ph: (800) 828-1407 fax: (307) 672-6053



Friday, April 08, 2011

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

RE: Reno Creek Project

Order No.: S1102275

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples UM1-002-110222 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,

Tacey Kotis

Lacey Ketron Project Manager

xc: File Encl.



Date: 4/8/2011

CLIENT:	AUC LLC	CASE NARRATIVE
Project:	Reno Creek Project	Report ID: S1102275002
Lab Order:	S1102275	(Replaces S1102275001)

Sample UMI-002-110222 was 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

S1102275-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Qualifiers by sample

S1102275-001 - Radiochemistry/Thorium 230 (Dissolved) - RPD outside accepted recovery limits LCS-R67920 - General Parameters/Radon-222 - Analyzed by a contract laboratory MB-R67920 - General Parameters/Radon-222 - Analyzed by a contract laboratory S1102275-001 - Radiochemistry/Polonium 210 (Dissolved) - Spike Recovery outside accepted recovery limits

Reviewed by: <

Carythe

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company:	AUC LLC 1536 Cole Blvd Lakewood, CO 80401				Date Rep	e Reported ort ID	4/8/2011 S1102275002 (Replaces S1102275001)
ProjectName: Lab ID: ClientSample ID: COC:	Reno Creek Project S1102275-001 UM1-002-110222 RC 08006			WorkOrder: CollectionDate: DateReceived: FieldSampler: Matrix:		S1102275 2/22/2011 1:50:00 PM 2/24/2011 10:03:00 AM JS Water	
Analyses		Result	Units	Qual	RL	Method	Date Analyzed/Init
Field							
pH Reading 1		8.35	s.u.			Field	2/22/2011 1:50:00 PM
pH Reading 2		8.35	s.u.			Field	2/22/2011 1:50:00 PM
pH Reading 3		8.36	s.u.			Field	2/22/2011 1:50:00 PM
Conductivity Reading	g 1	362	µmhos/cm			Field	2/22/2011 1:50:00 PM
Conductivity Reading	j 2	363	µmhos/cm			Field	2/22/2011 1:50:00 PM
Conductivity Reading	j 3	363	µmhos/cm			Field	2/22/2011 1:50:00 PM
Turbidity Reading 1		4.77	NTU			Field	2/22/2011 1:50:00 PM
Turbidity Reading 2		4.33	NTU			Field	2/22/2011 1:50:00 PM
Turbidity Reading 3		4.60	NTU			Field	2/22/2011 1:50:00 PM
Dissolved Oxygen Re	eading 1	0.75	mg/L			Field	2/22/2011 1:50:00 PM
Dissolved Oxygen Re	eading 2	0.71	mg/L			Field	2/22/2011 1:50:00 PM
Dissolved Oxygen Re	eading 3	0.69	mg/L			Field	2/22/2011 1:50:00 PM
Temperature Reading	g 1	6.94	°C			Field	2/22/2011 1:50:00 PM
Temperature Reading	g 2	7.00	°C			Field	2/22/2011 1:50:00 PM
Temperature Reading	g 3	6.97	°C			Field	2/22/2011 1:50:00 PM
Oxygen Reduction Po	otential Reading	-87.9	mV			Field	2/22/2011 1:50:00 PM
Oxygen Reduction Po	otential Reading	-93.1	mV			Field	2/22/2011 1:50:00 PM
Oxygen Reduction Po	otential Reading	-96.7	mV			Field	2/22/2011 1:50:00 PM
Purge Rate Reading	1	150	ml/min			Field	2/22/2011 1:50:00 PM
Purge Rate Reading	2	100	ml/min			Field	2/22/2011 1:50:00 PM
Purge Rate Reading	3	100	ml/min			Field	2/22/2011 1:50:00 PM
Water Level Reading	1	299.00	Ft			Field	2/22/2011 1:50:00 PM
Water Level Reading	12	299.04	Ft			Field	2/22/2011 1:50:00 PM
Water Level Reading	13	299.15	Ft			Field	2/22/2011 1:50:00 PM

These results apply only to the samples tested.

- * 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:

Qualifiers:

Lacey Ketron, Water Lab Supervisor

Page 1 of 4



Sample Analysis Report

Company:	AUC LLC 1536 Cole Blvd Lakewood, CO 80401				Dat Rej	te Reported port ID	4/8/2011 S1102275002 (Replaces S1102275001)	
ProjectName: Lab ID: ClientSample ID: COC:	Reno Creek Project S1102275-001 UM1-002-110222 RC 08006				Wo Co Dai Fie Ma	orkOrder: IlectionDate: teReceived: IdSampler: trix:	S1102275 2/22/2011 1:50:00 PM 2/24/2011 10:03:00 AM JS Water	
Analyses		Result	Units	Qual	RL	Method	Date Analyzed/In	it
Anions/Cations								
Alkalinity, Total (As CaCO3)		194	mg/L		5	SM 2320B	2/24/2011 3:03:30 PM	AMB
Alkalinity, Bicarbonate as HCO3		236	mg/L		5	SM 2320B	2/24/2011 3:03:30 PM	AMB
Alkalinity, Carbonate as CO3		ND	mg/L		5	SM 2320B	2/24/2011 3:03:30 PM	AMB
Chloride		25	mg/L		1	EPA 300.0	2/24/2011 7:09:00 PM	KO
Fluoride		0.7	mg/L		0.1	SM 4500F0	2/24/2011 3:03:30 PM	AMB
Nitrogen, Nitrate-Nitrite (as N)		ND	mg/L		0.1	EPA 353.2	3/3/2011 3:33:00 PM	AS
Sulfate		51	mg/L		1	EPA 300.0	2/24/2011 7:09:00 PM	KO
Calcium		14	mg/L		1	EPA 200.7	2/24/2011 3:34:10 PM	DG
Magnesium		2	mg/L		1	EPA 200.7	2/24/2011 3:34:10 PM	DG
Potassium		4	mg/L		1	EPA 200.7	2/24/2011 3:34:10 PM	DG
Sodium		112	mg/L		1	EPA 200.7	2/24/2011 3:34:10 PM	DG
Nitrogen, Ammonia (A	As N)	ND	mg/L		0.1	EPA 350.1	2/24/2011 3:48:00 PM	AS
Silica as SiO2		8	mg/L		1	EPA 200.7	2/24/2011 3:34:10 PM	DG
General Parameters	s							
pН		8.3	S.U.		0.1	SM 4500 H	B 2/24/2011 3:03:30 PM	AMB
Electrical Conductivit	у	533	µmhos/cm		5	SM 2510B	2/24/2011 3:03:30 PM	AMB
Total Dissolved Solid	s (180)	380	mg/L		10	SM 2540	2/24/2011 12:05:00 PM	JF
Data Quality								
Cation Sum		5.84	meq/L		0.01	SM 1030E	3/4/2011 11:27:22 AM	LJK
Anion Sum		5.80	meq/L		0.01	SM 1030E	3/4/2011 11:27:22 AM	LJK
Cation-Anion Balance	e (± 5%)	0.36	%		0.01	SM 1030E	3/4/2011 11:27:22 AM	LJK
Solids, Total Dissolve	ed (Calc)	320	mg/L		10	SM 1030E	3/4/2011 11:27:22 AM	LJK
Calculated TDS/TDS Ratio (0.80-1.20)		1.19	dec %		0.01	Calculatior	3/8/2011 3:26:33 PM	LJK

These results apply only to the samples tested.

*

Qualifiers:

- Value exceeds Maximum Contaminant Level С Calculated Value
- H Holding times for preparation or analysis exceeded
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- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- **RL Reporting Limit**
 - Analyte detected in the associated Method Blank в
 - Value above quantitation range Е
 - J Analyte detected below quantitation limits
 - Μ Value exceeds Monthly Ave or MCL
 - 0 Outside the Range of Dilutions

Reviewed by:

Lacey Ketron, Water Lab Supervisor

Page 2 of 4



Sample Analysis Report

Company:	AUC LLC 1536 Cole Blvd Lakewood, CO 80401				Date Repo	Reported	4/8/2011 S1102275002 (Replaces S1102275001)	
ProjectName: Lab ID: ClientSample ID: COC:	Reno Creek Project S1102275-001 UM1-002-110222 RC 08006				Wor Colle Date Field Matr	kOrder: ectionDate: Received: ISampler: ix:	S1102275 2/22/2011 1:50:00 PM 2/24/2011 10:03:00 AM JS Water	
Analyses		Result	Units	Qual	RL	Method	d Date Analyzed/In	it
Metals - Dissolved								
Aluminum		ND	mg/L		0.1	EPA 200.7	2/24/2011 3:34:10 PM	DG
Arsenic		ND	mg/L		0.001	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Barium		ND	mg/L		0.1	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Boron		ND	mg/L		0.1	EPA 200.7	2/24/2011 3:34:10 PM	DG
Cadmium		ND	mg/L		0.001	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Chromium		ND	mg/L		0.01	EPA 200.7	2/24/2011 3:34:10 PM	DG
Copper		ND	mg/L		0.01	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Iron		0.06	mg/L		0.05	EPA 200.7	2/24/2011 3:34:10 PM	DG
Lead		ND	mg/L		0.01	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Manganese		0.02	mg/L		0.01	EPA 200.7	2/24/2011 3:34:10 PM	DG
Mercury		ND	mg/L		0.001	EPA 245.1	3/1/2011 8:51:16 AM	BK
Molybdenum		0.01	mg/L		0.01	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Nickel		ND	mg/L		0.05	EPA 200.7	2/24/2011 3:34:10 PM	DG
Selenium		ND	mg/L		0.005	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Uranium		0.0068	mg/L		0.0003	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Vanadium		ND	mg/L		0.1	EPA 200.8	3 2/24/2011 3:40:02 PM	MS
Zinc		ND	mg/L		0.01	EPA 200.7	2/24/2011 3:34:10 PM	DG
Metals - Suspende	d							
Uranium		ND	mg/L		0.0003	EPA 200.8	3/2/2011 3:54:44 PM	MS
Metals - Total								
Iron		0.16	mg/L		0.05	EPA 200.7	2/28/2011 4:04:00 PM	DG
Manganese		0.02	mg/L		0.01	EPA 200.7	2/28/2011 4:04:00 PM	DG

These results apply only to the samples tested.

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- 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:

Qualifiers:

Lacey Ketron, Water Lab Supervisor

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Sample Analysis Report

ProjectName: Reno Creek Project S1102275-001 S1102275-001 CollectionDate: 2/22/2011 1:50:00 PM CilentSample ID: UM1002-110222 DateReceived: 2/2/2011 2:00 PM COC: RC 08006 RC 08006 JS Watr JS Analyses Re osult Units Qual RL Method DateReceived: 2/2/2011 0:03:00 AM Radioucildes - Dissolved Standard 21.7 pC/L 2 SM 7110B 3/10/2011 9:30:09 AM Gross Alpha Precision (±) 2.0 pC/L SM 7110B 3/10/2011 9:30:09 AM Gross Beta 9.1 pC/L 3 SM 7110B 3/10/2011 9:30:09 AM Gross Beta Precision (±) 0.6 pC/L 1 OTW01 3/14/2011 9:30:09 AM Polonium 210 ND pC/L 1 OTW01 3/14/2011 9:00:09 AM Radium 226 Precision (±) NA pC/L 1 OTW01 3/14/2011 9:00:09 AM Radium 226 <td< th=""><th>Company:</th><th>AUC LLC 1536 Cole Blvd Lakewood, CO 80401</th><th></th><th></th><th></th><th>Da Re</th><th>te Reported port ID</th><th>4/8/2011 S1102275002 (Replaces S1102275001)</th><th></th></td<>	Company:	AUC LLC 1536 Cole Blvd Lakewood, CO 80401				Da Re	te Reported port ID	4/8/2011 S1102275002 (Replaces S1102275001)	
Analyses Result Units Qual RL Method Date Analyzed/In Radionuclides - Dissolved	ProjectName: Lab ID: ClientSample ID: COC:	Reno Creek Project S1102275-001 UM1-002-110222 RC 08006				Wo Co Da Fie Ma	orkOrder: IlectionDate: teReceived: eldSampler: trix:	S1102275 2/22/2011 1:50:00 PM 2/24/2011 10:03:00 AM JS Water	
Radionuclides - Dissolved Gross Alpha 21.7 pCi/L 2 SM 7110B 3/10/2011 9:30:09 AM Gross Alpha Precision (±) 2.0 pCi/L SM 7110B 3/10/2011 9:30:09 AM Gross Beta 9.1 pCi/L 3 SM 7110B 3/10/2011 9:30:09 AM Gross Beta Precision (±) 1.1 pCi/L 3 SM 7110B 3/10/2011 9:30:09 AM Lead 210 3.0 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 0.6 pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 4.8 pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 228 Precision (±) NA pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM	Analyses		Result	Units	Qual	RL	Method	Date Analyzed/In	it
Gross Alpha 21.7 pCi/L 2 SM 7110B 310/2011 9:30:09 AM Gross Alpha Precision (±) 2.0 pCi/L SM 7110B 3/10/2011 9:30:09 AM Gross Beta Precision (±) 1.1 pCi/L 3 SM 7110B 3/10/2011 9:30:09 AM Gross Beta Precision (±) 1.1 pCi/L 3 SM 7110B 3/10/2011 9:30:09 AM Lead 210 3.0 pCi/L 1 OTW01 3/14/2011 9:30:09 AM Lead 210 3.0 pCi/L 1 OTW01 3/14/2011 9:30:09 AM Lead 210 0.6 pCi/L 1 OTW01 3/14/2011 9:32:00 PM Polonium 210 Precision (±) ND pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L 0.2 SM 7500-Ra B 3/9/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/9/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 N	Radionuclides - Di	ssolved							
Gross Alpha Precision (±) 2.0 pCi/L SM 7110B 3/10/2011 9:30:09 AM Gross Beta 9.1 pCi/L 3 SM 7110B 3/10/2011 9:30:09 AM Gross Beta Precision (±) 1.1 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 0.6 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 228 Precision (±) 0.2 pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Polonium 210 ND pCi/L	Gross Alpha		21.7	pCi/L		2	SM 7110B	3/10/2011 9:30:09 AM	SH
Gross Beta 9.1 pCi/L 3 SM 7110B 3/10/2011 9:30:09 AM Gross Beta Precision (±) 1.1 pCi/L SM 7110B 3/10/2011 9:30:09 AM Lead 210 3.0 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.6 pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 226 4.8 pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 ND pCi/L 1 Ra-05 3/9/2011 3:54:01 PM Radium 228 Precision (±) 0.2 pCi/L 1 Ra-05 3/9/2011 3:54:01 PM Radium 228 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/9/2011 4:16:00 PM Radium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Polonium 210 PCi D ND <t< td=""><td>Gross Alpha Precisio</td><td>on (±)</td><td>2.0</td><td>pCi/L</td><td></td><td></td><td>SM 7110B</td><td>3/10/2011 9:30:09 AM</td><td>SH</td></t<>	Gross Alpha Precisio	on (±)	2.0	pCi/L			SM 7110B	3/10/2011 9:30:09 AM	SH
Gross Beta Precision (±) 1.1 pCi/L SM 7110B 3/10/2011 9:30:09 AM Lead 210 3.0 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) ND pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 Precision (±) ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 226 4.8 pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 4:36:00 PM Ploinum 210 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Pdoinum 230 ND pCi/L 0.2 ACW10 3/14/2011 4:36:00 PM Polonium 210 ND <	Gross Beta		9.1	pCi/L		3	SM 7110B	3/10/2011 9:30:09 AM	SH
Lead 210 3.0 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.6 pCi/L OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radiouncides - Suspended J ACW10 3/14/2011 9:12:00 AM ACW10 3/14/2011 9:12:00 AM Lead 210 2.3 pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Polonium 210 Precision (±) ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±)	Gross Beta Precisior	ו (±)	1.1	pCi/L			SM 7110B	3/10/2011 9:30:09 AM	SH
Lead 210 Precision (±) 0.6 pCi/L OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) ND pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended Lead 210 2.3 pCi/L 0.2 ACW10 3/14/2011 4:36:00 PM Polonium 210 Precision (±) ND pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:36:00 PM <t< td=""><td>Lead 210</td><td></td><td>3.0</td><td>pCi/L</td><td></td><td>1</td><td>OTW01</td><td>3/14/2011 4:36:00 PM</td><td>SH</td></t<>	Lead 210		3.0	pCi/L		1	OTW01	3/14/2011 4:36:00 PM	SH
Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0TW01 3/14/2011 2:32:00 PM Radium 226 4.8 pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended X pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 9:12:00 AM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 9:12:00 AM Polonium 226 ND pCi/L 1 OTW01 3/14/2011 9:12:00 AM Radium 226 ND pCi/L	Lead 210 Precision (±)	0.6	pCi/L			OTW01	3/14/2011 4:36:00 PM	SH
Polonium 210 Precision (±) NA pCi/L OTW01 3/14/2011 2:32:00 PM Radium 226 4.8 pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 228 Precision (±) ND pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Fadionuclides - Suspended NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 9:12:00 AM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 9:12:00 AM Polonium 226 Precision (±) NA pCi/L 1 OTW01 3/14/2011 9:12:00 AM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 9:32:00 PM Radium 226 Precision (±) NA pCi/L	Polonium 210		ND	pCi/L		1	OTW01	3/14/2011 2:32:00 PM	SH
Radium 226 4.8 pCi/L 0.2 SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 226 Precision (±) 0.2 pCi/L SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 228 ND pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended ACW10 3/14/2011 9:12:00 AM Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 9:12:00 AM Polonium 210 0.5 pCi/L 1 OTW01 3/14/2011 9:12:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 9:12:00 PM Polonium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA	Polonium 210 Precis	ion (±)	NA	pCi/L			OTW01	3/14/2011 2:32:00 PM	SH
Radium 226 Precision (±) 0.2 pCi/L SM 7500-Ra B 3/9/2011 3:54:01 PM Radium 228 ND pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.	Radium 226		4.8	pCi/L		0.2	SM 7500-Ra	B 3/9/2011 3:54:01 PM	SH
Radium 228 ND pCi/L 1 Ra-05 3/8/2011 4:16:00 PM Radium 228 Precision (±) NA pCi/L Ra-05 3/8/2011 4:16:00 PM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended ND pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.3	Radium 226 Precisio	n (±)	0.2	pCi/L			SM 7500-Ra	B 3/9/2011 3:54:01 PM	SH
Radium 228 Precision (±) NA pCi/L Ra-05 3/8/2011 4:16:00 PM Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended ACW10 3/14/2011 9:12:00 AM ACW10 3/14/2011 9:12:00 AM Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/	Radium 228		ND	pCi/L		1	Ra-05	3/8/2011 4:16:00 PM	SH
Thorium 230 ND pCi/L 0.2 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L ACW10 3/14/2011 9:12:00 AM Radionuclides - Suspended Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM <t< td=""><td>Radium 228 Precisio</td><td>n (±)</td><td>NA</td><td>pCi/L</td><td></td><td></td><td>Ra-05</td><td>3/8/2011 4:16:00 PM</td><td>SH</td></t<>	Radium 228 Precisio	n (±)	NA	pCi/L			Ra-05	3/8/2011 4:16:00 PM	SH
Thorium 230 Precision (±) NA pCi/L ACW 10 3/14/2011 9:12:00 AM Radionuclides - Suspended Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Polonium 210 Precision (±) ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total Radon 222 S98 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L 50 SM7500-RN <td>Thorium 230</td> <td></td> <td>ND</td> <td>pCi/L</td> <td></td> <td>0.2</td> <td>ACW10</td> <td>3/14/2011 9:12:00 AM</td> <td>WL</td>	Thorium 230		ND	pCi/L		0.2	ACW10	3/14/2011 9:12:00 AM	WL
Radionuclides - Suspended Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 1 OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radon 222 Precision (±) NA pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L 50 SM7500-RN 2/23/2011	Thorium 230 Precisio	on (±)	NA	pCi/L			ACW10	3/14/2011 9:12:00 AM	WL
Lead 210 2.3 pCi/L 1 OTW01 3/14/2011 4:36:00 PM Lead 210 Precision (±) 0.5 pCi/L 0TW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total NA pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 S98 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Radionuclides - Su	Ispended							
Lead 210 Precision (±) 0.5 pCi/L OTW01 3/14/2011 4:36:00 PM Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total NA pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 S98 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Lead 210		2.3	pCi/L		1	OTW01	3/14/2011 4:36:00 PM	SH
Polonium 210 ND pCi/L 1 OTW01 3/14/2011 2:32:00 PM Polonium 210 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total Radon 222 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Lead 210 Precision (±)	0.5	pCi/L			OTW01	3/14/2011 4:36:00 PM	SH
Polonium 210 Precision (±) NA pCi/L OTW01 3/14/2011 2:32:00 PM Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total NA pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Polonium 210		ND	pCi/L		1	OTW01	3/14/2011 2:32:00 PM	SH
Radium 226 ND pCi/L 0.2 SM 7500-Ra B 3/10/2011 3:58:00 PM Radium 226 Precision (±) NA pCi/L SM 7500-Ra B 3/10/2011 3:58:00 PM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total Radon 222 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Polonium 210 Precis	ion (±)	NA	pCi/L			OTW01	3/14/2011 2:32:00 PM	SH
Radium 226 Precision (±) NA pCi/L SM 7500-Ra B 3/10/2011 3:58:00 PM Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Radionuclides - Total Radon 222 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Radium 226		ND	pCi/L		0.2	SM 7500-Ra	B 3/10/2011 3:58:00 PM	SH
Thorium 230 ND pCi/L 0.3 ACW10 3/14/2011 9:12:00 AM Thorium 230 Precision (±) NA pCi/L ACW10 3/14/2011 9:12:00 AM Radionuclides - Total PCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Radium 226 Precisio	n (±)	NA	pCi/L			SM 7500-Ra	B 3/10/2011 3:58:00 PM	SH
NA pCi/L ACW10 3/14/2011 9:12:00 AM Radionuclides - Total PCi/L L 50 SM7500-RN 2/23/2011 Radon 222 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Thorium 230		ND	pCi/L		0.3	ACW10	3/14/2011 9:12:00 AM	WL
Radionuclides - Total 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Thorium 230 Precisio	on (±)	NA	pCi/L			ACW10	3/14/2011 9:12:00 AM	WL
Radon 222 398 pCi/L L 50 SM7500-RN 2/23/2011 Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Radionuclides - To	tal							
Radon 222 Precision (±) 54 pCi/L L SM7500-RN 2/23/2011	Radon 222		398	pCi/L	L	50	SM7500-RI	N 2/23/2011	LJK
	Radon 222 Precision	ı (±)	54	pCi/L	L		SM7500-RI	N 2/23/2011	LJK

These results apply only to the samples tested.

RL - Reporting Limit

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

Qualifiers:

Reviewed by:

Lacey Ketron, Water Lab Supervisor

Analyte detected in the associated Method Blank В

- Е Value above quantitation range
- Analyte detected below quantitation limits J
- Value exceeds Monthly Ave or MCL Μ
- 0 Outside the Range of Dilutions



ANALYTICAL QC SUMMARY REPORT

CLIENT:	AUC LLC
Work Order:	S1102275
Project:	Reno Creek Project

Date: 4/8/2011

Report ID: S1102275002

Test: Alkalinity

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Oump	10 1 9 0 0	

Sample	e 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	Alkalinity, Total (As CaCO3)	ND	5					
	Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	BLANK	02/24/11 19:51	Alkalinity, Total (As CaCO3)	ND	5					
Sample	e 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
	ATQC	02/24/11 19:42	Alkalinity, Total (As CaCO3)	478	5	473		101	96.6 - 103	
Test: Cond	uctivity									
Sample	e Type MBLK	Units: μm	hos/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	e Type LCS	Units: μm	hos/cm							
	Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	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
	ATQC	02/24/11 19:42	Electrical Conductivity	969	5	1000		96.9	90 - 110	
Test: Disso	lved Mercury by EP	A 245.1 - Water								
Sample	e Type MBLK	Units: mg	/L							
	Sample ID	RunNo: 67820	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	LRB	03/01/11 8:49	Mercury	ND	0.001					
Sample	e Type LCS	Units: mg	/L							
	Sample ID	RunNo: 67820	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	LCS	03/01/11 8:47	Mercury	0.002	0.001	0.002		101	85 - 115	
Sample	e Type MS	Units: mg	/L							
	Sample ID	RunNo: 67820	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	S1102275-001D	03/01/11 8:54	Mercury	0.002	0.001	0.002	ND	118	70 - 130	
Qualifiers:	B Analyte dete H Holding time	ected in the associated Me es for preparation or analy a contract laboratory	ethod Blank E Value rsis exceeded J Analy ND Not F	e above quai yte detected Detected at ti	ntitation ran below quan	ge titation limi a Limit	ts			

Outside the Range of Dilutions 0

Spike Recovery outside accepted recovery limits S



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC Date: 4/8/2011 Work Order: S1102275 Report ID: S1102275002 Reno Creek Project Project: Test: Dissolved Mercury by EPA 245.1 - Water Sample Type DUP Units: mg/L Sample ID RunNo: 67820 % RPD Limits Analyte Result RL Ref Samp %RPD %REC Qual S1102275-001D 03/01/11 8:52 ND 0.001 ND 0 20 Mercury Test: 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 ND 0.03 Boron 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 Result RL Analyte Spike Ref Samp %REC % Rec Limits Qual ICV Q 0.1 02/24/11 13:58 Aluminum 1.0 1 85 - 115 103 Boron 85 - 115 1.03 0.03 1 103 Chromium 1.04 0.01 104 85 - 115 1 Iron 1.04 0.05 104 85 - 115 1 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 Test: 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

02/24/11 13:33	Arsenic Barium	ND ND	0.005		
	Barium	ND	05		
			0.0		
	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		
		Lead Molybdenum Selenium Uranium Vanadium	Lead ND Molybdenum ND Selenium ND Uranium ND Vanadium ND	LeadND0.02MolybdenumND0.02SeleniumND0.005UraniumND0.001VanadiumND0.02	LeadND0.02MolybdenumND0.02SeleniumND0.005UraniumND0.001VanadiumND0.02

- Qualifiers: B Anal H Hold
 - B Analyte detected in the associated Method BlankH 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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC Work Order: S1102275 **Project:** Reno Creek Project Date: 4/8/2011

Report ID: S1102275002

Test: Dissolved Metals by ICPMS EPA 200.8 - Water

Sample ID PunNc: 67704 Analyte Result RL Spike Rel Samp %.REC %. Rec Limits Qual LCS 02/24/11 13:40 Arsenic 0.091 0.005 0.1 86.715 85.715 Cadmium 0.088 0.002 0.1 87.55 85.715 58.715 Cadmium 0.099 0.01 0.01 86.9 85.715 85.715 Cadmium 0.09 0.02 0.1 86.9 85.715 85.715 Lead 0.09 0.01 0.1 86.5 85.715 85.715 Vandalum 0.09 0.01 0.1 86.5 85.715 85.715 Vandalum 0.09 0.01 0.1 88.5 85.715 9.795 Sample Type MLK Units: mg/L Result RL Spike Ref Samp %REC % Rec Limits Qual BLNK 02/24/11 19.57 Fluoride ND 0.1 2.82 106 86.1-114 Sample	Sampl	e Type LCS	Units: mg/	/L							
LCS 002/24/11 13:40 Araseric Barium 0.091 0.005 0.1 90.7 85-115 Cadmium 0.088 0.002 0.1 85.5 85-115 85-115 Cadmium 0.099 0.02 0.1 89.8 85-115 85-115 Lead 0.099 0.02 0.1 89.8 85-115 85-115 Sample Type MELK Uranium 0.09 0.02 0.1 88.5 85-115 Sample Type MELK Units: mg/L Sample Type Melydonum 0.09 0.02 0.1 88.5 85-115 Sample Type MELK Units: mg/L Sample Type Melx No 0.22 0.1 88.5 85-115 Sample TD RunNo: 67708 Analyte Result RL Spike Ref Samp %REC % REC		Sample ID	RunNo: 67704	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Barlum ND 0.5 0.1 85.5 85-115 Cadmium 0.088 0.002 0.1 87.5 85-115 Laad 0.09 0.02 0.1 88.9 85-115 Molybdenum 0.09 0.02 0.1 93.8 85-115 Vanadium 0.09 0.02 0.1 93.8 85-115 Vanadium 0.09 0.02 0.1 93.8 85-115 Test: Fluoride by SM 4500 Vanadium 0.09 0.02 0.1 88.2 85-115 Sample ID RunNo: 67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual BLANK 02/24/11 19:51 Fluoride ND 0.1 24 106 86.1-114 Sample ID RunNo: 67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual ATOC 02/24/11 19:47 Fluoride 3.0 0.1 2.82 106 86.1-114		LCS	02/24/11 13:40	Arsenic	0.091	0.005	0.1		90.7	85 - 115	
Cadmium 0.088 0.002 0.1 87.5 85.115 Copper 0.09 0.01 0.1 88.8 85.115 Laad 0.09 0.02 0.1 88.8 85.115 Selenium 0.092 0.01 0.1 88.5 85.115 Selenium 0.092 0.025 0.1 88.2 85.115 Test: Fluoride by SM 4500 Sample Type MSLK Units: mg/L 88.2 85.115 Sample Type MSLK Units: mg/L Sample Type MSLK Units: mg/L Sample Type MSLK 0.224/11 13.57 Fluoride ND 0.1 88.2 85.115 Sample Type LCS Units: mg/L Sample Type LCS Units: mg/L Sample D RunNc 67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual ATOC 0224/11 19.51 Fluoride 3.0 0.1 2.82 106 86.1-114 Sample D RunNc 67708 Analyte Result RL Spike Ref				Barium	ND	0.5	0.1		85.5	85 - 115	
Copper 0.09 0.01 0.1 88.8 85-115 Lead 0.09 0.02 0.1 88.6 85-115 Molybdenum 0.09 0.02 0.1 88.5 85-115 Vanadium 0.099 0.02 0.1 88.5 85-115 Vanadium 0.099 0.02 0.1 88.5 85-115 Sample Type MBLK Units: mg/L Sample Type MBLK Units: mg/L Result RL Spike Ref Samp %REC % Rec Limits Qual BLANK 02/24/11 13:57 Fluoride ND 0.1 Sample Type CS Units: mg/L Sample Type CS Wet ND 0.1 Sample Type CS Units: mg/L Sample Type CS Units: mg/L Sample Type CS Units: mg/L Sample Type Sample Type Sample Type CS Units: Mg/L Qual ATQC 02/24/11 13:47 Fluoride 3.0 0.1 2.82 106 86.1 - 114 Sample Type LCS <td></td> <td></td> <td></td> <td>Cadmium</td> <td>0.088</td> <td>0.002</td> <td>0.1</td> <td></td> <td>87.5</td> <td>85 - 115</td> <td></td>				Cadmium	0.088	0.002	0.1		87.5	85 - 115	
Lead 0.09 0.02 0.1 38.6 85-115 Selenium 0.092 0.02 0.1 38.5 85-115 Varianium 0.089 0.001 0.1 38.5 85-115 Varianium 0.089 0.001 0.1 38.5 85-115 Test: Fluoride by SM 4500 Sample Type MELK Units: mg1. Sample Type Melk 0.02 0.1 38.5 85-115 Sample Type MELK Units: mg1. Sample Type Melk 0.224/t113:57 Fluoride ND 0.1 Sample Type % Rec Limits Qual BLANK 02/24/t113:57 Fluoride ND 0.1 Sample Type % Rec Limits Qual BLANK 02/24/t113:57 Fluoride ND 0.1 Sample Type % Rec Limits Qual ATOC 02/24/t113:47 Fluoride 3.0 0.1 2.82 106 86.1 · 114 Sample Type Melk Units: pCi/L Sample Type Melk<				Copper	0.09	0.01	0.1		89.8	85 - 115	
Molybolenum 0.09 0.02 0.1 86.9 85-115 Selenium 0.092 0.005 0.1 91.8 85-115 Vandium 0.09 0.02 0.1 91.8 85-115 Test: Fluoride by SM 4500 Sample Type MBLK Units: mg/L Sample Type MBLK 0.01 Sample Type MBLK 0.224/111357 Fluoride ND 0.1 Sample Type MSLK 0.224/1119.51 Fluoride ND 0.1 Sample Type MSLK 0.224/119.51 Fluoride ND 0.1 Sample Type MSCK WRec Limits Qual ATQC 0.224/1119.51 Fluoride ND 0.1 2.82 106 86.1-114 Sample ID RunNo: 67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual ATQC 0.224/1119.42 Fluoride 3.0 0.1 2.82 106 86.1-114 Qual ATQC				Lead	0.09	0.02	0.1		93.6	85 - 115	
Selenium 0.092 0.0001 0.1 91.8 db - 115 Vanadium 0.099 0.02 0.1 98.5 65 - 115 Test: Fluoride by SM 4500 Sample Type MBL.K Units: mgl. Sample Type Sample Type MBL.K Units: mgl. Sample Type MBL.K Units: Out Qual BLANK 02/24/11 13.57 Fluoride ND 0.1 Sample Type Sample Type MBL.K Qual BLANK 02/24/11 13.57 Fluoride ND 0.1 Sample Type Sample Type Ke. Climits Qual BLANK 02/24/11 13.57 Fluoride ND 0.1 Sample Type Sample Type CS Units: mgl. Sample Type				Molybdenum	0.09	0.02	0.1		86.9	85 - 115	
Utanium 0.049 0.01 0.1 88.2 85 - 115 Test: Fluoride by SM 4500 Sample Type MBLK Units: mg/L 88.2 85 - 115 Sample Type MBLK Units: mg/L Sample Type MBLK Units: 0.02 0.1 88.2 85 - 115 Sample Type MBLK Units: mg/L Sample Type MBLK 0.1 88.2 85 - 115 Sample ID RunNo:67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Oual BLANK 02/24/11 19.51 Fluoride ND 0.1 5 5 5 5 5 5 104 86.1 14 Sample ID RunNo:67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Oual ATQC 02/24/11 19.47 Fluoride 3.0 0.1 2.82 106 86.1 - 114 Sample ID RunNo:67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits <td></td> <td></td> <td></td> <td>Selenium</td> <td>0.092</td> <td>0.005</td> <td>0.1</td> <td></td> <td>91.8</td> <td>85 - 115</td> <td></td>				Selenium	0.092	0.005	0.1		91.8	85 - 115	
Variadium 0.09 0.02 0.1 66.2 63-113 Test: Fluoride by SM 4500 Sample Type MBLK Units: mg/L Sample Type Result RL Spike Ref Samp %REC % Rec Limits Qual BLANK 02/24/11 13:57 Fluoride ND 0.1 Qual				Vanadium	0.089	0.001	0.1		88.5	85 - 115	
Test: Fluoride by SM 4500 Sample Type MBLK Units: mg/L Result RL Spike Ref Samp %REC % Rec Limits Qual BLANK 02/24/11 13:57 Fluoride ND 0.1 Qual BLANK 02/24/11 13:57 Fluoride ND 0.1 Qual BLANK 02/24/11 19:51 Fluoride ND 0.1 Result RL Spike Ref Samp %REC % Rec Limits Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual Qual </td <td></td> <td></td> <td></td> <td>vanadium</td> <td>0.09</td> <td>0.02</td> <td>0.1</td> <td></td> <td>00.2</td> <td>85 - 115</td> <td></td>				vanadium	0.09	0.02	0.1		00.2	85 - 115	
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 <td>Test: Fluor</td> <td>ide by SM 4500</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Test: Fluor	ide by SM 4500									
Sample ID RunNo: 67708 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual BLANK 02/24/11 13:57 Fluoride ND 0.1	Sampl	e Type MBLK	Units: mg/	/L							
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 Qual Qual		Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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 19:47 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 Test: 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 3 3 30 100 72.6 - 137		BLANK	02/24/11 13:57	Fluoride	ND	0.1					
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 2.82 106 86.1 - 114 Sample ID RunNo: 68708 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 Test: Gross Alpha, Beta by SM 710B 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		Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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 Test: Gross Alpha, Beta by SM 71108 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 5 <td></td> <td>BLANK</td> <td>02/24/11 19:51</td> <td>Fluoride</td> <td>ND</td> <td>0.1</td> <td></td> <td></td> <td></td> <td></td> <td></td>		BLANK	02/24/11 19:51	Fluoride	ND	0.1					
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 Qual ATQC 02/24/11 19:42 Fluoride 2.9 0.1 2.82 104 86.1 - 114 Qual ATQC 02/24/11 19:42 Fluoride 2.9 0.1 2.82 104 86.1 - 114 Val Test: Gross Alpha, Beta by SM 7110B Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %.REC %. Rec Limits Qual MB1-067 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) ND 2 .<	Sampl	e Type LCS	Units: mg/	/L							
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 Test: 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) Gross Beta (Dissolved) ND 2 .		Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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 Test: Gross Alpha, Beta by SM 7110B Sample Type MBLK Units: pCi/L Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp % Rec Limits Qual MB11-067 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) ND 2 - <t< td=""><td></td><td>ATQC</td><td>02/24/11 13:47</td><td>Fluoride</td><td>3.0</td><td>0.1</td><td>2.82</td><td></td><td>106</td><td>86.1 - 114</td><td></td></t<>		ATQC	02/24/11 13:47	Fluoride	3.0	0.1	2.82		106	86.1 - 114	
ATQC 0.2/24/11 19:42 Fluoride 2.9 0.1 2.82 104 86.1 - 114 Test: 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) Gross Beta (Dissolved) ND 2 V V V V V V Rec Limits Qual Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual LCS11-067 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) 75 2 69 108 72.6 - 137 Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) 136 2 69 <t< td=""><td></td><td>Sample ID</td><td>RunNo: 67708</td><td>Analyte</td><td>Result</td><td>RL</td><td>Spike</td><td>Ref Samp</td><td>%REC</td><td>% Rec Limits</td><td>Qual</td></t<>		Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Test: Gross Alpha, Beta by SM 7110B Sample Type MBLK Units: pCi/L Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp % Rec Limits Qual MB11-067 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) ND 2 V <td< td=""><td></td><td>ATQC</td><td>02/24/11 19:42</td><td>Fluoride</td><td>2.9</td><td>0.1</td><td>2.82</td><td></td><td>104</td><td>86.1 - 114</td><td></td></td<>		ATQC	02/24/11 19:42	Fluoride	2.9	0.1	2.82		104	86.1 - 114	
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) Gross Beta (Dissolved) ND 2 .	Test: Gross	s Alpha, Beta by SM 7	7110B								
Sample IDRunNo: 68260AnalyteResultRLSpikeRef Samp %REC% Rec LimitsQualMB11-06703/10/11 9:30Gross Alpha (Dissolved) Gross Beta (Dissolved)ND2 AD <td>Sampl</td> <td>e Type MBLK</td> <td>Units: pCi</td> <td>/L</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Sampl	e Type MBLK	Units: pCi	/L							
MB11-067 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) ND 2 ND 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) Gross Alpha (Dissolved) 75 2 69 108 72.6 - 137 Sample Type MS Units: pCi/L Gross Beta (Dissolved) 130 3 130 100 72.6 - 137 Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) 106 2 69 22 122 44.4 - 137 Gross Beta (Dissolved) 137 3 130 9 98.9 44.4 - 137		Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
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) Gross Beta (Dissolved) 75 2 69 108 72.6 - 137 Sample Type MS Units: pCi/L Gross Alpha (Dissolved) 130 3 130 100 72.6 - 137 Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) 106 2 69 22 122 44.4 - 137 Sumple ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) 106 2 69 22 122 44.4 - 137 Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range Site Site Site Site Sit		MB11-067	03/10/11 9:30	Gross Alpha (Dissolved)	ND	2					
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) Gross Beta (Dissolved) 75 2 69 108 72.6 - 137 7 Sample Type MS Units: pCi/L 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 72.6 - 137 100 106 106 106 106 106 106 106 106 106 100 102 44.4 - 137 44.4 - 137 100 9 98.9 44.4 - 137 100 106 106 106 106 106 106 106 106 <td></td> <td></td> <td></td> <td>Gross Beta (Dissolved)</td> <td>ND</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td>				Gross Beta (Dissolved)	ND	3					
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 Sample Type MS Units: pCi/L Interpreter Version Version Nec Limits Qual Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) 106 2 69 22 122 44.4 - 137 Gross Beta (Dissolved) 137 3 130 9 98.9 44.4 - 137 Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range	Sampl	e Type LCS	Units: pCi	/L							
LCS11-067 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) 75 2 69 108 72.6 - 137 Sample Type MS Units: pCi/L Units: pCi/L V <t< td=""><td></td><td>Sample ID</td><td>RunNo: 68260</td><td>Analyte</td><td>Result</td><td>RL</td><td>Spike</td><td>Ref Samp</td><td>%REC</td><td>% Rec Limits</td><td>Qual</td></t<>		Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Gross Beta (Dissolved) 130 3 130 100 72.6 - 137 Sample Type MS Units: pCi/L Vector Vec		LCS11-067	03/10/11 9:30	Gross Alpha (Dissolved)	75	2	69		108	72.6 - 137	
Sample Type MS Units: pCi/L Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) 106 2 69 22 122 44.4 - 137 Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range				Gross Beta (Dissolved)	130	3	130		100	72.6 - 137	
Sample ID RunNo: 68260 Analyte Result RL Spike Ref Samp %REC % Rec Limits Qual S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) Gross Beta (Dissolved) 106 2 69 22 122 44.4 - 137 Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range Value above quantitation range	Sampl	e Type MS	Units: pCi	/L							
S1102275-001FMS 03/10/11 9:30 Gross Alpha (Dissolved) 106 2 69 22 122 44.4 - 137 Gross Beta (Dissolved) 137 3 130 9 98.9 44.4 - 137		Sample ID	RunNo: 68260	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
Gross Beta (Dissolved) 137 3 130 9 98.9 44.4 - 137 Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range Value above quantitation range		S1102275-001FMS	03/10/11 9:30	Gross Alpha (Dissolved)	106	2	69	22	122	44.4 - 137	
Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range				Gross Beta (Dissolved)	137	3	130	9	98.9	44.4 - 137	
	Qualifiers	B Analyte detect	ted in the associated Me	ethod Blank E Val	lue above quar	ntitation ran	ge				

Holding times for preparation or analysis exceeded н

Analyte detected below quantitation limits J

- Analyzed by a contract laboratory L 0 Outside the Range of Dilutions

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

s Spike Recovery outside accepted recovery limits



ANALYTICAL QC SUMMARY REPORT

CLIENT:		AUC LLC							Date:	4/8/2011	
Work Orde	er:	S1102275					Re	nort ID: S	110227	5002	
Project:	l	Reno Creek	Project				110		TIOLEI	0002	
Test: Anion	s by ION	Chromatogr	aphy								
Sample	е Туре 🛛	IBLK	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	e Type 👢	cs	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	
Test: Catior	ns by ICP	(Method 200	0.7)								
Sample	eType N	IBLK	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	e Type L	cs	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	
Test: Nitrog	ien. Amm	ionia (as N)									
Sample	еТуре 🛚	IBLK	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	e Type	cs	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

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



ANALYTICAL QC SUMMARY REPORT

CLIENT:	AUC LLC	
Work Order:	S1102275	
Project:	Reno Creek Project	

Date: 4/8/2011

Report ID: S1102275002

Test: Nitrogen, Nitrate-Nitrite (as N)

Samp	le 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					
Samp	le Type LCS	Units: mg/	Ĺ							
	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	
Test: Lead	I 210 and Polonium 21	0								
Samp	le 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					
Samp	le 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	
Samp	le Type MS	Units: pCi	/L							
	Sample ID	RunNo: 68289	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	S1102275-001FMS	03/14/11 16:36	Lead 210 (Dissolved)	16	1	13.2	3	99.3	50 - 150	
	Sample ID	RunNo: 68303	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	S1102275-001FMS	03/14/11 14:32	Polonium 210 (Dissolved)	2	1	13.2	ND	16.5	50 - 150	S

Qualifiers:

В Analyte detected in the associated Method Blank

- Holding times for preparation or analysis exceeded н
- L Analyzed by a contract laboratory
- 0 Outside the Range of Dilutions s

Spike Recovery outside accepted recovery limits

- Е Value above quantitation range
- Analyte detected below quantitation limits J
- ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

Page 5 of 9



ANALYTICAL QC SUMMARY REPORT

								_		
CLIENT:	AUC LLC							Date	: 4/8/2011	
Work Orde	er: S1102275					Re	oort ID: S	110227	5002	
Project:	Reno Creek	: Project								
Test: Lead 2	210 and Polonium 21	0								
Sample	e Type DUP	Units: pCi/	Ĺ							
	Sample ID	RunNo: 68289	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
	S1102275-001FDUP	03/14/11 16:36	Lead 210 (Suspended)	2	1	2	14.5		20	
	Sample ID	RunNo: 68303	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
	S1102275-001FDUP	03/14/11 14:32	Polonium 210 (Suspended)	ND	1	ND	0		20	
Test: Radiu	m 228									
Sample	e Type MBLK	Units: pCi/	Ĺ							
	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	e Type LCS	Units: pCi/	۲L							
	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					
Test: Radiu	m 226 by SM 7500									
Sample	e Type MBLK	Units: pCi/	Ĺ							
	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/	Ĺ							
	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:

- 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



ANALYTICAL QC SUMMARY REPORT

CLIENT:	AUC LLC
Work Order:	S1102275
Project:	Reno Creek Project

Date: 4/8/2011

Report ID: S1102275002

Test: Thorium 230 in Water

e Type MBLK	Units: pCi/	۲L							
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					
e Type LCS	Units: pCi/	Ĺ							
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	
e Type DUP	Units: pCi/	Ĺ							
Sample ID	RunNo: 68304	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1102275-001FDUP	03/14/11 9:12	Thorium 230 (Dissolved)	0.3	0.2	ND	0		20	R
1 222 by SM7500-RN									
e Type MBLK	Units: pCi/	Ĺ							
Sample ID	RunNo: 67920	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB-R67920	02/23/11 0:00	Radon-222	ND	50					L
e Type LCS	Units: pCi/	Ĺ							
Sample ID	RunNo: 67920	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS-R67920	02/23/11 0:00	Radon-222	23600	100	22500		105	75 - 125	L
as SiO2									
e 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					
e Type LCS	Units: mg/	L							
	Type MBLK Sample ID MB-R68304 Sample ID MB-R68304 Type LCS Sample ID LCS-R68304 CS-R68304 Sample ID S1102275-001FDUP Sample ID S1102275-001FDUP Sample ID S1102275-001FDUP Sample ID MB-R67920 Type LCS Sample ID LCS-R67920 as SiO2 Type MBLK Sample ID LCS-R67920 ICS LCS	Type MBLK Units: pCi/ Sample ID RunNo: 68304 MB-R68304 03/14/11 9:12 Sample ID RunNo: 68304 03/14/11 9:12 9:10 Sample ID RunNo: 68304 03/14/11 9:12 9:10	Type MBLK Units: pCi/L Sample ID RunNo: 68304 Analyte MB-R68304 03/14/11 9:12 Thorium 230 (Dissolved) Sample ID RunNo: 68304 Analyte MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) Type LCS Units: pCi/L Sample ID RunNo: 68304 Analyte LCS-R68304 03/14/11 9:12 Thorium 230 (Dissolved) Thorium 230 (Suspended) Type DUP Units: pCi/L Sample ID RunNo: 68304 Analyte Sample ID RunNo: 68304 Analyte S1102275-001FDUP 03/14/11 9:12 Thorium 230 (Dissolved) Type MBLK Units: pCi/L Sample ID RunNo: 67920 Analyte MB-R67920 02/23/11 0:00 Radon-222 Type LCS Units: pCi/L Sample ID RunNo: 67920 Analyte LCS-R67920 02/23/11 0:00 Radon-222 as SiO2 02/23/11 0:00	Type MBLK Units: pCi/L Sample ID RunNo: 68304 Analyte Result MB-R68304 03/14/11 9:12 Thorium 230 (Dissolved) ND Sample ID RunNo: 68304 Analyte Result MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) ND Type LCS Units: pCi/L Sample ID RunNo: 68304 Analyte Result LCS-R68304 03/14/11 9:12 Thorium 230 (Dissolved) 12 Thorium 230 (Suspended) 12 Type DUP Units: pCi/L Result 12 Type DUP Units: pCi/L Result 12 Sample ID RunNo: 68304 Analyte Result 12 S1102275-001FDUP 03/14/11 9:12 Thorium 230 (Dissolved) 0.3 222 by SM7500-RN Type MB-R67920 02/23/11 0:00 Radon-222 ND Type MBLK Units: pCi/L Sample ID RunNo: 67920 Analyte Result	Type MBLK Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL MB-R68304 03/14/11 9:12 Thorium 230 (Dissolved) ND 0.2 Sample ID RunNo: 68304 Analyte Result RL MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) ND 0.3 Type LCS Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL LCS-R68304 03/14/11 9:12 Thorium 230 (Dissolved) 12 0.2 0.3 Type DUP Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL S1102275-001FDUP 03/14/11 9:12 Thorium 230 (Dissolved) 0.3 0.2 222 by SM7500-RN Type MB-R67920 02/23/11 0:00 Radon-222 ND 50 Type MB-R67920 02/23/11 0:00 Radon-222 ND 50 Type LCS Units: pCi/L Sample ID RunNo: 67920 Analyte Result RL	Type MBLK Units: pCi/L Result RL Spike Sample ID RunNo: 68304 Analyte Result RL Spike MB-R68304 03/14/11 9:12 Thorium 230 (Dissolved) ND 0.2 Sample ID RunNo: 68304 Analyte Result RL Spike MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) ND 0.3 1 Type LCS Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL Spike LCS-R68304 03/14/11 9:12 Thorium 230 (Dissolved) 12 0.2 12 Type DUP Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL Ref Samp S1102275-001FDUP 03/14/11 9:12 Thorium 230 (Dissolved) 0.3 0.2 ND 222 by SM7500-RN Type MB-R67920 02/23/11 0:00 Radon-222 ND 50 Type MB-R67920 02/23/11 0:00 Radon-222 ND 50	Type MBLK Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL Spike Ref Samp MB-R68304 03/14/11 9:12 Thorium 230 (Dissolved) ND 0.2 Image Ref Samp MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) ND 0.3 Image Ref Samp MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) ND 0.3 Image Ref Samp MB-R68304 03/14/11 9:12 Thorium 230 (Suspended) ND 0.3 Image Ref Samp Type LCS Units: pCi/L Image Result RL Spike Ref Samp %RPD S1102275-001FDUP Units: pCi/L Imarity 2 Thorium 230 (Dissolved) 0.3 0.2 ND 0 222 by SM7500-RN Tropium 230 (Dissolved) 0.3 0.2 ND 0 122 Dis SM7500-RN Tropium 230 (Dissolved) 0.3 0.2 ND 0 222 by SM7500-RN Trype MBLK Units: pCi/L	Type MBLK Units: pCi/L Sample ID RunNo: 68304 Analyte Result RL Spike Ref Samp %REC MB-R66304 03/14/11 9:12 Thorium 230 (Dissolved) ND 0.2	Type MBLK Units: pC//L Sample ID RunNo: 68304 Analyte Result RL Spike Ref Samp %REC % Rec Limits MB-R68304 03/14/11 9:12 Thorium 230 (Dissolved) ND 0.2 Vertice % Rec Limits Sample ID RunNo: 68304 Analyte Result RL Spike Ref Samp %REC % Rec Limits Type LCS Units: pC//L Thorium 230 (Suspended) ND 0.3 Vertice % Rec Limits Sample ID RunNo: 68304 Analyte Result RL Spike Ref Samp %REC % Rec Limits CS- R68304 03/14/11 9:12 Thorium 230 (Dissolved) 12 0.3 12 94.2 50 - 150 Type Units: pC//L Sample ID RunNo: 68304 Analyte Result RL Ref Samp %REC % RPD Limits S1102275-001FDUP 03/14/11 9:12 Thorium 230 (Dissolved) 0.3 0.2 ND 0 20 222 by SM7500-RN Sam

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:

- 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

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ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC Work Order: S1102275 **Project: Reno Creek Project** Date: 4/8/2011

Report ID: S1102275002

Test: Solids By SM 2540

Sample	e Type MBLK	Units: mg/l	L							
	Sample ID	RunNo: 67760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	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
	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
	DI	02/24/11 11:10	Total Dissolved Solids (180)	ND	10					
Sample	e Type LCS	Units: mg/l								
	Sample ID	RunNo: 67760	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	Control	02/24/11 11:15	Total Dissolved Solids (180)	220	10	226		97.3	90 - 110	
Test: Total	(200.2) Metals by EPA	200.7 ICP - Water								
Sample	e Type MBLK	Units: mg/l	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	e Type LCS	Units: mg/l	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	e Type DUP	Units: mg/l	L							
	Sample ID	RunNo: 67802	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
	S1102275-001E	02/28/11 16:06	Iron	0.16	0.05	0.16	1.46		20	
			Manganese	0.02	0.01	0.02	0.826		20	

- Qualifiers:
 - в Analyte detected in the associated Method Blank
 - Holding times for preparation or analysis exceeded н
 - L Analyzed by a contract laboratory
 - 0 Outside the Range of Dilutions

S Spike Recovery outside accepted recovery limits

- Е Value above quantitation range
- Analyte detected below quantitation limits J
- ND Not Detected at the Reporting Limit



ANALYTICAL QC SUMMARY REPORT

CLIENT:AUC LLCWork Order:S1102275Project:Reno Creek Project

Test: Suspended Natural Uranium

Date: 4/8/2011

Report ID: S1102275002

Sample	e 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	e Type LCS	Units: mg	۲L							
	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	
Sample	e Type MS	Units: mg	/L							
	Sample ID	RunNo: 67857	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
	S1102275-001Gs	03/02/11 16:01	Uranium Suspended	1.21	0.0003	1.1	ND	110	70 - 130	
Sample	e Type DUP	Units: mg	/L							
	Sample ID	RunNo: 67857	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
	S1102275-001G	03/02/11 15:58	Uranium Suspended	ND	0.0003	ND	0		20	
est: pH Wa	ater									
Sample	e 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	рН	10.8	0.1	10.7		101	94.8 - 105	
	Sample ID	RunNo: 67708	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
ļ	ATQC	02/24/11 19:42	рН	10.9	0.1	10.7		102	94.8 - 105	

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

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