



Thursday, April 21, 2011

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

RE: Reno Creek Project
Orde

r No.: S1102284

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples OM1-002-110223, and PZM15-001-110223 on February 24, 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: 4/21/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1102284

CASE NARRATIVE
Report ID: S1102284002
(Replaces S1102284001)

Samples OM1-002-110223, and PZM15-001-110223 were received on February 24, 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

S1102284-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory
S1102284-002 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Qualifiers by sample

S1102284-002 - Radiochemistry/Thorium 230 (Suspended) - RPD outside accepted recovery limits
S1102284-001 - Radiochemistry/Radium 228 (Dissolved) - RPD outside accepted recovery limits
LCS-R68022 - General Parameters/Radon-222 - Analyzed by a contract laboratory
MB-R68022 - 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: S1102284-001
ClientSample ID: PZM15-001-110223
COC: RC 08007

Date Reported: 4/21/2011
Report ID: S1102284002
 (Replaces S1102284001)

WorkOrder: S1102284
CollectionDate: 2/23/2011 9:45:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Field						
pH Reading 1	8.47	s.u.			Field	2/23/2011 9:45:00 AM
pH Reading 2	8.48	s.u.			Field	2/23/2011 9:45:00 AM
pH Reading 3	8.46	s.u.			Field	2/23/2011 9:45:00 AM
Conductivity Reading 1	586	µmhos/cm			Field	2/23/2011 9:45:00 AM
Conductivity Reading 2	584	µmhos/cm			Field	2/23/2011 9:45:00 AM
Conductivity Reading 3	586	µmhos/cm			Field	2/23/2011 9:45:00 AM
Turbidity Reading 1	6.84	NTU			Field	2/23/2011 9:45:00 AM
Turbidity Reading 2	7.15	NTU			Field	2/23/2011 9:45:00 AM
Turbidity Reading 3	7.88	NTU			Field	2/23/2011 9:45:00 AM
Dissolved Oxygen Reading 1	0.21	mg/L			Field	2/23/2011 9:45:00 AM
Dissolved Oxygen Reading 2	0.20	mg/L			Field	2/23/2011 9:45:00 AM
Dissolved Oxygen Reading 3	0.19	mg/L			Field	2/23/2011 9:45:00 AM
Temperature Reading 1	9.43	°C			Field	2/23/2011 9:45:00 AM
Temperature Reading 2	9.37	°C			Field	2/23/2011 9:45:00 AM
Temperature Reading 3	9.51	°C			Field	2/23/2011 9:45:00 AM
Oxygen Reduction Potential Reading	-82.0	mV			Field	2/23/2011 9:45:00 AM
Oxygen Reduction Potential Reading	-85.9	mV			Field	2/23/2011 9:45:00 AM
Oxygen Reduction Potential Reading	-90.2	mV			Field	2/23/2011 9:45:00 AM
Purge Rate Reading 1	400	ml/min			Field	2/23/2011 9:45:00 AM
Purge Rate Reading 2	400	ml/min			Field	2/23/2011 9:45:00 AM
Purge Rate Reading 3	400	ml/min			Field	2/23/2011 9:45:00 AM
Water Level Reading 1	226.68	Ft			Field	2/23/2011 9:45:00 AM
Water Level Reading 2	226.68	Ft			Field	2/23/2011 9:45:00 AM
Water Level Reading 3	226.70	Ft			Field	2/23/2011 9:45:00 AM

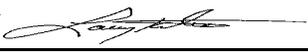
These results apply only to the samples tested.

RL - Reporting Limit

Qualifiers:

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

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

Reviewed by: 
 Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1102284-001
ClientSample ID: PZM15-001-110223
COC: RC 08007

Date Reported 4/21/2011
Report ID S1102284002
(Replaces S1102284001)
WorkOrder: S1102284
CollectionDate: 2/23/2011 9:45:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
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

- 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: S1102284-001
ClientSample ID: PZM15-001-110223
COC: RC 08007

Date Reported: 4/21/2011
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 (Replaces S1102284001)

WorkOrder: S1102284
CollectionDate: 2/23/2011 9:45:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
Matrix: Water

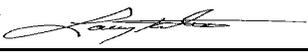
Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Metals - Dissolved							
Aluminum	ND	mg/L		0.1	EPA 200.7	2/24/2011 3:36:29 PM	DG
Arsenic	ND	mg/L		0.001	EPA 200.8	2/24/2011 3:50:49 PM	MS
Barium	ND	mg/L		0.1	EPA 200.8	2/24/2011 3:50:49 PM	MS
Boron	ND	mg/L		0.1	EPA 200.7	2/24/2011 3:36:29 PM	DG
Cadmium	ND	mg/L		0.001	EPA 200.8	2/24/2011 3:50:49 PM	MS
Chromium	ND	mg/L		0.01	EPA 200.7	2/24/2011 3:36:29 PM	DG
Copper	ND	mg/L		0.01	EPA 200.8	2/24/2011 3:50:49 PM	MS
Iron	ND	mg/L		0.05	EPA 200.7	2/24/2011 3:36:29 PM	DG
Lead	ND	mg/L		0.01	EPA 200.8	2/24/2011 3:50:49 PM	MS
Manganese	0.05	mg/L		0.01	EPA 200.7	2/24/2011 3:36:29 PM	DG
Mercury	ND	mg/L		0.001	EPA 245.1	3/1/2011 8:56:36 AM	BK
Molybdenum	ND	mg/L		0.01	EPA 200.8	2/24/2011 3:50:49 PM	MS
Nickel	ND	mg/L		0.05	EPA 200.7	2/24/2011 3:36:29 PM	DG
Selenium	ND	mg/L		0.005	EPA 200.8	2/24/2011 3:50:49 PM	MS
Uranium	0.0413	mg/L		0.0003	EPA 200.8	2/24/2011 3:50:49 PM	MS
Vanadium	ND	mg/L		0.1	EPA 200.8	2/24/2011 3:50:49 PM	MS
Zinc	ND	mg/L		0.01	EPA 200.7	2/24/2011 3:36:29 PM	DG
Metals - Suspended							
Uranium	0.0010	mg/L		0.0003	EPA 200.8	3/2/2011 4:05:32 PM	MS
Metals - Total							
Iron	0.35	mg/L		0.05	EPA 200.7	2/28/2011 4:08:38 PM	DG
Manganese	0.06	mg/L		0.01	EPA 200.7	2/28/2011 4:08:38 PM	DG

These results apply only to the samples tested.

RL - Reporting Limit

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- E Value above quantitation range
- J Analyte detected below quantitation limits
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- O Outside the Range of Dilutions

Reviewed by: 
 Lacey Ketron, Water Lab Supervisor



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Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1102284-001
ClientSample ID: PZM15-001-110223
COC: RC 08007

Date Reported 4/21/2011
Report ID S1102284002
(Replaces S1102284001)
WorkOrder: S1102284
CollectionDate: 2/23/2011 9:45:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
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

Date Reported: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

ProjectName: Reno Creek Project
Lab ID: S1102284-002
ClientSample ID: OM1-002-110223
COC: RC 08007

WorkOrder: S1102284
CollectionDate: 2/23/2011 11:48:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
Matrix: Water

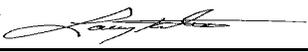
Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Field						
pH Reading 1	7.38	s.u.			Field	2/23/2011 11:48:00 AM
pH Reading 2	7.37	s.u.			Field	2/23/2011 11:48:00 AM
pH Reading 3	7.37	s.u.			Field	2/23/2011 11:48:00 AM
Conductivity Reading 1	1299	µmhos/cm			Field	2/23/2011 11:48:00 AM
Conductivity Reading 2	1303	µmhos/cm			Field	2/23/2011 11:48:00 AM
Conductivity Reading 3	1302	µmhos/cm			Field	2/23/2011 11:48:00 AM
Turbidity Reading 1	0.43	NTU			Field	2/23/2011 11:48:00 AM
Turbidity Reading 2	0.35	NTU			Field	2/23/2011 11:48:00 AM
Turbidity Reading 3	0.26	NTU			Field	2/23/2011 11:48:00 AM
Dissolved Oxygen Reading 1	0.18	mg/L			Field	2/23/2011 11:48:00 AM
Dissolved Oxygen Reading 2	0.19	mg/L			Field	2/23/2011 11:48:00 AM
Dissolved Oxygen Reading 3	0.19	mg/L			Field	2/23/2011 11:48:00 AM
Temperature Reading 1	9.66	°C			Field	2/23/2011 11:48:00 AM
Temperature Reading 2	9.81	°C			Field	2/23/2011 11:48:00 AM
Temperature Reading 3	9.97	°C			Field	2/23/2011 11:48:00 AM
Oxygen Reduction Potential Reading	-77.3	mV			Field	2/23/2011 11:48:00 AM
Oxygen Reduction Potential Reading	-77.8	mV			Field	2/23/2011 11:48:00 AM
Oxygen Reduction Potential Reading	-77.7	mV			Field	2/23/2011 11:48:00 AM
Purge Rate Reading 1	400	ml/min			Field	2/23/2011 11:48:00 AM
Purge Rate Reading 2	400	ml/min			Field	2/23/2011 11:48:00 AM
Purge Rate Reading 3	400	ml/min			Field	2/23/2011 11:48:00 AM
Water Level Reading 1	179.99	Ft			Field	2/23/2011 11:48:00 AM
Water Level Reading 2	179.99	Ft			Field	2/23/2011 11:48:00 AM
Water Level Reading 3	179.97	Ft			Field	2/23/2011 11:48:00 AM

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COC: RC 08007

WorkOrder: S1102284
CollectionDate: 2/23/2011 11:48:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
Matrix: Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Anions/Cations							
Alkalinity, Total (As CaCO3)	225	mg/L		5	SM 2320B	2/24/2011 3:23:43 PM	AMB
Alkalinity, Bicarbonate as HCO3	275	mg/L		5	SM 2320B	2/24/2011 3:23:43 PM	AMB
Alkalinity, Carbonate as CO3	ND	mg/L		5	SM 2320B	2/24/2011 3:23:43 PM	AMB
Chloride	6	mg/L		1	EPA 300.0	2/24/2011 7:37:00 PM	KO
Fluoride	0.2	mg/L		0.1	SM 4500FC	2/24/2011 3:23:43 PM	AMB
Nitrogen, Nitrate-Nitrite (as N)	ND	mg/L		0.1	EPA 353.2	3/3/2011 3:35:00 PM	AS
Sulfate	803	mg/L		1	EPA 300.0	2/24/2011 7:37:00 PM	KO
Calcium	183	mg/L		1	EPA 200.7	2/24/2011 3:38:47 PM	DG
Magnesium	42	mg/L		1	EPA 200.7	2/24/2011 3:38:47 PM	DG
Potassium	11	mg/L		1	EPA 200.7	2/24/2011 3:38:47 PM	DG
Sodium	203	mg/L		1	EPA 200.7	2/24/2011 3:38:47 PM	DG
Nitrogen, Ammonia (As N)	0.2	mg/L		0.1	EPA 350.1	2/24/2011 4:02:00 PM	AS
Silica as SiO2	12	mg/L		1	EPA 200.7	2/24/2011 3:38:47 PM	DG
General Parameters							
pH	7.8	s.u.		0.1	SM 4500 H B	2/24/2011 3:23:43 PM	AMB
Electrical Conductivity	1650	µmhos/cm		5	SM 2510B	2/24/2011 3:23:43 PM	AMB
Total Dissolved Solids (180)	1470	mg/L		10	SM 2540	3/9/2011 2:25:00 PM	JF
Data Quality							
Cation Sum	21.68	meq/L		0.01	SM 1030E	3/15/2011 1:58:49 PM	LJK
Anion Sum	21.40	meq/L		0.01	SM 1030E	3/15/2011 1:58:49 PM	LJK
Cation-Anion Balance (± 5%)	0.64	%		0.01	SM 1030E	3/15/2011 1:58:49 PM	LJK
Solids, Total Dissolved (Calc)	1390	mg/L		10	SM 1030E	3/15/2011 1:58:49 PM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)	1.06	dec. %		0.01	Calculation	3/15/2011 2:07:20 PM	LJK

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Reviewed by:
Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

ProjectName: Reno Creek Project
Lab ID: S1102284-002
ClientSample ID: OM1-002-110223
COC: RC 08007

WorkOrder: S1102284
CollectionDate: 2/23/2011 11:48:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
Matrix: Water

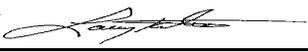
Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Metals - Dissolved							
Aluminum	ND	mg/L		0.1	EPA 200.7	2/24/2011 3:38:47 PM	DG
Arsenic	ND	mg/L		0.001	EPA 200.8	2/24/2011 4:01:36 PM	MS
Barium	ND	mg/L		0.1	EPA 200.8	2/24/2011 4:01:36 PM	MS
Boron	ND	mg/L		0.1	EPA 200.7	2/24/2011 3:38:47 PM	DG
Cadmium	ND	mg/L		0.001	EPA 200.8	2/24/2011 4:01:36 PM	MS
Chromium	ND	mg/L		0.01	EPA 200.7	2/24/2011 3:38:47 PM	DG
Copper	ND	mg/L		0.01	EPA 200.8	2/24/2011 4:01:36 PM	MS
Iron	0.10	mg/L		0.05	EPA 200.7	2/24/2011 3:38:47 PM	DG
Lead	ND	mg/L		0.01	EPA 200.8	2/24/2011 4:01:36 PM	MS
Manganese	0.26	mg/L		0.01	EPA 200.7	2/24/2011 3:38:47 PM	DG
Mercury	ND	mg/L		0.001	EPA 245.1	3/1/2011 8:58:24 AM	BK
Molybdenum	ND	mg/L		0.01	EPA 200.8	2/24/2011 4:01:36 PM	MS
Nickel	ND	mg/L		0.05	EPA 200.7	2/24/2011 3:38:47 PM	DG
Selenium	ND	mg/L		0.005	EPA 200.8	2/24/2011 4:01:36 PM	MS
Uranium	0.0006	mg/L		0.0003	EPA 200.8	2/24/2011 4:01:36 PM	MS
Vanadium	ND	mg/L		0.1	EPA 200.8	2/24/2011 4:01:36 PM	MS
Zinc	ND	mg/L		0.01	EPA 200.7	2/24/2011 3:38:47 PM	DG
Metals - Suspended							
Uranium	ND	mg/L		0.0003	EPA 200.8	3/2/2011 4:09:07 PM	MS
Metals - Total							
Iron	0.57	mg/L		0.05	EPA 200.7	2/28/2011 4:20:14 PM	DG
Manganese	0.26	mg/L		0.01	EPA 200.7	2/28/2011 4:20:14 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: S1102284-002
ClientSample ID: OM1-002-110223
COC: RC 08007

Date Reported 4/21/2011
Report ID S1102284002
(Replaces S1102284001)
WorkOrder: S1102284
CollectionDate: 2/23/2011 11:48:00 AM
DateReceived: 2/24/2011 10:08:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Radionuclides - Dissolved (Gross Alpha, Lead 210, etc.), Radionuclides - Suspended (Lead 210, Polonium 210, etc.), and Radionuclides - Total (Radon 222).

These results apply only to the samples tested.

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O Outside the Range of Dilutions

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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

Alkalinity

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

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/24/11 13:57 Alkalinity, Total (As CaCO3) ND 5

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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BLANK 02/24/11 19:51 Alkalinity, Total (As CaCO3) ND 5

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

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

ATQC 02/24/11 13:47 Alkalinity, Total (As CaCO3) 473 5 473 100 96.6 - 103

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/24/11 19:42 Alkalinity, Total (As CaCO3) 478 5 473 101 96.6 - 103

Conductivity

Sample Type **MBLK** Units: µmhos/cm

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 02/24/11 13:57 Electrical Conductivity ND 5

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
-----------	--------------	---------	--------	----	-------	----------	------	--------------	------

BLANK 02/24/11 19:51 Electrical Conductivity ND 5

Sample Type **LCS** Units: µmhos/cm

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/24/11 13:47 Electrical Conductivity 981 5 1000 98.1 90 - 110

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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ATQC 02/24/11 19:42 Electrical Conductivity 969 5 1000 96.9 90 - 110

Dissolved Mercury by EPA 245.1 - Water

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

Sample ID	RunNo: 67820	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LRB 03/01/11 8:49 Mercury ND 0.001

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

Sample ID	RunNo: 67820	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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LCS 03/01/11 8:47 Mercury 0.002 0.001 0.002 101 85 - 115

- 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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

Dissolved Metals by ICP - EPA 200.7 - Water

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

Sample ID	RunNo: 67709	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	02/24/11 13:56	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: 67709	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	02/24/11 13:58	Aluminum	1.0	0.1	1		103	85 - 115	
		Boron	1.03	0.03	1		103	85 - 115	
		Chromium	1.04	0.01	1		104	85 - 115	
		Iron	1.04	0.05	1		104	85 - 115	
		Manganese	1.04	0.02	1		104	85 - 115	
		Nickel	1.04	0.01	1		104	85 - 115	
		Zinc	1.03	0.01	1		103	85 - 115	

- 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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 67704	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Init Cal Blank	02/24/11 13:33	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					

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

Sample ID	RunNo: 67704	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	02/24/11 13:40	Arsenic	0.091	0.005	0.1		90.7	85 - 115	
		Barium	ND	0.5	0.1		85.5	85 - 115	
		Cadmium	0.088	0.002	0.1		87.5	85 - 115	
		Copper	0.09	0.01	0.1		89.8	85 - 115	
		Lead	0.09	0.02	0.1		93.6	85 - 115	
		Molybdenum	0.09	0.02	0.1		86.9	85 - 115	
		Selenium	0.092	0.005	0.1		91.8	85 - 115	
		Uranium	0.089	0.001	0.1		88.5	85 - 115	
		Vanadium	0.09	0.02	0.1		88.2	85 - 115	

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

Sample ID	RunNo: 67704	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102284-001Ds	02/24/11 15:58	Arsenic	1.13	0.005	1.1	ND	102	70 - 130	
		Barium	1.1	0.5	1.1	ND	96.7	70 - 130	
		Cadmium	1.08	0.002	1.1	ND	97.8	70 - 130	
		Copper	1.08	0.01	1.1	ND	98.2	70 - 130	
		Lead	1.11	0.02	1.1	ND	101	70 - 130	
		Molybdenum	1.10	0.02	1.1	ND	100	70 - 130	
		Selenium	1.15	0.005	1.1	ND	105	70 - 130	
		Uranium	1.15	0.001	1.1	0.041	100	70 - 130	
		Vanadium	1.09	0.02	1.1	ND	99.1	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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
 (Replaces S1102284001)

Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 67704	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102284-001D	02/24/11 15:54	Arsenic	ND	0.001	ND	0		20	
		Barium	ND	0.1	ND	0		20	
		Cadmium	ND	0.001	ND	0		20	
		Copper	ND	0.01	ND	0		20	
		Lead	ND	0.01	ND	0		20	
		Molybdenum	ND	0.01	ND	0		20	
		Selenium	ND	0.005	ND	0		20	
		Uranium	0.0419	0.0003	0.0413	1.58		20	
		Vanadium	ND	0.1	ND	0		20	

Fluoride by SM 4500

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

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	02/24/11 13:57	Fluoride	ND	0.1					

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	02/24/11 19:51	Fluoride	ND	0.1					

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

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/24/11 13:47	Fluoride	3.0	0.1	2.82		106	86.1 - 114	

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/24/11 19:42	Fluoride	2.9	0.1	2.82		104	86.1 - 114	

Gross Alpha, Beta by SM 7110B

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

Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-067	03/10/11 9:30	Gross Alpha (Dissolved)	ND	2					
		Gross Beta (Dissolved)	ND	3					

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

Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-067	03/10/11 9:30	Gross Alpha (Dissolved)	75	2	69		108	72.6 - 137	
		Gross Beta (Dissolved)	130	3	130		100	72.6 - 137	

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

Sample ID	RunNo: 68260	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102284-001FDUP	03/10/11 9:30	Gross Alpha (Dissolved)	60	3	61	1.84		20	
		Gross Beta (Dissolved)	19	4	16	15.2		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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
 (Replaces S1102284001)

Anions by ION ChromatographySample Type **MBLK** Units: mg/L

Sample ID	RunNo: 67710	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	02/24/11 0:00	Chloride	ND	1					
		Sulfate	ND	1					

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

Sample ID	RunNo: 67710	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
DIONEX	02/24/11 13:38	Chloride	30	1	30		99.6	90 - 110	
		Sulfate	146	1	150		97.4	90 - 110	

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

Sample ID	RunNo: 67707	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	02/24/11 13:56	Calcium	ND	1					
		Magnesium	ND	1					
		Potassium	ND	1					
		Sodium	ND	1					

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

Sample ID	RunNo: 67707	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV 3	02/24/11 14:00	Calcium	39	1	40		97.4	85 - 115	
		Magnesium	39	1	40		97.2	85 - 115	
		Potassium	42	1	40		104	85 - 115	
		Sodium	39	1	40		98.3	85 - 115	

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

Sample ID	RunNo: 67725	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Blank	02/24/11 14:49	Nitrogen, Ammonia (As N)	ND	0.1					

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

Sample ID	RunNo: 67725	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	02/24/11 14:51	Nitrogen, Ammonia (As N)	16.1	0.1	16		101	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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
 (Replaces S1102284001)

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

Sample ID	RunNo: 67889	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLANK	03/03/11 15:23	Nitrogen, Nitrate-Nitrite (as N)	ND	0.1					

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

Sample ID	RunNo: 67889	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
QC	03/03/11 15:25	Nitrogen, Nitrate-Nitrite (as N)	29.9	0.1	28.7		104	90 - 110	

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

Sample ID	RunNo: 68289	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68289	03/14/11 16:36	Lead 210 (Suspended)	ND	1					

Sample ID	RunNo: 68289	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68289	03/14/11 16:36	Lead 210 (Dissolved)	ND	1					

Sample ID	RunNo: 68303	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68303	03/14/11 14:32	Polonium 210 (Suspended)	ND	1					

Sample ID	RunNo: 68303	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68303	03/14/11 14:32	Polonium 210 (Dissolved)	ND	1					

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

Sample ID	RunNo: 68289	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68289	03/14/11 16:36	Lead 210 (Dissolved)	15	1	13.2		113	50 - 150	
		Lead 210 (Suspended)	15	1	13.2		113	50 - 150	

Sample ID	RunNo: 68303	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68303	03/14/11 14:32	Polonium 210 (Dissolved)	8	1	7.05		114	50 - 150	
		Polonium 210 (Suspended)	8	1	7.05		114	50 - 150	

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

Sample ID	RunNo: 68289	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102284-002FMS	03/14/11 16:36	Lead 210 (Dissolved)	13	1	13.2	ND	101	50 - 150	
		Lead 210 (Suspended)	13	1	13.2	ND	101	50 - 150	

Sample ID	RunNo: 68303	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102284-002FMS	03/14/11 14:32	Polonium 210 (Dissolved)	13	1	13.2	ND	100	50 - 150	
		Polonium 210 (Suspended)	13	1	13.2	ND	100	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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

Radium 228

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

Sample ID	RunNo: 68060	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-060B	03/08/11 16:16	Radium 228 (Dissolved)	ND	1					

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

Sample ID	RunNo: 68060	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-060B	03/08/11 16:16	Radium 228 (Dissolved)	11	1					

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

Sample ID	RunNo: 68060	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102284-001FDUP	03/08/11 16:16	Radium 228 (Dissolved)	1	1	1	25.6		20	R

Radium 226 by SM 7500

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

Sample ID	RunNo: 68106	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB11-060	03/09/11 15:54	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 68215	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68215	03/10/11 15:58	Radium 226 (Dissolved)	ND	0.2					
		Radium 226 (Suspended)	ND	0.2					

Sample ID	RunNo: 68215	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68215	03/10/11 15:58	Radium 226 (Dissolved)	ND	0.2					

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

Sample ID	RunNo: 68106	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS11-060	03/09/11 15:54	Radium 226 (Dissolved)	4.8	0.2	5		96.4	69.3 - 130	

Sample ID	RunNo: 68215	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68215	03/10/11 15:58	Radium 226 (Dissolved)	5.0	0.2	5		99.0	69.3 - 130	
		Radium 226 (Suspended)	5.0	0.2	5		99.0	69.3 - 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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
 (Replaces S1102284001)

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

Sample ID	RunNo: 68304	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68304	03/14/11 9:12	Thorium 230 (Dissolved)	ND	0.2					

Sample ID	RunNo: 68304	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68304	03/14/11 9:12	Thorium 230 (Suspended)	ND	0.3					

Sample ID	RunNo: 69000	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R69000	04/04/11 9:40	Thorium 230 (Dissolved)	ND	0.2					

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

Sample ID	RunNo: 68304	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68304	03/14/11 9:12	Thorium 230 (Dissolved)	12	0.2	12		94.2	50 - 150	
		Thorium 230 (Suspended)	12	0.3	12		94.2	50 - 150	

Sample ID	RunNo: 69000	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R69000	04/04/11 9:40	Thorium 230 (Dissolved)	12	0.2	12		96.1	50 - 150	

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

Sample ID	RunNo: 68304	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102284-002FDUP	03/14/11 9:12	Thorium 230 (Suspended)	0.9	0.3	0.6	39.7		20	R

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

Sample ID	RunNo: 68022	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R68022	02/25/11 0:00	Radon-222	ND	50					L

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

Sample ID	RunNo: 68022	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R68022	02/25/11 0:00	Radon-222	22900	100	22500		102	75 - 125	L

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

Sample ID	RunNo: 67711	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICB	02/24/11 13:56	Silica as SiO2	ND	0.1					

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

Sample ID	RunNo: 67711	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ICV Q	02/24/11 13:58	Silica as SiO2	2.1	0.1	2.14		98.7	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: S1102284
Project: Reno Creek Project

Date: 4/21/2011
Report ID: S1102284002
(Replaces S1102284001)

Solids By SM 2540

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

Sample ID	RunNo: 67760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Air 02/24/11 11:00 Total Dissolved Solids (180) ND 10

Sample ID	RunNo: 67760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Air 02/24/11 11:05 Total Dissolved Solids (180) ND 10

Sample ID	RunNo: 67760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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DI 02/24/11 11:10 Total Dissolved Solids (180) ND 10

Sample ID	RunNo: 68165	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Air 03/09/11 10:00 Total Dissolved Solids (180) ND 10

Sample ID	RunNo: 68165	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Air 03/09/11 10:05 Total Dissolved Solids (180) ND 10

Sample ID	RunNo: 68165	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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DI 03/09/11 10:10 Total Dissolved Solids (180) ND 10

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

Sample ID	RunNo: 67760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Control 02/24/11 11:15 Total Dissolved Solids (180) 220 10 226 97.3 90 - 110

Sample ID	RunNo: 68165	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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Control 03/09/11 10:15 Total Dissolved Solids (180) 210 10 226 94.7 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: S1102284
Project: Reno Creek Project

Date: 4/21/2011

Report ID: S1102284002
 (Replaces S1102284001)

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

Sample ID	RunNo: 67802	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 2/25 TOT -4920	02/28/11 15:17	Iron	ND	0.05					
		Manganese	ND	0.02					

Sample ID	RunNo: 67802	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
BLK 2/28 TOT -4922	02/28/11 15:59	Iron	ND	0.05					
		Manganese	ND	0.02					

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

Sample ID	RunNo: 67802	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 2/25 TOT -4920	02/28/11 15:20	Iron	0.50	0.05	0.5		99.7	85 - 115	
		Manganese	0.19	0.02	0.2		95.8	85 - 115	

Sample ID	RunNo: 67802	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS 2/28 TOT -4922	02/28/11 16:01	Iron	0.50	0.05	0.5		100	85 - 115	
		Manganese	0.19	0.02	0.2		95.8	85 - 115	

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

Sample ID	RunNo: 67802	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1102284-001ES	02/28/11 16:17	Iron	0.82	0.05	0.5	0.35	93.1	70 - 130	
		Manganese	0.25	0.02	0.2	0.06	94.6	70 - 130	

Suspended Natural UraniumSample Type **MBLK** Units: mg/L

Sample ID	RunNo: 67857	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Init Cal Blank	03/02/11 15:36	Uranium Suspended	ND	0.0003					

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

Sample ID	RunNo: 67857	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	03/02/11 15:43	Uranium Suspended	0.102	0.0003	0.1		102	90 - 110	

pH WaterSample Type **LCS** Units: s.u.

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/24/11 13:47	pH	10.8	0.1	10.7		101	94.8 - 105	

Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ATQC	02/24/11 19:42	pH	10.9	0.1	10.7		102	94.8 - 105	

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		



Inter-Mountain Labs
 Sheridan, WY and Gillette, WY
 1673 Terra Ave
 Sheridan, WY 82801
 (307) 672-8945

This is a **LEGAL DOCUMENT**. All shaded fields must be completed. See reverse for instructions. #RC 08007

- CHAIN OF CUSTODY RECORD -

Client Name: **AUC LLC** Report Address: **peavendor@auc-llc.com; thickerson@treccorp.com; jshriver@treccorp.com**

Project Identification: **Reno Creek Project** Contact Name: **Maaci V. Dickson** Sampler (Signature/Printed): **Maaci V. Dickson** Telephone #: **0696**

Invoice Address: **AUC LLC** Email: **thickerson@treccorp.com** Phone: **307-265-0696** Purchase Order #: **307-265-0696** Quote #: **0696**

ITEM	LAB ID (Lab Use Only)	DATE SAMPLED	TIME	SAMPLE IDENTIFICATION	Matrix	# of Containers	ANALYSES / PARAMETERS	REMARKS
1	S1102284-01	2/23/11	9:45	P2M15-00110223	W	13	See Attached Table (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)	Collected
2								
3		2/23/11	11:48	QMT-002-110223	W	13		X
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

LAB COMMENTS: Relinquished By (Signature/Printed): **Maaci V. Dickson** DATE: **2/23/11** TIME: **1330** Received By (Signature/Printed): **Alice M. Boyd** DATE: **2/23/11** TIME: **1441**

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

MATRIX CODES: Water Soil Solid Trip Blank Other _____

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

COMPLIANCE INFORMATION: Compliance Monitoring? Y N PWSID / Permit # _____ Chlorinated? Y N

ADDITIONAL REMARKS: Sample Disposal: Lab Client