



Friday, April 08, 2011

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

RE: Reno Creek Project

Order No.: S1102204

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples PZM16-001-110216, and PZM17-001-110216 on February 17, 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: 4/8/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1102204

CASE NARRATIVE
Report ID: S1102204002
(Replaces S1102204001)

Samples PZM16-001-110216, and PZM17-001-110216 were received on February 17, 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

S1102204-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
S1102204-002 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Qualifiers by sample

LCS-R67918 - General Parameters/Radon-222 - Analyzed by a contract laboratory
MB-R67918 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1102204-001
ClientSample ID: PZM17-001-110216
COC: RC 08008

Date Reported 4/8/2011
Report ID S1102204002
(Replaces S1102204001)
WorkOrder: S1102204
CollectionDate: 2/16/2011 2:15:00 PM
DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
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

ProjectName: Reno Creek Project
Lab ID: S1102204-001
ClientSample ID: PZM17-001-110216
COC: RC 08008

Date Reported: 4/8/2011
Report ID: S1102204002
(Replaces S1102204001)

WorkOrder: S1102204
CollectionDate: 2/16/2011 2:15:00 PM
DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Anions/Cations							
Alkalinity, Total (As CaCO3)	93	mg/L		5	SM 2320B	2/18/2011 3:07:24 PM	AMB
Alkalinity, Bicarbonate as HCO3	114	mg/L		5	SM 2320B	2/18/2011 3:07:24 PM	AMB
Alkalinity, Carbonate as CO3	ND	mg/L		5	SM 2320B	2/18/2011 3:07:24 PM	AMB
Chloride	3	mg/L		1	EPA 300.0	2/18/2011 8:23:00 PM	KO
Fluoride	0.1	mg/L		0.1	SM 4500FC	2/18/2011 3:07:24 PM	AMB
Nitrogen, Nitrate-Nitrite (as N)	ND	mg/L		0.1	EPA 353.2	2/24/2011 4:00:00 PM	AS
Sulfate	396	mg/L		1	EPA 300.0	2/18/2011 8:23:00 PM	KO
Calcium	62	mg/L		1	EPA 200.7	2/18/2011 1:40:36 PM	DG
Magnesium	13	mg/L		1	EPA 200.7	2/18/2011 1:40:36 PM	DG
Potassium	7	mg/L		1	EPA 200.7	2/18/2011 1:40:36 PM	DG
Sodium	143	mg/L		1	EPA 200.7	2/18/2011 1:40:36 PM	DG
Nitrogen, Ammonia (As N)	ND	mg/L		0.1	EPA 350.1	2/18/2011 2:03:00 PM	AS
Silica as SiO2	10	mg/L		1	EPA 200.7	2/18/2011 1:40:36 PM	DG
General Parameters							
pH	8.1	s.u.		0.1	SM 4500 H B	2/18/2011 3:07:24 PM	AMB
Electrical Conductivity	928	µmhos/cm		5	SM 2510B	2/18/2011 3:07:24 PM	AMB
Total Dissolved Solids (180)	710	mg/L		10	SM 2540	2/18/2011 10:30:00 AM	JF
Data Quality							
Cation Sum	10.53	meq/L		0.01	SM 1030E	3/4/2011 11:10:40 AM	LJK
Anion Sum	10.39	meq/L		0.01	SM 1030E	3/4/2011 11:10:40 AM	LJK
Cation-Anion Balance (± 5%)	0.66	%		0.01	SM 1030E	3/4/2011 11:10:40 AM	LJK
Solids, Total Dissolved (Calc)	680	mg/L		10	SM 1030E	3/4/2011 11:10:40 AM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)	1.04	dec %		0.01	Calculation	3/8/2011 3:24:54 PM	LJK

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- S Spike Recovery outside accepted recovery limits

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- E Value above quantitation range
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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: S1102204-001
ClientSample ID: PZM17-001-110216
COC: RC 08008

Date Reported: 4/8/2011
Report ID: S1102204002
 (Replaces S1102204001)

WorkOrder: S1102204
CollectionDate: 2/16/2011 2:15:00 PM
DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Metals - Dissolved							
Aluminum	ND	mg/L		0.1	EPA 200.7	2/18/2011 1:40:36 PM	DG
Arsenic	0.002	mg/L		0.001	EPA 200.8	2/17/2011 5:46:58 PM	MS
Barium	ND	mg/L		0.1	EPA 200.8	2/17/2011 5:46:58 PM	MS
Boron	ND	mg/L		0.1	EPA 200.7	2/18/2011 1:40:36 PM	DG
Cadmium	ND	mg/L		0.001	EPA 200.8	2/17/2011 5:46:58 PM	MS
Chromium	ND	mg/L		0.01	EPA 200.7	2/18/2011 1:40:36 PM	DG
Copper	ND	mg/L		0.01	EPA 200.8	2/17/2011 5:46:58 PM	MS
Iron	ND	mg/L		0.05	EPA 200.7	2/18/2011 1:40:36 PM	DG
Lead	ND	mg/L		0.01	EPA 200.8	2/17/2011 5:46:58 PM	MS
Manganese	0.06	mg/L		0.01	EPA 200.7	2/18/2011 1:40:36 PM	DG
Mercury	ND	mg/L		0.001	EPA 245.1	2/23/2011 9:22:36 AM	BK
Molybdenum	ND	mg/L		0.01	EPA 200.8	2/17/2011 5:46:58 PM	MS
Nickel	ND	mg/L		0.05	EPA 200.7	2/18/2011 1:40:36 PM	DG
Selenium	ND	mg/L		0.005	EPA 200.8	2/17/2011 5:46:58 PM	MS
Uranium	0.0304	mg/L		0.0003	EPA 200.8	2/17/2011 5:46:58 PM	MS
Vanadium	ND	mg/L		0.1	EPA 200.8	2/17/2011 5:46:58 PM	MS
Zinc	ND	mg/L		0.01	EPA 200.7	2/18/2011 1:40:36 PM	DG
Metals - Suspended							
Uranium	ND	mg/L		0.0003	EPA 200.8	2/25/2011 1:09:51 PM	MS
Metals - Total							
Iron	0.22	mg/L		0.05	EPA 200.7	2/21/2011 5:53:05 PM	DG
Manganese	0.06	mg/L		0.01	EPA 200.7	2/21/2011 5:53:05 PM	DG

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 - C Calculated Value
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 - ND Not Detected at the Reporting Limit
 - S Spike Recovery outside accepted recovery limits

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

Reviewed by: 
 Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1102204-001
ClientSample ID: PZM17-001-110216
COC: RC 08008

Date Reported 4/8/2011
Report ID S1102204002
(Replaces S1102204001)
WorkOrder: S1102204
CollectionDate: 2/16/2011 2:15:00 PM
DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Radionuclides - Dissolved (Gross Alpha, Gross Beta, Lead 210, Polonium 210, Radium 226, Radium 228, Thorium 230) and Radionuclides - Suspended (Lead 210, Polonium 210, Radium 226, Thorium 230). Total Radon 222 is also listed.

These results apply only to the samples tested.

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



Sample Analysis Report

Company: AUC LLC
 1536 Cole Blvd
 Lakewood, CO 80401

ProjectName: Reno Creek Project
Lab ID: S1102204-002
ClientSample ID: PZM16-001-110216
COC: RC 08008

Date Reported: 4/8/2011
Report ID: S1102204002
 (Replaces S1102204001)

WorkOrder: S1102204
CollectionDate: 2/16/2011 11:25:00 AM
DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
Matrix: Water

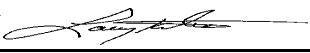
Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Field						
pH Reading 1	7.66	s.u.			Field	2/16/2011 11:25:00 AM
pH Reading 2	7.65	s.u.			Field	2/16/2011 11:25:00 AM
pH Reading 3	7.66	s.u.			Field	2/16/2011 11:25:00 AM
Conductivity Reading 1	979	µmhos/cm			Field	2/16/2011 11:25:00 AM
Conductivity Reading 2	978	µmhos/cm			Field	2/16/2011 11:25:00 AM
Conductivity Reading 3	978	µmhos/cm			Field	2/16/2011 11:25:00 AM
Turbidity Reading 1	4.48	NTU			Field	2/16/2011 11:25:00 AM
Turbidity Reading 2	4.46	NTU			Field	2/16/2011 11:25:00 AM
Turbidity Reading 3	4.41	NTU			Field	2/16/2011 11:25:00 AM
Dissolved Oxygen Reading 1	1.38	mg/L			Field	2/16/2011 11:25:00 AM
Dissolved Oxygen Reading 2	1.35	mg/L			Field	2/16/2011 11:25:00 AM
Dissolved Oxygen Reading 3	1.29	mg/L			Field	2/16/2011 11:25:00 AM
Temperature Reading 1	11.25	°C			Field	2/16/2011 11:25:00 AM
Temperature Reading 2	11.25	°C			Field	2/16/2011 11:25:00 AM
Temperature Reading 3	11.29	°C			Field	2/16/2011 11:25:00 AM
Oxygen Reduction Potential Reading	30.1	mV			Field	2/16/2011 11:25:00 AM
Oxygen Reduction Potential Reading	24.1	mV			Field	2/16/2011 11:25:00 AM
Oxygen Reduction Potential Reading	18.5	mV			Field	2/16/2011 11:25:00 AM
Purge Rate Reading 1	300	ml/min			Field	2/16/2011 11:25:00 AM
Purge Rate Reading 2	300	ml/min			Field	2/16/2011 11:25:00 AM
Purge Rate Reading 3	300	ml/min			Field	2/16/2011 11:25:00 AM
Water Level Reading 1	137.21	Ft			Field	2/16/2011 11:25:00 AM
Water Level Reading 2	137.25	Ft			Field	2/16/2011 11:25:00 AM
Water Level Reading 3	137.25	Ft			Field	2/16/2011 11:25:00 AM

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Reviewed by: 
 Lacey Ketron, Water Lab Supervisor



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1536 Cole Blvd
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ProjectName: Reno Creek Project
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Date Reported 4/8/2011
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WorkOrder: S1102204
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DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
Matrix: Water

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

These results apply only to the samples tested.

RL - Reporting Limit

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

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



Sample Analysis Report

Company: AUC LLC
 1536 Cole Blvd
 Lakewood, CO 80401

ProjectName: Reno Creek Project
Lab ID: S1102204-002
ClientSample ID: PZM16-001-110216
COC: RC 08008

Date Reported: 4/8/2011
Report ID: S1102204002
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WorkOrder: S1102204
CollectionDate: 2/16/2011 11:25:00 AM
DateReceived: 2/17/2011 3:30:00 PM
FieldSampler: JS
Matrix: Water

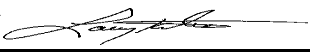
Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Metals - Dissolved							
Aluminum	ND	mg/L		0.1	EPA 200.7	2/18/2011 1:42:54 PM	DG
Arsenic	0.001	mg/L		0.001	EPA 200.8	2/17/2011 5:50:33 PM	MS
Barium	ND	mg/L		0.1	EPA 200.8	2/17/2011 5:50:33 PM	MS
Boron	ND	mg/L		0.1	EPA 200.7	2/18/2011 1:42:54 PM	DG
Cadmium	ND	mg/L		0.001	EPA 200.8	2/17/2011 5:50:33 PM	MS
Chromium	ND	mg/L		0.01	EPA 200.7	2/18/2011 1:42:54 PM	DG
Copper	ND	mg/L		0.01	EPA 200.8	2/17/2011 5:50:33 PM	MS
Iron	ND	mg/L		0.05	EPA 200.7	2/18/2011 1:42:54 PM	DG
Lead	ND	mg/L		0.01	EPA 200.8	2/17/2011 5:50:33 PM	MS
Manganese	0.06	mg/L		0.01	EPA 200.7	2/18/2011 1:42:54 PM	DG
Mercury	ND	mg/L		0.001	EPA 245.1	2/23/2011 9:24:28 AM	BK
Molybdenum	ND	mg/L		0.01	EPA 200.8	2/17/2011 5:50:33 PM	MS
Nickel	ND	mg/L		0.05	EPA 200.7	2/18/2011 1:42:54 PM	DG
Selenium	ND	mg/L		0.005	EPA 200.8	2/17/2011 5:50:33 PM	MS
Uranium	0.286	mg/L		0.0003	EPA 200.8	2/17/2011 5:50:33 PM	MS
Vanadium	ND	mg/L		0.1	EPA 200.8	2/17/2011 5:50:33 PM	MS
Zinc	ND	mg/L		0.01	EPA 200.7	2/18/2011 1:42:54 PM	DG
Metals - Suspended							
Uranium	0.0007	mg/L		0.0003	EPA 200.8	2/25/2011 1:20:42 PM	MS
Metals - Total							
Iron	0.24	mg/L		0.05	EPA 200.7	2/21/2011 5:57:43 PM	DG
Manganese	0.07	mg/L		0.01	EPA 200.7	2/21/2011 5:57:43 PM	DG

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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: S1102204-002
ClientSample ID: PZM16-001-110216
COC: RC 08008

Date Reported 4/8/2011
Report ID S1102204002
(Replaces S1102204001)
WorkOrder: S1102204
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Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Radionuclides - Dissolved (Gross Alpha, Gross Beta, Lead 210, Polonium 210, Radium 226, Radium 228, Thorium 230) and Radionuclides - Suspended (Lead 210, Polonium 210, Radium 226, Thorium 230). Total Radionuclides (Radon 222) are also listed.

These results apply only to the samples tested.

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L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
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- B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL
O Outside the Range of Dilutions

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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1102204
Project: Reno Creek Project

Date: 4/8/2011

Report ID: S1102204002

Test: **Alkalinity**

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

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/18/11 14:41 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/18/11 21:09 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/19/11 3:20 Alkalinity, Total (As CaCO3) ND 5

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

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/18/11 14:32 Alkalinity, Total (As CaCO3) 479 5 473 101 96.6 - 103

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/18/11 21:00 Alkalinity, Total (As CaCO3) 484 5 473 102 96.6 - 103

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/19/11 3:11 Alkalinity, Total (As CaCO3) 487 5 473 103 96.6 - 103

Test: **Conductivity**

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/18/11 14:41 Electrical Conductivity ND 5

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/18/11 21:09 Electrical Conductivity ND 5

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/19/11 3:20 Electrical Conductivity ND 5

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/18/11 14:32 Electrical Conductivity 1000 5 1000 100 90 - 110

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/18/11 21:00 Electrical Conductivity 980 5 1000 98.0 90 - 110

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/19/11 3:11 Electrical Conductivity 952 5 1000 95.2 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: S1102204
Project: Reno Creek Project

Date: 4/8/2011**Report ID:** S1102204002Test: **Dissolved Mercury by EPA 245.1 - Water**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 67649	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LRB	02/23/11 9:16	Mercury	ND	0.001					

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

Sample ID	RunNo: 67649	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	02/23/11 9:14	Mercury	0.002	0.001	0.002		103	85 - 115	

Test: **Dissolved Metals by ICP - EPA 200.7 - Water**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 67538	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	02/18/11 12:39	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: 67538	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	02/18/11 12:41	Aluminum	1.0	0.1	1		104	85 - 115	
		Boron	1.05	0.03	1		105	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	1.01	0.01	1		101	85 - 115	
		Zinc	1.01	0.01	1		101	85 - 115	

Test: **Dissolved Metals by ICPMS EPA 200.8 - Water**Sample Type **MBLK** Units: mg/L

Sample ID	RunNo: 67500	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Init Cal Blank	02/17/11 15:22	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: S1102204
Project: Reno Creek Project

Date: 4/8/2011**Report ID:** S1102204002Test: **Dissolved Metals by ICPMS EPA 200.8 - Water**Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 67500	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	02/17/11 15:29	Arsenic	0.111	0.005	0.1		111	85 - 115	
		Barium	ND	0.5	0.1		106	85 - 115	
		Cadmium	0.110	0.002	0.1		110	85 - 115	
		Copper	0.10	0.01	0.1		102	85 - 115	
		Lead	0.10	0.02	0.1		104	85 - 115	
		Molybdenum	0.10	0.02	0.1		102	85 - 115	
		Selenium	0.111	0.005	0.1		111	85 - 115	
		Uranium	0.104	0.001	0.1		104	85 - 115	
		Vanadium	0.10	0.02	0.1		100	85 - 115	

Sample ID	RunNo: 67500	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	02/17/11 18:12	Arsenic	0.099	0.005	0.1		99.4	85 - 115	
		Barium	ND	0.5	0.1		97.6	85 - 115	
		Cadmium	0.099	0.002	0.1		99.3	85 - 115	
		Copper	0.10	0.01	0.1		95.5	85 - 115	
		Lead	0.10	0.02	0.1		97.8	85 - 115	
		Molybdenum	0.09	0.02	0.1		92.6	85 - 115	
		Selenium	0.100	0.005	0.1		100	85 - 115	
		Uranium	0.091	0.001	0.1		91.2	85 - 115	
		Vanadium	0.09	0.02	0.1		89.8	85 - 115	

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

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	02/18/11 14:41	Fluoride	ND	0.1					

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	02/18/11 21:09	Fluoride	ND	0.1					

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	02/19/11 3:20	Fluoride	ND	0.1					

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

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/18/11 14:32	Fluoride	2.8	0.1	2.82		98.8	86.1 - 114	

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/18/11 21:00	Fluoride	2.9	0.1	2.82		103	86.1 - 114	

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: S1102204
Project: Reno Creek Project

Date: 4/8/2011**Report ID:** S1102204002Test: **Fluoride by SM 4500**Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/19/11 3:11	Fluoride	2.9	0.1	2.82		101	86.1 - 114	

Test: **Gross Alpha, Beta by SM 7110B**Sample Type **MBLK** Units: pCi/L

Sample ID	RunNo: 67911	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-061	03/03/11 11:25	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 67911	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-061	03/03/11 11:25	Gross Alpha (Dissolved)	78	2	69		113	72.6 - 137	
		Gross Beta (Dissolved)	131	3	130		101	72.6 - 137	

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

Sample ID	RunNo: 67911	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102204-001FDUP	03/04/11 22:24	Gross Alpha (Dissolved)	65.5 ± 4.5	2	61	8.03		20	
		Gross Beta (Dissolved)	23.1 ± 2.2	3	20	13.6		20	

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

Sample ID	RunNo: 67539	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	02/18/11 0:00	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 67539	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	02/18/11 11:19	Chloride	29	1	30		96.5	90 - 110	
		Sulfate	142	1	150		94.6	90 - 110	

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

Sample ID	RunNo: 67536	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	02/18/11 12:39	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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: S1102204
Project: Reno Creek Project

Date: 4/8/2011**Report ID:** S1102204002Test: **Cations by ICP (Method 200.7)**Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 67536	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV 3	02/18/11 12:44	Calcium	40	1	40		99.9	85 - 115	
		Magnesium	41	1	40		102	85 - 115	
		Potassium	42	1	40		105	85 - 115	
		Sodium	40	1	40		99.7	85 - 115	

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

Sample ID	RunNo: 67532	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Blank	02/18/11 11:57	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 67532	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	02/18/11 11:59	Nitrogen, Ammonia (As N)	15.0	0.1	16		93.5	90 - 110	

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

Sample ID	RunNo: 67532	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102204-002C	02/18/11 14:05	Nitrogen, Ammonia (As N)	ND	0.1	ND				

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

Sample ID	RunNo: 67720	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	02/24/11 15:46	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 67720	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	02/24/11 15:48	Nitrogen, Nitrate-Nitrite (as N)	27.8	0.1	28.7		96.8	90 - 110	

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

Sample ID	RunNo: 67880	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R67880	03/01/11 9:44	Lead 210 (Dissolved)	ND	1					

Sample ID	RunNo: 67885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R67885	03/01/11 13:52	Polonium 210 (Dissolved)	ND	1					

Sample ID	RunNo: 68126	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68126	03/08/11 11:02	Lead 210 (Suspended)	ND	1					

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: S1102204
Project: Reno Creek Project

Date: 4/8/2011

Report ID: S1102204002

Test: **Lead 210 and Polonium 210**

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

Sample ID	RunNo: 68134	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68134	03/09/11 11:34	Polonium 210 (Suspended)	ND	1					

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

Sample ID	RunNo: 67880	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R67880	03/01/11 9:44	Lead 210 (Dissolved)	12	1	13.2		92.8	50 - 150	

Sample ID	RunNo: 67885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R67885	03/01/11 13:52	Polonium 210 (Dissolved)	9	1	7.37		126	50 - 150	

Sample ID	RunNo: 68126	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68126	03/08/11 11:02	Lead 210 (Suspended)	15	1	13.2		113	50 - 150	

Sample ID	RunNo: 68134	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68134	03/09/11 11:34	Polonium 210 (Suspended)	8	1	7.18		111	50 - 150	

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

Sample ID	RunNo: 67880	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-001FMS	03/01/11 9:44	Lead 210 (Dissolved)	14	1	13.2	ND	109	50 - 150	

Sample ID	RunNo: 67880	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-002FMS	03/01/11 9:44	Lead 210 (Dissolved)	14	1	13.2	2	91.3	50 - 150	

Sample ID	RunNo: 67885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-001FMS	03/01/11 13:52	Polonium 210 (Dissolved)	12	1	13.2	ND	94.0	50 - 150	

Sample ID	RunNo: 67885	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-002FMS	03/01/11 13:52	Polonium 210 (Dissolved)	14	1	13.2	ND	106	50 - 150	

Sample ID	RunNo: 68126	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-001FMS	03/08/11 11:02	Lead 210 (Suspended)	24	1	13.1	10	102	50 - 150	

Sample ID	RunNo: 68134	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-001FMS	03/09/11 11:34	Polonium 210 (Suspended)	14	1	13.1	ND	109	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: S1102204
Project: Reno Creek Project

Date: 4/8/2011

Report ID: S1102204002

Test: **Radium 228**

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

Sample ID	RunNo: 67812	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-049B	02/28/11 16:48	Radium 228 (Dissolved)	ND	1					

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

Sample ID	RunNo: 67812	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-049B	02/28/11 16:48	Radium 228 (Dissolved)	9	1	9.83		92.2	63.8 - 119	

Test: **Radium 226 by SM 7500**

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

Sample ID	RunNo: 67962	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-055	03/04/11 17:05	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 68058	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-055	03/08/11 18:34	Radium 226 (Suspended)	ND	0.2					

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

Sample ID	RunNo: 67962	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-055	03/04/11 17:05	Radium 226 (Dissolved)	5.0	0.2	5		99.5	69.3 - 130	

Sample ID	RunNo: 68058	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-055	03/08/11 18:34	Radium 226 (Suspended)	5.0	0.2	5		99.6	69.3 - 130	

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

Sample ID	RunNo: 68058	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-001FMS	03/08/11 18:34	Radium 226 (Suspended)	5.5	0.2	5	0.4	103	54.6 - 137	

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

Sample ID	RunNo: 68058	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102204-002FDUP	03/08/11 18:34	Radium 226 (Suspended)	ND	0.2	ND	0		20	

Test: **Thorium 230 in Water**

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

Sample ID	RunNo: 67868	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R67868	03/01/11 9:28	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 68011	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68011	03/07/11 9:17	Thorium 230 (Suspended)	ND	0.2					

- 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: S1102204
Project: Reno Creek Project

Date: 4/8/2011
Report ID: S1102204002

Test: **Thorium 230 in Water**

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS-R67868	03/01/11 9:28	Thorium 230 (Dissolved)	13	0.2	12		101	50 - 150	
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Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS-R68011	03/07/11 9:17	Thorium 230 (Suspended)	13	0.2	12		101	50 - 150	
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Sample Type **DUP** Units: pCi/L

Sample ID	RunNo:	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
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S1102204-001FDUP	03/01/11 9:28	Thorium 230 (Dissolved)	ND	0.2	ND	0		20	
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Test: **Radon 222 by SM7500-RN**

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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MB-R67918	02/18/11 0:00	Radon-222	ND	50					L
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Sample Type **LCS** Units: pCi/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS-R67918	02/18/11 0:00	Radon-222	24400	100	22500		108	75 - 125	L
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Test: **Silica as SiO2**

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ICB	02/18/11 12:39	Silica as SiO2	ND	0.1					
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Sample Type **LCS** Units: mg/L

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ICV Q	02/18/11 12:41	Silica as SiO2	2.2	0.1	2.14		102	85 - 115	
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Test: **Solids By SM 2540**

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

Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Air	02/18/11 10:00	Total Dissolved Solids (180)	ND	10					
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Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Air	02/18/11 10:05	Total Dissolved Solids (180)	ND	10					
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Sample ID	RunNo:	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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DI	02/18/11 10:10	Total Dissolved Solids (180)	ND	10					
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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: S1102204
Project: Reno Creek Project

Date: 4/8/2011**Report ID:** S1102204002Test: **Solids By SM 2540**Sample Type **LCS** Units: mg/L

Sample ID	RunNo: 67559	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Control	02/18/11 10:15	Total Dissolved Solids (180)	220	10	226		98.2	90 - 110	

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

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 2/18 TOT -4911	02/21/11 16:50	Iron	ND	0.05					
		Manganese	ND	0.02					

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 2/21 TOT -4914	02/21/11 17:48	Iron	ND	0.05					
		Manganese	ND	0.02					

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 2/21 TOT -4914	02/21/11 19:12	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 2/18 TOT -4911	02/21/11 16:52	Iron	0.49	0.05	0.5		97.5	85 - 115	
		Manganese	0.19	0.02	0.2		93.2	85 - 115	

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 2/21 TOT -4914	02/21/11 17:50	Iron	0.49	0.05	0.5		97.2	85 - 115	
		Manganese	0.19	0.02	0.2		93.0	85 - 115	

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 2/21 TOT -4914	02/21/11 19:14	Iron	0.50	0.05	0.5		99.9	85 - 115	
		Manganese	0.19	0.02	0.2		95.7	85 - 115	

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

Sample ID	RunNo: 67578	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-002ES	02/21/11 18:00	Iron	0.77	0.05	0.5	0.24	106	70 - 130	
		Manganese	0.26	0.02	0.2	0.07	93.8	70 - 130	

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

Sample ID	RunNo: 67578	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102204-001E	02/21/11 17:55	Iron	0.23	0.05	0.22	4.04		20	
		Manganese	0.07	0.01	0.06	3.50		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: S1102204
Project: Reno Creek Project

Date: 4/8/2011
Report ID: S1102204002

Test: **Suspended Natural Uranium**

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

Sample ID	RunNo: 67758	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Init Cal Blank	02/25/11 12:51	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 67758	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
lcs	02/25/11 12:58	Uranium Suspended	0.0886	0.0003	0.1		88.6	85 - 115	

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

Sample ID	RunNo: 67758	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102204-001Gs	02/25/11 13:17	Uranium Suspended	0.973	0.0003	1.1	ND	88.5	70 - 130	

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

Sample ID	RunNo: 67758	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102204-001G	02/25/11 13:13	Uranium Suspended	ND	0.0003	ND	0		20	

Test: **pH Water**

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

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/18/11 14:32	pH	10.7	0.1	10.7		100	94.8 - 105	

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/18/11 21:00	pH	10.8	0.1	10.7		101	94.8 - 105	

Sample ID	RunNo: 67537	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/19/11 3:11	pH	10.9	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

Sheridan, WY and Gillette, WY

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- CHAIN OF CUSTODY RECORD -

This is a **LEGAL DOCUMENT**. All shaded fields must be completed. See reverse for instructions. **#RC 08008**

Client Name AUC LLC		Project Identification Reno Creek Project		Sampler (Signature/Printed) <i>Justin Scott / Justin Scott</i>		Telephone # 307-265-0696																				
Report Address pcavendor@auc-llc.com; tmickerson@treccorp.com; jshriver@treccorp.com		Contact Name Traci Mickerson		ANALYSES / PARAMETERS																						
Invoice Address AUC LLC 951 Werner Ct Ste. 395 Casper WY 82601		Email tmickerson@treccorp.com																								
Phone 307-265-0696		Purchase Order #		Quote #		REMARKS Ground Water																				
ITEM		LAB ID (Lab Use Only)		DATE TIME SAMPLED				SAMPLE IDENTIFICATION		Matrix		# of Containers		See Attached Table 1 (4.14, Guide 8, Radon 222)		See Attached Table 2 (Air Particulate)		See Attached Table 3 (Vegetation)		See Attached Table 4 (Sediment)		See Attached Table 5 (Soil)		See Attached Table 8 WYPDES Discharge		See Attached Table 9 (Blanks)
1	511 02204-001	2/16/11	14:15	PZM17-001-110216	W	13	✓																			
2																										
3	↓ 002	2/16/11	11:25	PZM16-001-110216	W	13	✓																			
4																										
5																										
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14																										
LAB COMMENTS		Relinquished By (Signature/Printed)		DATE		TIME		Received By (Signature/Printed)		DATE		TIME														
4.9 1.8		<i>Justin Scott / Justin Scott</i>		2/16/11		16:30		<i>Dawn</i> <i>Kathy Boyd</i>		2/16/11		16:30														
										2/17/11		15:30														
SHIPPING INFO		MATRIX CODES		TURNAROUND TIMES		COMPLIANCE INFORMATION		ADDITIONAL REMARKS																		
<input type="checkbox"/> UPS <input type="checkbox"/> Fed Express <input type="checkbox"/> US Mail <input type="checkbox"/> Hand Carried <input checked="" type="checkbox"/> Other _____		<input checked="" type="radio"/> Water <input checked="" type="radio"/> WT <input type="radio"/> Soil SL <input type="radio"/> Solid SD <input type="radio"/> Trip Blank TB <input type="radio"/> Other OT		<input checked="" type="checkbox"/> Check desired service <input checked="" type="checkbox"/> Standard turnaround <input type="checkbox"/> RUSH - 5 Working Days <input type="checkbox"/> URGENT - < 2 Working Days Rush & Urgent Surcharges will be applied		Compliance Monitoring? Y/N <input checked="" type="checkbox"/> N Program (SDWA, NPDES,...) PWSID / Permit # _____ Chlorinated? Y/N <input checked="" type="checkbox"/> N Sample Disposal: Lab <input checked="" type="checkbox"/> Client																				