



Thursday, August 25, 2011

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

RE: Reno Creek Project
Orde

r No.: S1107455

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples OM7-001-110727 on July 27, 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: 8/25/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1107455

CASE NARRATIVE
Report ID: S1107455001

Sample OM7-001-110727 was received on July 27, 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.

Per ALS one of the voa vials for OM7-001-110727 arrived with headspace < pea sized.

Qualifiers by sample

S1107454-001 - Radiochemistry/Lead 210 (Dissolved) - RPD outside accepted recovery limits
S1107455-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
LCS-R73365 - General Parameters/Radon-222 - Analyzed by a contract laboratory
MB-R73365 - 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 8/25/2011
Report ID S1107455001

ProjectName: Reno Creek Project
Lab ID: S1107455-001
ClientSample ID: OM7-001-110727
COC: RC 08327

WorkOrder: S1107455
CollectionDate: 7/27/2011 1:50:00 PM
DateReceived: 7/27/2011 4:45:00 PM
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

Date Reported: 8/25/2011
Report ID: S1107455001

ProjectName: Reno Creek Project
Lab ID: S1107455-001
ClientSample ID: OM7-001-110727
COC: RC 08327

WorkOrder: S1107455
CollectionDate: 7/27/2011 1:50:00 PM
DateReceived: 7/27/2011 4:45:00 PM
FieldSampler: TN
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Anions/Cations							
Alkalinity, Total (As CaCO3)	110	mg/L		5	SM 2320B	7/28/2011 6:06:47 PM	AMB
Alkalinity, Bicarbonate as HCO3	12	mg/L		5	SM 2320B	7/28/2011 6:06:47 PM	AMB
Alkalinity, Carbonate as CO3	60	mg/L		5	SM 2320B	7/28/2011 6:06:47 PM	AMB
Chloride	3	mg/L		1	EPA 300.0	8/1/2011 4:35:00 PM	ARF
Fluoride	0.2	mg/L		0.1	SM 4500FC	7/28/2011 6:06:47 PM	AMB
Nitrogen, Nitrate-Nitrite (as N)	0.3	mg/L		0.1	EPA 353.2	7/31/2011 12:43:00 PM	MEL
Sulfate	210	mg/L		1	EPA 300.0	8/1/2011 4:35:00 PM	ARF
Calcium	51	mg/L		1	EPA 200.7	7/28/2011 3:27:28 PM	DG
Magnesium	2	mg/L		1	EPA 200.7	7/28/2011 3:27:28 PM	DG
Potassium	36	mg/L		1	EPA 200.7	7/28/2011 3:27:28 PM	DG
Sodium	75	mg/L		1	EPA 200.7	7/28/2011 3:27:28 PM	DG
Nitrogen, Ammonia (As N)	2.1	mg/L		0.1	EPA 350.1	8/3/2011 12:20:00 PM	LJK
Silica as SiO2	10	mg/L		1	EPA 200.7	7/28/2011 3:27:28 PM	DG
General Parameters							
pH	10.3	s.u.		0.1	SM 4500 H B	7/28/2011 6:06:47 PM	AMB
Electrical Conductivity	771	µmhos/cm		5	SM 2510B	7/28/2011 6:06:47 PM	AMB
Total Dissolved Solids (180)	530	mg/L		10	SM 2540	7/29/2011 2:40:00 PM	JF
Data Quality							
Cation Sum	6.91	meq/L		0.01	SM 1030E	8/9/2011 9:53:00 AM	LJK
Anion Sum	6.70	meq/L		0.01	SM 1030E	8/9/2011 9:53:00 AM	LJK
Cation-Anion Balance (± 5%)	1.58	%		0.01	SM 1030E	8/9/2011 9:53:00 AM	LJK
Solids, Total Dissolved (Calc)	460	mg/L		10	SM 1030E	8/9/2011 9:53:00 AM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)	1.16	dec. %		0.01	Calculation	8/9/2011 9:55:16 AM	LJK

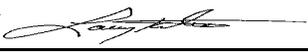
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Reviewed by: 
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1107455-001
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Report ID S1107455001
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DateReceived: 7/27/2011 4:45:00 PM
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), Metals - Suspended (Uranium), and Metals - Total (Iron, Manganese).

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Lacey Ketron, Water Lab Supervisor



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1536 Cole Blvd
Lakewood, CO 80401

Date Reported 8/25/2011
Report ID S1107455001

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ClientSample ID: OM7-001-110727
COC: RC 08327

WorkOrder: S1107455
CollectionDate: 7/27/2011 1:50:00 PM
DateReceived: 7/27/2011 4:45:00 PM
FieldSampler: TN
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Radionuclides - Dissolved							
Gross Alpha	8.6	pCi/L		2	SM 7110B	8/4/2011 9:33:20 AM	SH
Gross Alpha Precision (±)	2.6	pCi/L			SM 7110B	8/4/2011 9:33:20 AM	SH
Gross Beta	39.1	pCi/L		4	SM 7110B	8/4/2011 9:33:20 AM	SH
Gross Beta Precision (±)	3.9	pCi/L			SM 7110B	8/4/2011 9:33:20 AM	SH
Lead 210	2.5	pCi/L		1	OTW01	8/16/2011 11:09:09 AM	SH
Lead 210 Precision (±)	0.5	pCi/L			OTW01	8/16/2011 11:09:09 AM	SH
Polonium 210	ND	pCi/L		1	OTW01	8/15/2011 5:07:53 PM	SH
Polonium 210 Precision (±)	NA	pCi/L			OTW01	8/15/2011 5:07:53 PM	SH
Radium 226	1.1	pCi/L		0.2	SM 7500-Ra B	8/9/2011 1:55:00 PM	SH
Radium 226 Precision (±)	0.1	pCi/L			SM 7500-Ra B	8/9/2011 1:55:00 PM	SH
Radium 228	ND	pCi/L		1	Ra-05	8/12/2011 4:13:00 PM	SH
Radium 228 Precision (±)	NA	pCi/L			Ra-05	8/12/2011 4:13:00 PM	SH
Thorium 230	ND	pCi/L		0.2	ACW10	8/11/2011 12:31:00 PM	SH
Thorium 230 Precision (±)	NA	pCi/L			ACW10	8/11/2011 12:31:00 PM	SH
Radionuclides - Suspended							
Lead 210	1.6	pCi/L		1	OTW01	8/18/2011 9:45:12 AM	SH
Lead 210 Precision (±)	0.6	pCi/L			OTW01	8/18/2011 9:45:12 AM	SH
Polonium 210	ND	pCi/L		1	OTW01	8/16/2011 4:44:41 PM	SH
Polonium 210 Precision (±)	NA	pCi/L			OTW01	8/16/2011 4:44:41 PM	SH
Radium 226	ND	pCi/L		0.2	SM 7500-Ra B	8/15/2011 5:13:00 PM	SH
Radium 226 Precision (±)	NA	pCi/L			SM 7500-Ra B	8/15/2011 5:13:00 PM	SH
Thorium 230	ND	pCi/L		0.2	ACW10	8/15/2011 1:58:00 PM	SH
Thorium 230 Precision (±)	NA	pCi/L			ACW10	8/15/2011 1:58:00 PM	SH
Radionuclides - Total							
Radon 222	1500	pCi/L	L	50	SM7500-RN	7/28/2011	LJK
Radon 222 Precision (±)	180	pCi/L	L		SM7500-RN	7/28/2011	LJK

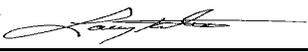
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Reviewed by: 
Lacey Ketron, Water Lab Supervisor



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Alkalinity

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	07/28/11 15:14	Alkalinity, Total (As CaCO3)	ND	5					

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	07/28/11 15:04	Alkalinity, Total (As CaCO3)	589	5	601		98.0	90 - 110	

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107339-008AD	07/28/11 17:05	Alkalinity, Bicarbonate as HCO3	351	5	350	0.252		20	
		Alkalinity, Total (As CaCO3)	287	5	287	0.252		20	

Conductivity

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	07/28/11 15:14	Electrical Conductivity	ND	5					

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	07/28/11 15:04	Electrical Conductivity	1110	5	1120		98.7	90 - 110	

Sample Type **DUP** Units: µmhos/cm

Sample ID	RunNo: 72760	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107473-002AD	07/28/11 20:06	Electrical Conductivity	83800	5	83800	0		20	

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ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Dissolved Mercury by EPA 245.1 - Water

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

Sample ID	RunNo: 73108	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	08/05/11 9:44	Mercury	ND	0.001					

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

Sample ID	RunNo: 73108	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	08/05/11 9:42	Mercury	0.002	0.001	0.002		107	85 - 115	

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

Sample ID	RunNo: 73108	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107454-001D	08/05/11 9:52	Mercury	0.002	0.001	0.00244	ND	97.3	70 - 130	

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

Sample ID	RunNo: 73108	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1107454-001D	08/05/11 9:54	Mercury	0.002	0.001	0.002	0.847	96.5	20	

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

Sample ID	RunNo: 73108	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107454-001D	08/05/11 9:51	Mercury	ND	0.001	ND			20	

- Qualifiers:**
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 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
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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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

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

Sample ID	RunNo: 72761	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	07/28/11 14:35	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: 72761	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	07/28/11 14:37	Aluminum	1.0	0.1	1		101	85 - 115	
		Boron	1.0	0.1	1		100	85 - 115	
		Chromium	1.05	0.01	1		105	85 - 115	
		Iron	1.01	0.05	1		101	85 - 115	
		Manganese	1.03	0.02	1		103	85 - 115	
		Nickel	1.05	0.01	1		105	85 - 115	
		Zinc	1.05	0.01	1		105	85 - 115	

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

Sample ID	RunNo: 72761	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107464-001CS	07/28/11 15:43	Aluminum	0.6	0.1	0.5	ND	104	70 - 130	
		Boron	0.6	0.1	0.5	ND	110	70 - 130	
		Chromium	0.52	0.01	0.5	ND	105	70 - 130	
		Iron	0.52	0.05	0.5	ND	101	70 - 130	
		Manganese	0.53	0.02	0.5	ND	103	70 - 130	
		Nickel	0.53	0.01	0.5	ND	106	70 - 130	
		Zinc	0.53	0.01	0.5	ND	106	70 - 130	

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

Sample ID	RunNo: 72761	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1107464-001CSD	07/28/11 15:45	Aluminum	0.6	0.1	0.6	3.54	108	20	
		Boron	0.6	0.1	0.6	4.34	115	20	
		Chromium	0.54	0.01	0.52	3.41	108	20	
		Iron	0.54	0.05	0.52	3.96	105	20	
		Manganese	0.54	0.02	0.53	3.17	107	20	
		Nickel	0.55	0.01	0.53	3.73	110	20	
		Zinc	0.55	0.01	0.53	2.73	109	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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Dissolved Metals by ICP - EPA 200.7 - Water

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

Sample ID	RunNo: 72761	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107463-002BD	07/28/11 15:38	Aluminum	ND	0.1	ND			20	
		Boron	0.1	0.1	0.1	4.09		20	
		Chromium	ND	0.01	ND			20	
		Iron	0.68	0.05	0.66	4.07		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: 72754	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	07/28/11 13:07	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: 72754	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	07/28/11 13:03	Arsenic	0.103	0.005	0.1		103	85 - 115	
		Barium	ND	0.5	0.1		99.4	85 - 115	
		Cadmium	0.107	0.002	0.1		107	85 - 115	
		Copper	0.10	0.01	0.1		96.3	85 - 115	
		Lead	0.10	0.02	0.1		98.4	85 - 115	
		Molybdenum	0.10	0.02	0.1		98.6	85 - 115	
		Selenium	0.101	0.005	0.1		101	85 - 115	
		Uranium	0.091	0.001	0.1		90.9	85 - 115	
		Vanadium	0.10	0.02	0.1		100	85 - 115	

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ANALYTICAL QC SUMMARY REPORT

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Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 72754	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107436-001BS	07/28/11 13:31	Arsenic	1.15	0.005	1.1	ND	105	70 - 130	
		Barium	2.8	0.5	1.1	1.8	91.5	70 - 130	
		Cadmium	1.20	0.002	1.1	ND	109	70 - 130	
		Copper	1.08	0.01	1.1	ND	98.2	70 - 130	
		Lead	1.07	0.02	1.1	ND	97.1	70 - 130	
		Molybdenum	1.14	0.02	1.1	ND	103	70 - 130	
		Selenium	1.13	0.005	1.1	ND	103	70 - 130	
		Uranium	1.04	0.001	1.1	ND	94.1	70 - 130	
		Vanadium	1.09	0.02	1.1	ND	98.6	70 - 130	

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

Sample ID	RunNo: 72754	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1107436-001BMSD	07/28/11 13:35	Arsenic	1.13	0.005	1.15	1.94	103	20	
		Barium	2.8	0.5	2.8	1.46	95.2	20	
		Cadmium	1.17	0.002	1.20	3.10	106	20	
		Copper	1.07	0.01	1.08	1.39	96.8	20	
		Lead	1.04	0.02	1.07	2.78	94.4	20	
		Molybdenum	1.15	0.02	1.14	1.53	105	20	
		Selenium	1.13	0.005	1.13	0.140	103	20	
		Uranium	1.02	0.001	1.04	1.31	92.9	20	
		Vanadium	1.06	0.02	1.09	2.91	95.7	20	

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

Sample ID	RunNo: 72754	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107436-001BD	07/28/11 13:27	Arsenic	ND	0.005	ND			20	
		Barium	1.8	0.5	1.8	0.271		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	

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CLIENT: AUC LLC
Work Order: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	07/28/11 15:14	Fluoride	ND	0.1					

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	07/28/11 15:04	Fluoride	3.1	0.1	2.96		103	90 - 110	

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107474-002ASPK	07/28/11 20:59	Fluoride	2.8	0.1	2.5	0.2	104	80 - 120	

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107464-001AD	07/28/11 18:42	Fluoride	1.9	0.1	1.9	0.507		20	

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

Sample ID	RunNo: 73052	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-214	08/04/11 9:33	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 73052	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-214	08/04/11 9:33	Gross Alpha (Dissolved)	84	2	73.6		115	83 - 133	
		Gross Beta (Dissolved)	135	3	126		107	88 - 115	

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

Sample ID	RunNo: 73052	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107418-001FMS	08/04/11 9:33	Gross Alpha (Dissolved)	51	2	73.6	4	64.8	48 - 153	
		Gross Beta (Dissolved)	153	3	126	11	113	60 - 140	

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

Sample ID	RunNo: 73052	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107419-001FDUP	08/04/11 9:33	Gross Alpha (Dissolved)	9	2	10	6.07		20	

Sample ID	RunNo: 73052	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107455-001FDUP	08/04/11 9:33	Gross Beta (Dissolved)	37	4	39	6.78		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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Anions by ION Chromatography

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

Sample ID	RunNo: 72900	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	08/01/11 8:39	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 72900	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	08/01/11 8:50	Chloride	31	1	30		103	90 - 110	
		Sulfate	142	1	150		94.9	90 - 110	

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

Sample ID	RunNo: 72900	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107427-001ASPK	08/01/11 15:38	Chloride	76	1	80	9	84.5	80 - 120	
		Sulfate	1180	1	640	570	95.0	80 - 120	

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

Sample ID	RunNo: 72900	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107427-001AD	08/01/11 15:26	Chloride	9	1	9	0.669		20	
		Sulfate	569	1	570	0.0929		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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

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

Sample ID	RunNo: 72759	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	07/28/11 14:35	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 72759	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CAT LCS IML3	07/28/11 14:40	Calcium	39	1	40		97.8	85 - 115	
		Magnesium	40	1	40		99.4	85 - 115	
		Potassium	40	1	40		99.1	85 - 115	
		Sodium	38	1	40		95.4	85 - 115	

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

Sample ID	RunNo: 72759	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107464-001AS	07/28/11 15:43	Calcium	36	1	25	11	100	70 - 130	
		Magnesium	36	1	25	9	106	70 - 130	
		Potassium	39	1	25	14	98.4	70 - 130	
		Sodium	28	1	25	3	99.6	70 - 130	

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

Sample ID	RunNo: 72759	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1107464-001ASD	07/28/11 15:45	Calcium	37	1	36	2.79	104	20	
		Magnesium	36	1	36	2.10	109	20	
		Potassium	40	1	39	2.77	103	20	
		Sodium	29	1	28	3.92	104	20	

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

Sample ID	RunNo: 72759	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107463-002AD	07/28/11 15:38	Calcium	10	1	9	2.63		20	
		Magnesium	5	1	5	3.31		20	
		Potassium	7	1	7	1.37		20	
		Sodium	526	1	512	2.87		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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Nitrogen, Ammonia (as N)

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

Sample ID	RunNo: 72992	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	08/03/11 11:53	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 72992	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	08/03/11 11:55	Nitrogen, Ammonia (As N)	8.2	0.1	8.93		91.3	90 - 110	

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

Sample ID	RunNo: 72992	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107455-001C	08/03/11 12:22	Nitrogen, Ammonia (As N)	12.7	0.1	10	2.1	105	80 - 120	

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

Sample ID	RunNo: 72992	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107455-001C	08/03/11 12:21	Nitrogen, Ammonia (As N)	2.1	0.1	2.1	0.0567		20	

Nitrogen, Nitrate-Nitrite (as N)

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

Sample ID	RunNo: 72840	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	07/31/11 11:42	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 72840	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	07/31/11 11:44	Nitrogen, Nitrate-Nitrite (as N)	10.1	0.1	10		101	90 - 110	

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

Sample ID	RunNo: 72840	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107455-001C	07/31/11 12:45	Nitrogen, Nitrate-Nitrite (as N)	9.6	0.1	10	0.3	93.4	80 - 120	

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

Sample ID	RunNo: 72840	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107455-001C	07/31/11 12:44	Nitrogen, Nitrate-Nitrite (as N)	0.3	0.1	0.3	0.999		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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

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

Sample ID	RunNo: 73546	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-217	08/16/11 11:09	Lead 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 73549	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-217	08/15/11 17:07	Polonium 210 (Dissolved)	ND	1					
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Sample ID	RunNo: 73556	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-221	08/18/11 9:45	Lead 210 (Suspended)	ND	1					
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Sample ID	RunNo: 73557	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-221	08/16/11 16:44	Polonium 210 (Suspended)	ND	1					
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Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 73546	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-217	08/16/11 11:09	Lead 210 (Dissolved)	16	1	13		126	67.6 - 131	
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Sample ID	RunNo: 73549	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-217 PO	08/15/11 17:07	Polonium 210 (Dissolved)	4	1	3.21		130	35.1 - 175	
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Sample ID	RunNo: 73556	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-221	08/18/11 9:45	Lead 210 (Suspended)	13	1	13		96.9	60.3 - 141	
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Sample ID	RunNo: 73557	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-221	08/16/11 16:44	Polonium 210 (Suspended)	3	1	3.15		100	48.6 - 156	
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Sample Type **MS** Units: pCi/L

Sample ID	RunNo: 73546	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1107427-001FMS	08/16/11 11:09	Lead 210 (Dissolved)	110	1	13	101	70.1	66 - 133	
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Sample ID	RunNo: 73549	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1107427-001FMS	08/15/11 17:07	Polonium 210 (Dissolved)	16	1	13	10	43.0	20.9 - 160	
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Sample ID	RunNo: 73556	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1107418-001FMS	08/18/11 9:45	Lead 210 (Suspended)	13	1	13	ND	97.6	62.4 - 132	
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Sample ID	RunNo: 73557	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1107418-001FMS	08/16/11 16:44	Polonium 210 (Suspended)	13	1	13	ND	102	28 - 173	
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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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Lead 210 and Polonium 210

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

Sample ID	RunNo: 73546	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1107454-001FDUP	08/16/11 11:09	Lead 210 (Dissolved)	1	1	3	59.9		20	R
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Sample ID	RunNo: 73549	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1107454-001FDUP	08/15/11 17:07	Polonium 210 (Dissolved)	ND	1	ND			20	
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Sample ID	RunNo: 73556	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1107425-001FDUP	08/18/11 9:45	Lead 210 (Suspended)	ND	1	ND			20	
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Sample ID	RunNo: 73557	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1107425-001FDUP	08/16/11 16:44	Polonium 210 (Suspended)	ND	1	ND			20	
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Radium 228

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

Sample ID	RunNo: 73374	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB11-220B	08/12/11 16:13	Radium 228 (Dissolved)	ND	1					
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Sample Type **LCS** Units: pCi/L

Sample ID	RunNo: 73374	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS11-220B	08/12/11 16:13	Radium 228 (Dissolved)	10	1	9.3		109	74.9 - 122	
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Sample Type **MS** Units: pCi/L

Sample ID	RunNo: 73374	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1108010-001CMS	08/12/11 16:13	Radium 228 (Dissolved)	9	1	9.3	ND	94.5	48.4 - 167	
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Sample Type **DUP** Units: pCi/L

Sample ID	RunNo: 73374	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1108020-002ADUP	08/12/11 16:13	Radium 228 (Dissolved)	ND	1	ND			20	
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- 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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Radium 226 by SM 7500

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

Sample ID	RunNo: 73377	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-213B	08/09/11 8:57	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 73444	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-220	08/15/11 15:02	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 73377	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-213B	08/09/11 8:57	Radium 226 (Dissolved)	5.4	0.2	5		109	62.5 - 125	

Sample ID	RunNo: 73444	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-220	08/15/11 15:02	Radium 226 (Suspended)	4.8	0.2	5		96.3	56.4 - 132	

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

Sample ID	RunNo: 73377	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107426-001FMS	08/09/11 8:57	Radium 226 (Dissolved)	5.2	0.2	5	0.3	98.3	41.6 - 146	

Sample ID	RunNo: 73444	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107455-001FMS	08/15/11 17:13	Radium 226 (Suspended)	4.7	0.2	5	ND	92.9	51.4 - 135	

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

Sample ID	RunNo: 73377	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107425-001FDUP	08/09/11 8:57	Radium 226 (Dissolved)	0.4	0.2	0.5	8.36		20	

Sample ID	RunNo: 73444	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107454-001FDUP	08/15/11 17:13	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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

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

Sample ID	RunNo: 73364	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-215	08/11/11 12:30	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 73466	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-221	08/15/11 8:38	Thorium 230 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 73364	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-215	08/11/11 12:31	Thorium 230 (Dissolved)	12	0.2	12		98.8	67.1 - 134	

Sample ID	RunNo: 73466	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-221	08/15/11 8:38	Thorium 230 (Suspended)	13	0.2	12		102	69.2 - 127	

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

Sample ID	RunNo: 73364	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107508-001EDUP	08/11/11 12:31	Thorium 230 (Dissolved)	ND	0.2	ND			20	

Sample ID	RunNo: 73466	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1108111-003EDUP	08/15/11 8:38	Thorium 230 (Dissolved)	ND	0.2	ND			20	

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

Sample ID	RunNo: 73365	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R73365	07/28/11 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 73365	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R73365	07/28/11 0:00	Radon-222	21900	100	22500		97.3	75 - 125	L

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

Sample ID	RunNo: 73365	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107455-001A	07/28/11 0:00	Radon-222	1450	50	1500	3.33		20	L

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

Sample ID	RunNo: 72762	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK DISS/CAT	07/28/11 14:35	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 72762	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DISS LCS Q	07/28/11 14:37	Silica as SiO2	2.0	0.1	2.14		95.4	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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Solids By SM 2540

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

Sample ID	RunNo: 73063	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	07/29/11 14:10	Total Dissolved Solids (180)	ND	10					

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

Sample ID	RunNo: 73063	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
CONTROL	07/29/11 14:15	Total Dissolved Solids (180)	220	10	226		96.5	90 - 110	

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

Sample ID	RunNo: 73063	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107456-001A	07/29/11 14:50	Total Dissolved Solids (180)	1740	10	1760	0.683		20	

Total (200.2) Metals by EPA 200.7 ICP - Water

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

Sample ID	RunNo: 72901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-5341	08/01/11 17:48	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 72901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-5341	08/01/11 17:50	Iron	0.48	0.05	0.5		96.3	85 - 115	
		Manganese	0.20	0.02	0.2		98.2	85 - 115	

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

Sample ID	RunNo: 72901	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1107425-001ES	08/01/11 17:55	Iron	0.59	0.05	0.5	0.10	96.9	70 - 130	
		Manganese	0.21	0.02	0.2	ND	101	70 - 130	

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

Sample ID	RunNo: 72901	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107426-001ED	08/01/11 18:09	Iron	0.22	0.05	0.22	1.08		20	
		Manganese	ND	0.02	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: S1107455
Project: Reno Creek Project

Date: 8/25/2011
Report ID: S1107455001

Suspended Natural Uranium

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

Sample ID	RunNo: 73195	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK	08/09/11 12:49	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 73195	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	08/09/11 12:45	Uranium Suspended	0.105	0.0003	0.1		105	85 - 115	

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

Sample ID	RunNo: 73195	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1108044-001FS	08/09/11 15:18	Uranium Suspended	1.09	0.0003	1.1	0.0008	99.4	70 - 130	

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

Sample ID	RunNo: 73195	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1108044-001FD	08/09/11 15:14	Uranium Suspended	0.0007	0.0003	0.0008	13.0		20	

pH Water

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	07/28/11 15:04	pH	8.5	0.1	8.48		99.8	90 - 110	

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

Sample ID	RunNo: 72760	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1107464-001AD	07/28/11 18:42	pH	8.1	0.1	7.8	4.84		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

