



Friday, March 25, 2011

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

RE: Reno Creek Project

Order No.: S1011047

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples Decon Blank, and SM5 on November 2, 2010.

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: 3/25/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1011047

CASE NARRATIVE
Report ID: S1011047005
(Replaces S1011047004)

Samples Decon Blank, and SM5 were received on November 2, 2010.

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).

The following sample was originally analyzed within holding time for NH3. Reruns on NH3 were requested by Client to verify the detection of the analyte above the report limit. Reanalysis for NH3 showed no analyte detected in the sample, however the results may have a low bias due to re-analysis past the recommended holding time, and are flagged accordingly.

Qualifiers by sample

S1011047-002 - General Parameters/Nitrogen, Ammonia (As N) - Holding times for preparation or analysis exceeded

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Project: Reno Creek Project
Lab ID: S1011047-001
Client Sample ID: SM5
COC:

Work Order: S1011047
Collection Date: 10/29/2010 12:15:00 PM
Date Received: 11/2/2010 10:47:00 AM
Sampler: TN
Matrix: Water

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
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Field						
pH Reading 1	7.35			s.u.	10/29/2010 1215	Field
pH Reading 2	7.35			s.u.	10/29/2010 1215	Field
pH Reading 3	7.36			s.u.	10/29/2010 1215	Field
Conductivity Reading 1	3186			µmhos/cm	10/29/2010 1215	Field
Conductivity Reading 2	3186			µmhos/cm	10/29/2010 1215	Field
Conductivity Reading 3	3186			µmhos/cm	10/29/2010 1215	Field
Turbidity Reading 1	2.80			NTU	10/29/2010 1215	Field
Turbidity Reading 2	2.83			NTU	10/29/2010 1215	Field
Turbidity Reading 3	2.81			NTU	10/29/2010 1215	Field
Dissolved Oxygen Reading 1	.09			mg/l	10/29/2010 1215	Field
Dissolved Oxygen Reading 2	.08			mg/l	10/29/2010 1215	Field
Dissolved Oxygen Reading 3	.08			mg/l	10/29/2010 1215	Field
Temperature Reading 1	15.97			°C	10/29/2010 1215	Field
Temperature Reading 2	16.11			°C	10/29/2010 1215	Field
Temperature Reading 3	16.19			°C	10/29/2010 1215	Field
Oxygen Reduction Potential Reading 1	NA			mV	10/29/2010 1215	Field
Oxygen Reduction Potential Reading 2	NA			mV	10/29/2010 1215	Field
Oxygen Reduction Potential Reading 3	NA			mV	10/29/2010 1215	Field
Purge Rate Reading 1	100			ml/min	10/29/2010 1215	Field
Purge Rate Reading 2	100			ml/min	10/29/2010 1215	Field
Purge Rate Reading 3	100			ml/min	10/29/2010 1215	Field
Water Level Reading 1	37.91			Ft	10/29/2010 1215	Field
Water Level Reading 2	37.94			Ft	10/29/2010 1215	Field
Water Level Reading 3	37.95			Ft	10/29/2010 1215	Field

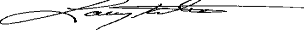
General Parameters						
pH	8.0	0.1		s.u.	11/04/2010 000 KO	SM 4500 H B
Electrical Conductivity	3010	5		µmhos/cm	11/04/2010 000 KO	SM 2510B
Total Dissolved Solids (180)	3040	10		mg/L	11/11/2010 1130 JF	SM 2540
Solids, Total Dissolved (Calc)	2590	10		mg/L	11/16/2010 942 LJK	SM 1030E
Alkalinity, Total (As CaCO3)	477	5		mg/L	11/04/2010 000 KO	SM 2320B
Nitrogen, Ammonia (As N)	1.5	0.1		mg/L	11/15/2010 1231 AS	EPA 350.1
Silica as SiO2	9	1		mg/L	11/03/2010 1641 DG	EPA 200.7

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

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Project: Reno Creek Project
Lab ID: S1011047-001
Client Sample ID: SM5
COC:

Work Order: S1011047
Collection Date: 10/29/2010 12:15:00 PM
Date Received: 11/2/2010 10:47:00 AM
Sampler: TN
Matrix: Water

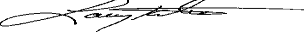
Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Anions						
Alkalinity, Bicarbonate as HCO3	581	5		mg/L	11/04/2010 000 KO	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	11/04/2010 000 KO	SM 2320B
Chloride	5	1		mg/L	11/03/2010 1716 KO	EPA 300.0
Fluoride	0.1	0.1		mg/L	11/04/2010 000 KO	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.1		mg/L	11/12/2010 1147 AS	EPA 353.2
Sulfate	1540	1		mg/L	11/03/2010 1716 KO	EPA 300.0
Cations						
Calcium	436	1		mg/L	11/03/2010 1641 DG	EPA 200.7
Magnesium	121	1		mg/L	11/03/2010 1641 DG	EPA 200.7
Potassium	13	1		mg/L	11/03/2010 1641 DG	EPA 200.7
Sodium	184	1		mg/L	11/03/2010 1641 DG	EPA 200.7
Cation / Anion Balance						
Cation Sum	40.04	0		meq/L	11/16/2010 942 LJK	SM 1030E
Anion Sum	41.81	0		meq/L	11/16/2010 942 LJK	SM 1030E
Cation-Anion Balance	2.17	0		%	11/16/2010 942 LJK	SM 1030E
Radiochemistry						
Gross Alpha	7.1 ± 3.4	2		pCi/L	11/14/2010 2244 SH	SM 7110B
Gross Beta	14.5 ± 4.6	3		pCi/L	11/14/2010 2244 SH	SM 7110B
Lead 210 (Dissolved)	<1	1		pCi/L	11/19/2010 1347 SH	OTW01
Lead 210 (Suspended)	<1	1		pCi/L	11/19/2010 1608 SH	OTW01
Polonium 210 (Dissolved)	<1	1		pCi/L	11/19/2010 938 SH	OTW01
Polonium 210 (Suspended)	<1	1		pCi/L	11/19/2010 1052 SH	OTW01
Radium 226 (Dissolved)	2.0 ± 0.2	0.2		pCi/L	11/12/2010 928 SH	SM 7500-Ra B
Radium 226 (Suspended)	<0.2	0.2		pCi/L	12/03/2010 1321 SH	SM 7500-Ra B
Radium 228 (Dissolved)	1.46 ± 1.3	1		pCi/L	11/17/2010 2015 SH	Ra-05
Thorium 230 (Dissolved)	<0.2	0.2		pCi/L	11/22/2010 1828 WL	ACW10
Thorium 230 (Suspended)	<0.2	0.2		pCi/L	11/22/2010 1828 WL	ACW10
Uranium Suspended	<0.0003	0.0003		mg/L	11/08/2010 1616 MS	EPA 200.8

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- E Value above quantitation range
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Reviewed by: 
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Project: Reno Creek Project
Lab ID: S1011047-001
Client Sample ID: SM5
COC:

Work Order: S1011047
Collection Date: 10/29/2010 12:15:00 PM
Date Received: 11/2/2010 10:47:00 AM
Sampler: TN
Matrix: Water

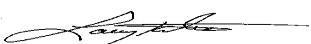
Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Aluminum	ND	0.1		mg/L	11/03/2010 1641 DG	EPA 200.7
Arsenic	0.003	0.001		mg/L	11/02/2010 1509 MS	EPA 200.8
Barium	ND	0.1		mg/L	11/02/2010 1509 MS	EPA 200.8
Boron	ND	0.1		mg/L	11/03/2010 1641 DG	EPA 200.7
Cadmium	ND	0.001		mg/L	11/02/2010 1509 MS	EPA 200.8
Chromium	ND	0.01		mg/L	11/03/2010 1641 DG	EPA 200.7
Copper	ND	0.01		mg/L	11/02/2010 1509 MS	EPA 200.8
Iron	ND	0.05		mg/L	11/03/2010 1641 DG	EPA 200.7
Lead	ND	0.01		mg/L	11/02/2010 1509 MS	EPA 200.8
Manganese	0.72	0.01		mg/L	11/03/2010 1641 DG	EPA 200.7
Mercury	ND	0.001		mg/L	11/05/2010 1121 BK	EPA 245.1
Molybdenum	0.01	0.01		mg/L	11/02/2010 1509 MS	EPA 200.8
Nickel	ND	0.05		mg/L	11/03/2010 1641 DG	EPA 200.7
Selenium	ND	0.005		mg/L	11/02/2010 1509 MS	EPA 200.8
Uranium	0.0026	0.0003		mg/L	11/02/2010 1509 MS	EPA 200.8
Vanadium	ND	0.1		mg/L	11/02/2010 1509 MS	EPA 200.8
Zinc	0.01	0.01		mg/L	11/03/2010 1641 DG	EPA 200.7
Total Metals						
Iron	0.97	0.05		mg/L	11/03/2010 1933 DG	EPA 200.7
Manganese	0.86	0.01		mg/L	11/03/2010 1933 DG	EPA 200.7

These results apply only to the samples tested.

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 - 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

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Project: Reno Creek Project
Lab ID: S1011047-002
Client Sample ID: Decon Blank
COC:

Work Order: S1011047
Collection Date: 10/29/2010 2:30:00 PM
Date Received: 11/2/2010 10:47:00 AM
Sampler: TN
Matrix: Water

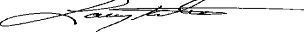
Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
pH	6.4	0.1		s.u.	11/04/2010 1410 KO	SM 4500 H B
Electrical Conductivity	ND	5		µmhos/cm	11/04/2010 1410 KO	SM 2510B
Total Dissolved Solids (180)	ND	10		mg/L	11/16/2010 1000 JF	SM 2540
Solids, Total Dissolved (Calc)	ND	10		mg/L	11/16/2010 942 LJK	SM 1030E
Alkalinity, Total (As CaCO3)	ND	5		mg/L	11/12/2010 1534 KO	SM 2320B
Nitrogen, Ammonia (As N)	ND	0.1	H	mg/L	12/14/2010 1538 AS	EPA 350.1
Silica as SiO2	ND	1		mg/L	11/03/2010 1650 DG	EPA 200.7
Anions						
Alkalinity, Bicarbonate as HCO3	ND	5		mg/L	11/12/2010 1534 KO	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	11/12/2010 1534 KO	SM 2320B
Chloride	ND	1		mg/L	11/12/2010 1726 KO	EPA 300.0
Fluoride	ND	0.1		mg/L	11/04/2010 1410 KO	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.1		mg/L	11/12/2010 1148 AS	EPA 353.2
Sulfate	ND	1		mg/L	11/12/2010 1726 KO	EPA 300.0
Cations						
Calcium	ND	1		mg/L	11/03/2010 1650 DG	EPA 200.7
Magnesium	ND	1		mg/L	11/03/2010 1650 DG	EPA 200.7
Potassium	ND	1		mg/L	11/03/2010 1650 DG	EPA 200.7
Sodium	ND	1		mg/L	11/03/2010 1650 DG	EPA 200.7
Cation / Anion Balance						
Cation Sum	ND	0		meq/L	11/16/2010 942 LJK	SM 1030E
Anion Sum	ND	0		meq/L	11/16/2010 942 LJK	SM 1030E
Cation-Anion Balance	ND	0		%	11/16/2010 942 LJK	SM 1030E
Radiochemistry						
Radium 226	<0.2	0.2		pCi/L	11/12/2010 928 SH	SM 7500-Ra B

These results apply only to the samples tested.

RL - Reporting Limit

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- E Value above quantitation range
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Reviewed by: 
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

CLIENT: AUC LLC
1536 Cole Blvd
Suite 330
Lakewood, CO 80401

Date Reported: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Project: Reno Creek Project
Lab ID: S1011047-002
Client Sample ID: Decon Blank
COC:

Work Order: S1011047
Collection Date: 10/29/2010 2:30:00 PM
Date Received: 11/2/2010 10:47:00 AM
Sampler: TN
Matrix: Water

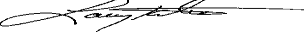
Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Aluminum	ND	0.1		mg/L	11/03/2010 1650 DG	EPA 200.7
Arsenic	ND	0.001		mg/L	11/02/2010 1513 MS	EPA 200.8
Barium	ND	0.1		mg/L	11/02/2010 1513 MS	EPA 200.8
Boron	ND	0.1		mg/L	11/03/2010 1650 DG	EPA 200.7
Cadmium	ND	0.001		mg/L	11/02/2010 1513 MS	EPA 200.8
Chromium	ND	0.01		mg/L	11/03/2010 1650 DG	EPA 200.7
Copper	ND	0.01		mg/L	11/02/2010 1513 MS	EPA 200.8
Iron	ND	0.05		mg/L	11/03/2010 1650 DG	EPA 200.7
Lead	ND	0.01		mg/L	11/02/2010 1513 MS	EPA 200.8
Manganese	ND	0.01		mg/L	11/03/2010 1650 DG	EPA 200.7
Mercury	ND	0.001		mg/L	11/05/2010 000 BK	EPA 245.1
Molybdenum	ND	0.01		mg/L	11/02/2010 1513 MS	EPA 200.8
Nickel	ND	0.05		mg/L	11/03/2010 1650 DG	EPA 200.7
Selenium	ND	0.005		mg/L	11/02/2010 1513 MS	EPA 200.8
Uranium	ND	0.0003		mg/L	11/02/2010 1513 MS	EPA 200.8
Vanadium	ND	0.1		mg/L	11/02/2010 1513 MS	EPA 200.8
Zinc	ND	0.01		mg/L	11/03/2010 1650 DG	EPA 200.7
Total Metals						
Iron	ND	0.05		mg/L	11/03/2010 1935 DG	EPA 200.7
Manganese	ND	0.01		mg/L	11/03/2010 1935 DG	EPA 200.7
Uranium	ND	0.001		mg/L	11/03/2010 1348 MS	EPA 200.8

These results apply only to the samples tested.

- 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

RL - Reporting Limit

- 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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Alkalinity**

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

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/12/10 15:28 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/03/10 13:54 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/04/10 6:47 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/04/10 13:40 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/04/10 22:37 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/15/10 10:19 Alkalinity, Total (As CaCO3) ND 5

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

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/03/10 13:45 Alkalinity, Total (As CaCO3) 482 5 473 102 96.6 - 103

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/04/10 6:38 Alkalinity, Total (As CaCO3) 481 5 473 102 96.6 - 103

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/04/10 13:30 Alkalinity, Total (As CaCO3) 480 5 473 101 96.6 - 103

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/04/10 22:27 Alkalinity, Total (As CaCO3) 483 5 473 102 96.6 - 103

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/12/10 15:19 Alkalinity, Total (As CaCO3) 478 5 473 101 96.6 - 103

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/15/10 10:09 Alkalinity, Total (As CaCO3) 474 5 473 100 96.6 - 103

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Conductivity**

Sample Type **MBLK** Units: μ mhos/cm

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/12/10 15:28 Electrical Conductivity ND 5

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/03/10 13:54 Electrical Conductivity ND 5

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/04/10 6:47 Electrical Conductivity ND 5

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/04/10 13:40 Electrical Conductivity ND 5

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/04/10 22:37 Electrical Conductivity ND 5

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 11/15/10 10:19 Electrical Conductivity ND 5

Sample Type **LCS** Units: μ mhos/cm

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/03/10 13:45 Electrical Conductivity 1030 5 1000 103 95.2 - 105

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/04/10 6:38 Electrical Conductivity 1010 5 1000 101 95.2 - 105

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/04/10 13:30 Electrical Conductivity 1010 5 1000 101 95.2 - 105

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/04/10 22:27 Electrical Conductivity 993 5 1000 99.3 95.2 - 105

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/12/10 15:19 Electrical Conductivity 986 5 1000 98.6 95.2 - 105

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 11/15/10 10:09 Electrical Conductivity 1050 5 1000 105 95.2 - 105

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
 (Replaces S1011047004)

Test: **Dissolved Mercury by EPA 245.1 - Water**

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

Sample ID	RunNo: 64703	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	11/05/10 8:45	Mercury	ND	0.001					

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

Sample ID	RunNo: 64703	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	11/05/10 8:43	Mercury	0.002	0.001	0.002		98.5	85 - 115	

Test: **Dissolved Metals by ICP - EPA 200.7 - Water**

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

Sample ID	RunNo: 64613	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/03/10 14:56	Aluminum	ND	0.1					
		Boron	ND	0.03					
		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: 64613	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	11/03/10 14:58	Aluminum	1.1	0.1	1		105	85 - 115	
		Boron	1.03	0.03	1		103	85 - 115	
		Chromium	1.04	0.01	1		104	85 - 115	
		Iron	1.02	0.05	1		102	85 - 115	
		Manganese	1.04	0.02	1		104	85 - 115	
		Nickel	1.02	0.01	1		102	85 - 115	
		Zinc	1.02	0.01	1		102	85 - 115	

Test: **Dissolved Metals by ICPMS EPA 200.8 - Water**

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

Sample ID	RunNo: 64564	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Init Cal Blank	11/02/10 14:33	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					

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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Dissolved Metals by ICPMS EPA 200.8 - Water**

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

Sample ID	RunNo: 64564	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
lcs	11/02/10 14:41	Arsenic	0.098	0.005	0.1		98.2	85 - 115	
		Barium	ND	0.5	0.1		98.8	85 - 115	
		Cadmium	0.100	0.002	0.1		99.9	85 - 115	
		Copper	0.10	0.01	0.1		96.6	85 - 115	
		Lead	0.10	0.02	0.1		95.4	85 - 115	
		Molybdenum	0.10	0.02	0.1		95.9	85 - 115	
		Selenium	0.100	0.005	0.1		99.8	85 - 115	
		Uranium	0.098	0.001	0.1		97.8	85 - 115	
		Vanadium	0.10	0.02	0.1		99.6	85 - 115	

Test: **Fluoride by SM 4500**

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

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/12/10 15:28	Fluoride	ND	0.1					

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/03/10 13:54	Fluoride	ND	0.1					

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/04/10 6:47	Fluoride	ND	0.1					

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/04/10 13:40	Fluoride	ND	0.1					

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/04/10 22:37	Fluoride	ND	0.1					

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/15/10 10:19	Fluoride	ND	0.1					

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

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/03/10 13:45	Fluoride	3.1	0.1	2.82		111	86.1 - 114	

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/04/10 6:06	Fluoride	2.9	0.1	2.82		102	86.1 - 114	

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/04/10 13:30	Fluoride	2.9	0.1	2.82		103	86.1 - 114	

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
 (Replaces S1011047004)

Test: **Fluoride by SM 4500**

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

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/04/10 22:27	Fluoride	2.9	0.1	2.82		104	86.1 - 114	
Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/12/10 15:19	Fluoride	2.6	0.1	2.82		91.2	86.1 - 114	
Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/15/10 10:09	Fluoride	3.1	0.1	2.82		111	86.1 - 114	

Test: **Gross Alpha, Beta by SM 7110B**

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

Sample ID	RunNo: 64979	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB10-316	11/14/10 22:44	Gross Alpha	ND	2					
		Gross Beta	ND	3					
Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-067	03/10/11 9:30	Gross Alpha	ND	2					
		Gross Beta	ND	3					

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

Sample ID	RunNo: 64979	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS10-316ALPHA	11/14/10 22:44	Gross Alpha	64	2	69		93.3	72.6 - 137	
Sample ID	RunNo: 64979	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS10-316BETA	11/14/10 22:44	Gross Beta	118	3	130		91.3	72.6 - 137	
Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-067	03/10/11 9:30	Gross Alpha	75	2	69		108	72.6 - 137	
		Gross Beta	130	3	130		100	72.6 - 137	

Test: **Anions by ION Chromatography**

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

Sample ID	RunNo: 64617	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	11/03/10 0:00	Chloride	ND	1					
		Sulfate	ND	1					
Sample ID	RunNo: 64933	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	11/12/10 0:00	Chloride	ND	1					
		Sulfate	ND	1					

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
 (Replaces S1011047004)

Test: **Anions by ION Chromatography**Sample Type **LCS** Units: mg/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	11/03/10 6:40	Sulfate	142	1	150		94.6	90 - 110	
DIONEX	11/03/10 6:48	Chloride	32	1	30		106	90 - 110	
DIONEX	11/12/10 11:00	Sulfate	140	1	150		93.6	90 - 110	
DIONEX	11/12/10 11:11	Chloride	28	1	30		92.9	90 - 110	

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/03/10 14:56	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV 3	11/03/10 15:01	Calcium	40	1	40		99.3	85 - 115	
		Magnesium	40	1	40		101	85 - 115	
		Potassium	42	1	40		104	85 - 115	
		Sodium	42	1	40		104	85 - 115	

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Blank	11/15/10 12:20	Nitrogen, Ammonia (As N)	ND	0.1					
Blank	12/14/10 15:32	Nitrogen, Ammonia (As N)	ND	0.1					
QC	11/15/10 12:22	Nitrogen, Ammonia (As N)	15.2	0.1	16		94.5	90 - 110	

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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Nitrogen, Ammonia (as N)**

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

Sample ID	RunNo: 65839	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	12/14/10 15:34	Nitrogen, Ammonia (As N)	15.7	0.1	16		97.8	90 - 110	

Test: **Nitrogen, Nitrate-Nitrite (as N)**

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

Sample ID	RunNo: 64906	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
blk	11/12/10 10:51	Nitrogen, Nitrate-Nitrite (as N)	ND	0.05					

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

Sample ID	RunNo: 64906	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	11/12/10 10:53	Nitrogen, Nitrate-Nitrite (as N)	30.7	0.05	28.7		107	90 - 110	

Test: **Lead 210 and Polonium 210**

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

Sample ID	RunNo: 65284	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65284	11/19/10 13:47	Lead 210 (Dissolved)	ND	1					

Sample ID	RunNo: 65284	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65284	11/19/10 13:47	Lead 210 (Suspended)	ND	1					

Sample ID	RunNo: 65284	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65284	11/19/10 9:38	Polonium 210 (Dissolved)	ND	1					

Sample ID	RunNo: 65284	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65284	11/19/10 9:38	Polonium 210 (Suspended)	ND	1					

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

Sample ID	RunNo: 65284	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65284	11/19/10 13:47	Lead 210 (Dissolved)	12	1	11.1		105	50 - 150	
		Lead 210 (Suspended)	12	1	11.1		105	50 - 150	

Sample ID	RunNo: 65284	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65284	11/19/10 9:38	Polonium 210 (Dissolved)	17	1	15.1		113	50 - 150	
		Polonium 210 (Suspended)	17	1	15.1		113	50 - 150	

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
 (Replaces S1011047004)

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

Sample ID	RunNo: 65220	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB10-313	11/17/10 20:15	Radium 228 (Dissolved)	ND	1					

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

Sample ID	RunNo: 65220	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS10-313	11/17/10 20:15	Radium 228 (Dissolved)	13	1	14.4		91.3	63.8 - 119	

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

Sample ID	RunNo: 64903	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R64903	11/12/10 9:28	Radium 226	ND	0.2					
		Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 65581	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65581	12/03/10 13:21	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 64903	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R64903	11/12/10 9:28	Radium 226	8.2	0.2	9.52		85.6	69.3 - 130	
		Radium 226 (Dissolved)	8.2	0.2	9.52		85.6	69.3 - 130	

Sample ID	RunNo: 65581	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65581	12/03/10 13:21	Radium 226 (Suspended)	8.5	0.2	9.52		89.4	69.3 - 130	

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

Sample ID	RunNo: 64903	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1011047-001FMS	11/12/10 9:28	Radium 226 (Dissolved)	9.5	0.2	9.52	2.0	78.5	54.6 - 137	

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

Sample ID	RunNo: 64903	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1011047-002EDUP	11/12/10 9:28	Radium 226	ND	0.2	ND	0		20	

Test: **Thorium 230 in Water**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 65242	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R65242	11/22/10 18:28	Thorium 230 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 65242	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R65242	11/22/10 18:28	Thorium 230 (Suspended)	12	0.2	12		97.1	50 - 150	

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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Silica as SiO2**

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

Sample ID	RunNo: 64615	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	11/03/10 14:56	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 64615	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	11/03/10 14:58	Silica as SiO2	2.1	0.1	2.14		98.3	85 - 115	

Test: **Solids By SM 2540**

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

Sample ID	RunNo: 64685	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/03/10 14:00	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 64685	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/03/10 14:05	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 64685	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	11/03/10 14:10	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 64894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/11/10 11:30	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 64894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/11/10 11:35	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 64894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	11/11/10 11:40	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 65072	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/16/10 10:00	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 65072	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Air	11/16/10 10:05	Total Dissolved Solids (180)	ND	10					

Sample ID	RunNo: 65072	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DI	11/16/10 10:10	Total Dissolved Solids (180)	ND	10					

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

Sample ID	RunNo: 64685	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Control	11/03/10 14:15	Total Dissolved Solids (180)	230	10	226		102	90 - 110	

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Solids By SM 2540**

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

Sample ID	RunNo: 64894	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Control 11/11/10 11:45 Total Dissolved Solids (180) 230 10 226 102 90 - 110

Sample ID	RunNo: 65072	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Control 11/16/10 10:15 Total Dissolved Solids (180) 210 10 226 94.7 90 - 110

Test: **Total (200.2) Metals by EPA 200.7 ICP - Water**

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

Sample ID	RunNo: 64620	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLK 11/3 TOT -4620 11/03/10 19:09 Iron ND 0.05
Manganese ND 0.02

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

Sample ID	RunNo: 64620	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS 11/3 TOT -4620 11/03/10 19:12 Iron 0.47 0.05 0.5 94.2 85 - 115
Manganese 0.19 0.02 0.2 95.3 85 - 115

Test: **Total (200.2) Metals by EPA 200.8 - Water**

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

Sample ID	RunNo: 64604	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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t blk 11-3 T-4620 11/03/10 13:26 Uranium ND 0.001

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

Sample ID	RunNo: 64604	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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dig lcs 11-3 T-4620 11/03/10 13:22 Uranium 0.096 0.001 0.1 96.4 85 - 115

Test: **Suspended Natural Uranium**

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

Sample ID	RunNo: 64743	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Init Cal Blank 11/08/10 12:07 Uranium Suspended ND 0.001

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

Sample ID	RunNo: 64743	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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lcs 11/08/10 12:15 Uranium Suspended 0.096 0.001 0.1 96.1 90 - 110

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

Sample ID	RunNo: 64743	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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S1011047-001Gs 11/08/10 16:23 Uranium Suspended 1.04 0.001 1.1 ND 94.9 70 - 130

- 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: S1011047
Project: Reno Creek Project

Date: 3/25/2011
Report ID: S1011047005
(Replaces S1011047004)

Test: **Suspended Natural Uranium**

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

Sample ID	RunNo: 64743	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1011047-001G	11/08/10 16:20	Uranium Suspended	ND	0.0003	ND	0		0	

Test: **pH Water**

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

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/12/10 15:28	pH	6.1	0.1					

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/03/10 13:54	pH	6.0	0.1					

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/04/10 6:47	pH	6.1	0.1					

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/04/10 13:40	pH	6.1	0.1					

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/04/10 22:37	pH	6.2	0.1					

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	11/15/10 10:19	pH	6.2	0.1					

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

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/03/10 13:45	pH	10.9	0.1	10.7		102	94.8 - 105	

Sample ID	RunNo: 64614	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/04/10 6:38	pH	11.0	0.1	10.7		103	94.8 - 105	

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/04/10 13:30	pH	10.9	0.1	10.7		102	94.8 - 105	

Sample ID	RunNo: 64658	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/04/10 22:27	pH	10.5	0.1	10.7		98.3	94.8 - 105	

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/12/10 15:19	pH	10.8	0.1	10.7		101	94.8 - 105	

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: S1011047
Project: Reno Creek Project

Date: 3/25/2011

Report ID: S1011047005
(Replaces S1011047004)

Test: **pH Water**

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

Sample ID	RunNo: 64944	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	11/15/10 10:09	pH	11.0	0.1	10.7		102	94.8 - 105	

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



Inter-Mountain Labs, Inc.
Sheridan, WY and Gillette, WY

- CHAIN OF CUSTODY RECORD -

WEB

All shaded fields must be completed.
 This is a legal document; any misrepresentation may be construed as fraud.

Client Name: **AUC, LLC**
 Report Address: **pcavendor@bayswateruranium.com**
 Invoice Address: **AUC, LLC**
 Project Identification: **2010-101**
 Contact Name and Email: **Jim Shriver jshrivier@treccorp.com**
 Voice: **307-265-0696**
 FAX: **307-265-2498**
 Purchase Order #:
 Quote #:
 Reno Creek Project
 Sampler (Signature/Attestation of Authenticity): **Mar. McCleskey 307-265-0696**
 Telephone #:

ITEM	LAB ID	DATE	TIME	SAMPLE IDENTIFICATION	Matrix	# of Containers	ANALYSES / PARAMETERS	REMARKS
1		10/29	12:15	5MS	W	9		
2								
3		10/29	2:30	Duran Blank	W	9		
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

LAB COMMENTS		DATE	TIME	DATE	TIME
Relinquished By (Signature/Printed)					
 Mar. McCleskey Treccorp 10/29					
 Kathy Bopp		10/29/10	10:47		

SHIPPING INFO		MATRIX CODES		TURN AROUND TIMES		COMPLIANCE INFORMATION		ADDITIONAL REMARKS	
<input type="checkbox"/> UPS	<input type="checkbox"/> Fed Express	Water	WT	Check desired service	Compliance Monitoring?	Y/N			
<input type="checkbox"/> US Mail	<input type="checkbox"/> Hand Carried	Soil	SL	Standard turnaround	Program (SDWA, NPDES, ...)	Y/N			
<input type="checkbox"/> Other		Solid	SD	RUSH - 5 Working Days	PWSID / Permit #	Y/N			
		Trip Blank	TB	URGENT - < 2 Working Days	Chlorinated?	Y/N			
		Other	OT	Rush & Urgent Surcharges will be applied	Sample Disposal:	Lab			
					Client				