (as N)	ND	mg/L		0.1	EPA 353.2	6/16/2011 8:38:00 PM	MEL
Sulfate	880	mg/L		1	EPA 300.0	6/30/2011 12:08:00 AM	KO
Calcium	115	mg/L		1	EPA 200.7	6/22/2011 1:22:34 PM	DG
Magnesium	26	mg/L		1	EPA 200.7	6/22/2011 1:22:34 PM	DG
Potassium	9	mg/L		1	EPA 200.7	6/22/2011 1:22:34 PM	DG
Sodium	316	mg/L		1	EPA 200.7	6/22/2011 1:22:34 PM	DG
Nitrogen, Ammonia (As N)	ND	mg/L		0.1	EPA 350.1	6/17/2011 12:19:00 PM	LJK
Silica as SiO2	12	mg/L		1	EPA 200.7	6/15/2011 5:42:37 PM	DG
General Parameters							
pH	8.0	s.u.		0.1	SM 4500 H B	6/16/2011 10:21:43 PM	AMB
Electrical Conductivity	1370	µmhos/cm		5	SM 2510B	6/16/2011 10:21:43 PM	AMB
Total Dissolved Solids (180)	1440	mg/L		10	SM 2540	6/16/2011 1:50:00 PM	JF
Data Quality							
Cation Sum	21.86	meq/L		0.01	SM 1030E	7/11/2011 8:49:57 AM	LJK
Anion Sum	20.05	meq/L		0.01	SM 1030E	7/11/2011 8:49:57 AM	LJK
Cation-Anion Balance (± 5%)	4.33	%		0.01	SM 1030E	7/11/2011 8:49:57 AM	LJK
Solids, Total Dissolved (Calc)	1400	mg/L		10	SM 1030E	7/11/2011 8:49:57 AM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)	1.03	dec. %		0.01	Calculation	7/11/2011 8:56:48 AM	LJK

These results apply only to the samples tested.

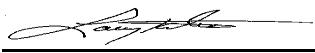
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Reviewed by:


Lacey Ketron, Water Lab Supervisor



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DateReceived: 6/15/2011 8:21:00 AM
FieldSampler: TN
Matrix: Water

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.

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Lacey Ketron, Water Lab Supervisor



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DateReceived: 6/15/2011 8:21:00 AM
FieldSampler: TN
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Radionuclides - Dissolved							
Gross Alpha	102	pCi/L		2	SM 7110B	6/29/2011 8:09:18 PM	SH
Gross Alpha Precision (±)	4.5	pCi/L			SM 7110B	6/29/2011 8:09:18 PM	SH
Gross Beta	50.0	pCi/L		3	SM 7110B	6/29/2011 8:09:18 PM	SH
Gross Beta Precision (±)	2.1	pCi/L			SM 7110B	6/29/2011 8:09:18 PM	SH
Lead 210	13.2	pCi/L		1	OTW01	6/29/2011 5:59:54 PM	SH
Lead 210 Precision (±)	0.8	pCi/L			OTW01	6/29/2011 5:59:54 PM	SH
Polonium 210	ND	pCi/L		1	OTW01	6/27/2011 10:40:06 AM	SH
Polonium 210 Precision (±)	NA	pCi/L			OTW01	6/27/2011 10:40:06 AM	SH
Radium 226	51.0	pCi/L		0.2	SM 7500-Ra B	7/5/2011 5:51:00 PM	SH
Radium 226 Precision (±)	0.8	pCi/L			SM 7500-Ra B	7/5/2011 5:51:00 PM	SH
Radium 228	ND	pCi/L		1	Ra-05	7/21/2011 8:09:00 PM	SH
Radium 228 Precision (±)	NA	pCi/L			Ra-05	7/21/2011 8:09:00 PM	SH
Thorium 230	ND	pCi/L		0.2	ACW10	6/27/2011 12:52:00 PM	SH
Thorium 230 Precision (±)	NA	pCi/L			ACW10	6/27/2011 12:52:00 PM	SH
Radionuclides - Suspended							
Lead 210	ND	pCi/L		1	OTW01	6/30/2011 9:02:02 AM	SH
Lead 210 Precision (±)	NA	pCi/L			OTW01	6/30/2011 9:02:02 AM	SH
Polonium 210	ND	pCi/L		1	OTW01	6/27/2011 12:30:13 PM	SH
Polonium 210 Precision (±)	NA	pCi/L			OTW01	6/27/2011 12:30:13 PM	SH
Radium 226	ND	pCi/L		0.2	SM 7500-Ra B	7/6/2011 2:12:00 PM	SH
Radium 226 Precision (±)	NA	pCi/L			SM 7500-Ra B	7/6/2011 2:12:00 PM	SH
Thorium 230	ND	pCi/L		0.2	ACW10	6/30/2011 8:15:00 AM	SH
Thorium 230 Precision (±)	NA	pCi/L			ACW10	6/30/2011 8:15:00 AM	SH
Radionuclides - Total							
Radon 222	47700	pCi/L	L	50	SM7500-RN	6/15/2011	LJK
Radon 222 Precision (±)	5500	pCi/L	L		SM7500-RN	6/15/2011	LJK

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Reviewed by:


Lacey Ketron, Water Lab Supervisor



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Alkalinity

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/16/11 12:09	Alkalinity, Total (As CaCO3)	ND	5					

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/16/11 12:00	Alkalinity, Total (As CaCO3)	605	5	607		99.7	90 - 110	

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

Sample ID	RunNo: 71764	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106623-001AD	07/01/11 10:46	Alkalinity, Bicarbonate as HCO3	2090	5	2080	0.210		20	
		Alkalinity, Carbonate as CO3	73	5	78	6.20		20	
		Alkalinity, Total (As CaCO3)	1830	5	1840	0.243		20	

Conductivity

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/16/11 12:09	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/16/11 12:00	Electrical Conductivity	945	5	1000		94.4	90 - 110	

Sample Type **DUP** Units: µmhos/cm

Sample ID	RunNo: 71764	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106623-001AD	07/01/11 10:46	Electrical Conductivity	2830	5	2830	0		20	

- Qualifiers:**
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ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Dissolved Mercury by EPA 245.1 - Water

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

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

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

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

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106264-001C	06/16/11 14:35	Mercury	0.002	0.001	0.00244	ND	100	70 - 130	

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106264-001C	06/16/11 14:37	Mercury	0.002	0.001	0.002	3.03	96.9	20	

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

Sample ID	RunNo: 71155	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106264-001C	06/16/11 14:33	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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/15/11 12:53	Aluminum	ND	0.1					
		Boron	ND	0.1					
		Chromium	ND	0.01					
		Iron	ND	0.05					
		Manganese	ND	0.02					
		Nickel	ND	0.01					
		Zinc	ND	0.01					

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

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

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106289-001ES	06/15/11 17:30	Aluminum	0.5	0.1	0.5	ND	103	70 - 130	
		Boron	0.6	0.1	0.5	ND	99.9	70 - 130	
		Chromium	0.50	0.01	0.5	ND	101	70 - 130	
		Iron	0.84	0.05	0.5	0.38	91.6	70 - 130	
		Manganese	0.71	0.02	0.5	0.22	96.7	70 - 130	
		Nickel	0.49	0.01	0.5	ND	97.6	70 - 130	
		Zinc	0.50	0.01	0.5	ND	100	70 - 130	

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106289-001ESD	06/15/11 17:33	Aluminum	0.6	0.1	0.5	7.13	111	20	
		Boron	0.6	0.1	0.6	9.52	111	20	
		Chromium	0.55	0.01	0.50	9.57	110	20	
		Iron	0.88	0.05	0.84	4.87	99.8	20	
		Manganese	0.75	0.02	0.71	6.14	105	20	
		Nickel	0.53	0.01	0.49	8.40	106	20	
		Zinc	0.55	0.01	0.50	10.2	111	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

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Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Dissolved Metals by ICP - EPA 200.7 - Water

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

Sample ID	RunNo: 71115	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106301-005CD	06/15/11 18:27	Aluminum	ND	0.1	ND			20	
		Boron	0.3	0.1	0.3	1.15		20	
		Chromium	ND	0.01	ND			20	
		Iron	6.01	0.05	5.93	1.30		20	
		Manganese	0.65	0.02	0.65	0.838		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: 71161	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
INIT CAL BLANK	06/16/11 13:40	Arsenic	ND	0.005					
		Barium	ND	0.5					
		Cadmium	ND	0.002					
		Copper	ND	0.01					
		Lead	ND	0.02					
		Molybdenum	ND	0.02					
		Selenium	ND	0.005					
		Uranium	ND	0.001					
		Vanadium	ND	0.02					

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

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

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ANALYTICAL QC SUMMARY REPORT

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Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106293-002BS	06/16/11 16:13	Arsenic	1.15	0.005	1.1	ND	105	70 - 130	
		Barium	1.2	0.5	1.1	ND	105	70 - 130	
		Cadmium	1.17	0.002	1.1	ND	106	70 - 130	
		Copper	1.10	0.01	1.1	ND	99.7	70 - 130	
		Lead	1.08	0.02	1.1	ND	98.2	70 - 130	
		Molybdenum	1.20	0.02	1.1	ND	109	70 - 130	
		Selenium	1.18	0.005	1.1	0.005	106	70 - 130	
		Uranium	1.16	0.001	1.1	0.002	105	70 - 130	
		Vanadium	1.14	0.02	1.1	ND	103	70 - 130	

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106293-002BMSD	06/16/11 16:17	Arsenic	1.15	0.005	1.15	0.330	104	20	
		Barium	1.2	0.5	1.2	0.902	104	20	
		Cadmium	1.17	0.002	1.17	0.0982	106	20	
		Copper	1.10	0.01	1.10	0.0257	99.6	20	
		Lead	1.08	0.02	1.08	0.0245	98.2	20	
		Molybdenum	1.22	0.02	1.20	0.944	110	20	
		Selenium	1.17	0.005	1.18	0.411	106	20	
		Uranium	1.16	0.001	1.16	0.483	105	20	
		Vanadium	1.14	0.02	1.14	0.145	104	20	

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

Sample ID	RunNo: 71161	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106293-002BD	06/16/11 16:09	Arsenic	ND	0.005	ND			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	0.005	0.005	0.005	3.11		20	
		Uranium	0.002	0.001	0.002	9.36		20	
		Vanadium	ND	0.02	ND			20	

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Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Fluoride by SM 4500

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/16/11 12:09	Fluoride	ND	0.1					

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/16/11 12:00	Fluoride	2.9	0.1	2.71		107	90 - 110	

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106255-001ASPK	06/16/11 12:26	Fluoride	290	10	250	40	101	80 - 120	

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106255-001A	06/16/11 12:34	Fluoride	40	10	40	4.61		20	

Gross Alpha, Beta by SM 7110B

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

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

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

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

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

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

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

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

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - 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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Anions by ION Chromatography

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

Sample ID	RunNo: 71664	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/29/11 8:30	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 71664	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	06/29/11 8:44	Chloride	30	1	30		99.0	90 - 110	
		Sulfate	143	1	150		95.2	90 - 110	

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

Sample ID	RunNo: 71664	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106538-006ASPK	06/30/11 2:52	Chloride	91	1	80	16	93.7	80 - 120	
		Sulfate	1680	1	640	976	110	80 - 120	

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

Sample ID	RunNo: 71664	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106538-006A	06/30/11 2:37	Chloride	16	1	16	1.29		20	
		Sulfate	970	1	976	0.626		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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

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

Sample ID	RunNo: 71367	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	06/22/11 13:11	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 71367	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CAT LCS IML3	06/22/11 13:15	Calcium	41	1	40		104	85 - 115	
		Magnesium	40	1	40		100	85 - 115	
		Potassium	39	1	40		98.5	85 - 115	
		Sodium	40	1	40		99.5	85 - 115	

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

Sample ID	RunNo: 71367	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106420-004AS	06/22/11 13:46	Calcium	30	1	25	ND	118	70 - 130	
		Magnesium	30	1	25	ND	118	70 - 130	
		Potassium	29	1	25	ND	116	70 - 130	
		Sodium	28	1	25	ND	110	70 - 130	

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

Sample ID	RunNo: 71367	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106420-004ASD	06/22/11 14:10	Calcium	29	1	30	2.49	115	20	
		Magnesium	29	1	30	1.52	116	20	
		Potassium	28	1	29	3.14	112	20	
		Sodium	27	1	28	2.73	107	20	

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

Sample ID	RunNo: 71367	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106420-003AD	06/22/11 13:42	Calcium	2	1	2	0.303		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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Nitrogen, Ammonia (as N)

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

Sample ID	RunNo: 71231	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	06/17/11 11:58	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 71231	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	06/17/11 12:00	Nitrogen, Ammonia (As N)	8.9	0.1	8.93		99.3	90 - 110	

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

Sample ID	RunNo: 71231	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106337-003B	06/17/11 12:29	Nitrogen, Ammonia (As N)	9.2	0.1	10	ND	91.5	80 - 120	

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

Sample ID	RunNo: 71231	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106337-003B	06/17/11 12:28	Nitrogen, Ammonia (As N)	ND	0.1	ND			20	

Nitrogen, Nitrate-Nitrite (as N)

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

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

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

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

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

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

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

Sample ID	RunNo: 71167	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106250-001D	06/16/11 20:32	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1	ND			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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

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

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

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

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

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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Lead 210 and Polonium 210

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

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

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

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

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

Radium 228

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

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

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

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

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

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

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

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1106511-005GDUP 07/21/11 15:48 Radium 228 (Dissolved) 1 1 ND 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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Radium 226 by SM 7500

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

Sample ID	RunNo: 71894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-178	07/05/11 15:35	Radium 226 (Dissolved)	ND	0.2					

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

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

Sample ID	RunNo: 71894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-178	07/05/11 15:35	Radium 226 (Dissolved)	4.3	0.2	5		85.0	62.5 - 125	

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

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

Sample ID	RunNo: 71894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106290-001GMS	07/05/11 17:51	Radium 226 (Dissolved)	56.6	0.2	5	51.0	113	41.6 - 146	

Sample ID	RunNo: 71902	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106354-001GMS	07/06/11 14:12	Radium 226 (Suspended)	5.0	0.2	5	0.2	95.1	41.6 - 146	

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

Sample ID	RunNo: 71894	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106388-006EDUP	07/05/11 17:51	Radium 226 (Dissolved)	0.4	0.2	0.4	2.10		20	

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

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

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

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

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

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

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

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

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

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

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

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

Sample ID	RunNo: 71503	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R71503	06/15/11 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 71503	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R71503	06/15/11 0:00	Radon-222	22400	100	22500		99.6	75 - 125	L

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

Sample ID	RunNo: 71503	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106290-001B	06/15/11 0:00	Radon-222	47100	50	47700	1.26		20	L

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

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

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

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

Qualifiers:

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

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

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

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

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

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

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

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

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

Sample ID	RunNo: 71214	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 6/17 TOT -5212	06/17/11 16:26	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 71214	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 6/17 TOT -5212	06/17/11 16:28	Iron	0.52	0.05	0.5		104	85 - 115	
		Manganese	0.20	0.02	0.2		102	85 - 115	

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

Sample ID	RunNo: 71214	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1106290-001FS	06/17/11 16:37	Iron	0.55	0.05	0.5	0.06	97.6	70 - 130	
		Manganese	0.30	0.02	0.2	0.10	99.8	70 - 130	

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

Sample ID	RunNo: 71214	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1106290-001FSD	06/17/11 16:39	Iron	0.54	0.05	0.55	0.679	96.9	20	
		Manganese	0.30	0.02	0.30	1.03	98.2	20	

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

Sample ID	RunNo: 71214	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106289-001FD	06/17/11 16:33	Iron	0.76	0.05	0.76	0.395		20	
		Manganese	0.24	0.02	0.24	0.124		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: S1106290
Project: Reno Creek Project

Date: 7/26/2011
Report ID: S1106290001

Suspended Natural Uranium

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

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

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

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

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

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

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

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

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

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

pH Water

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

Sample ID	RunNo: 71169	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	06/16/11 12:00	pH	8.5	0.1	8.63		98.0	90 - 110	

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

Sample ID	RunNo: 71764	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1106623-001AD	07/01/11 10:46	pH	8.6	0.1	8.6	0.428		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

Client Name: **AUC LLC**
 Report Address: **peavendor@auc-llc.com; thicketson@treecorp.com; jshriver@treecorp.com**
 Invoice Address: **AUC LLC, 951 Victoria Ct., Ste 395, Casper WY 82401**
 Project Identification: **Reno Creek Project**
 Contact Name: **Tracey Vickleson**
 Email: **thicketson@treecorp.com**
 Phone: **307-265-0696**
 Purchase Order #: **307-265-0696**
 Quote #

ITEM	LAB ID (Lab Use Only)	DATE SAMPLED	TIME	SAMPLE IDENTIFICATION	Matrix	# of Containers	ANALYSES / PARAMETERS	REMARKS
1							See Attached Table 1 (4,14, Guide 8, Radon 222)	
2	S1100290-001	6/14/11	12:50	ZM8-003-110614	W	13	X	Groundwater
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

LAB COMMENTS: **Relinquished By (Signature/Printed): Tracey Vickleson 6/14/11 15:30**
 Received By (Signature/Printed): **Kathy Boy 6.15.11 8:21**

SHIPPING INFO: UPS, Fed Express, US Mail, Hand Carried, Other

MATRIX CODES: Water, Soil, Solid, Tip Blank, Other

TURNAROUND TIMES: Check desired service, Standard turnaround, RUSH - 5 Working Days, URGENT - < 2 Working Days

COMPLIANCE INFORMATION: Compliance Monitoring? (SDWA, NPDES, ...), PWSID / Permit #, Chlorinated?, Sample Disposal: Lab, Client

ADDITIONAL REMARKS: **Y/N**