



Wednesday, May 18, 2011

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

RE: Reno Creek Project
Orde

r No.: S1103185

Dear Phil Cavendor:

Inter-Mountain Laboratories received samples OM6-001-110310 on March 11, 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: 5/18/2011

CLIENT: AUC LLC
Project: Reno Creek Project
Lab Order: S1103185

CASE NARRATIVE
Report ID: S1103185002
(Replaces S1103185001)

Sample OM6-001-110310 was received on March 11, 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

S1103185-001 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Qualifiers by sample

LCS-R68609 - General Parameters/Radon-222 - Analyzed by a contract laboratory

MB-R68609 - General Parameters/Radon-222 - Analyzed by a contract laboratory

Reviewed by:

Lacey Ketron, Water Lab Supervisor



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 5/18/2011
Report ID S1103185002
(Replaces S1103185001)

ProjectName: Reno Creek Project
Lab ID: S1103185-001
ClientSample ID: OM6-001-110310
COC: RC 08256

WorkOrder: S1103185
CollectionDate: 3/10/2011 11:20:00 AM
DateReceived: 3/11/2011 9:50:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include pH Reading, Conductivity Reading, Turbidity Reading, Dissolved Oxygen Reading, Temperature Reading, Oxygen Reduction Potential Reading, Purge Rate Reading, and Water Level Reading.

These results apply only to the samples tested.

RL - Reporting Limit

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

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

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



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401
ProjectName: Reno Creek Project
Lab ID: S1103185-001
ClientSample ID: OM6-001-110310
COC: RC 08256

Date Reported 5/18/2011
Report ID S1103185002
(Replaces S1103185001)
WorkOrder: S1103185
CollectionDate: 3/10/2011 11:20:00 AM
DateReceived: 3/11/2011 9:50:00 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: S1103185-001
ClientSample ID: OM6-001-110310
COC: RC 08256

Date Reported 5/18/2011
Report ID S1103185002
(Replaces S1103185001)
WorkOrder: S1103185
CollectionDate: 3/10/2011 11:20:00 AM
DateReceived: 3/11/2011 9:50:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Metals - Dissolved (Aluminum, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Uranium, Vanadium, Zinc) and Metals - Suspended (Uranium) and Metals - Total (Iron, Manganese).

These results apply only to the samples tested.

RL - Reporting Limit

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

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

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



Sample Analysis Report

Company: AUC LLC
1536 Cole Blvd
Lakewood, CO 80401

Date Reported 5/18/2011
Report ID S1103185002
(Replaces S1103185001)

ProjectName: Reno Creek Project
Lab ID: S1103185-001
ClientSample ID: OM6-001-110310
COC: RC 08256

WorkOrder: S1103185
CollectionDate: 3/10/2011 11:20:00 AM
DateReceived: 3/11/2011 9:50:00 AM
FieldSampler: TN
Matrix: Water

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Radionuclides - Dissolved, Radionuclides - Suspended, and Radionuclides - Total.

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

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: AUC LLC
Work Order: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
 (Replaces S1103185001)

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

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| BLANK | 03/11/11 13:45 | Alkalinity, Total (As CaCO3) | ND | 5 | | | | | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| BLANK | 03/11/11 22:36 | Alkalinity, Total (As CaCO3) | ND | 5 | | | | | |

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

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 13:34 | Alkalinity, Total (As CaCO3) | 474 | 5 | 473 | | 100 | 96.6 - 103 | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 22:26 | Alkalinity, Total (As CaCO3) | 481 | 5 | 473 | | 102 | 96.6 - 103 | |

ConductivitySample Type **MBLK** Units: µmhos/cm

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------------|--------|----|-------|----------|------|--------------|------|
| BLANK | 03/11/11 13:45 | Electrical Conductivity | ND | 5 | | | | | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------------|--------|----|-------|----------|------|--------------|------|
| BLANK | 03/11/11 22:36 | Electrical Conductivity | ND | 5 | | | | | |

Sample Type **LCS** Units: µmhos/cm

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------------|--------|----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 13:34 | Electrical Conductivity | 1010 | 5 | 1000 | | 101 | 90 - 110 | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------------|--------|----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 22:26 | Electrical Conductivity | 990 | 5 | 1000 | | 99.0 | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
(Replaces S1103185001)

Dissolved Mercury by EPA 245.1 - Water

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

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

ICB 03/16/11 7:44 Mercury ND 0.001

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

LRB 03/16/11 7:52 Mercury ND 0.001

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

LRB 03/16/11 8:38 Mercury ND 0.001

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

LRB 03/16/11 9:25 Mercury ND 0.001

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

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

LCS 03/16/11 7:50 Mercury 0.002 0.001 0.002 101 85 - 115

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

LCS 03/16/11 8:36 Mercury 0.002 0.001 0.002 100 85 - 115

| Sample ID | RunNo: 68288 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

LCS 03/16/11 9:24 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
(Replaces S1103185001)

Dissolved Metals by ICP - EPA 200.7 - Water

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

| Sample ID | RunNo: 68227 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|---------------|----------------|-----------|--------|------|-------|----------|------|--------------|------|
| MBLK DISS/CAT | 03/14/11 14:26 | Aluminum | ND | 0.1 | | | | | |
| | | Boron | ND | 0.1 | | | | | |
| | | Chromium | ND | 0.01 | | | | | |
| | | Iron | ND | 0.05 | | | | | |
| | | Manganese | ND | 0.02 | | | | | |
| | | Nickel | ND | 0.01 | | | | | |
| | | Zinc | ND | 0.01 | | | | | |

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

| Sample ID | RunNo: 68227 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|------------|----------------|-----------|--------|------|-------|----------|------|--------------|------|
| DISS LCS Q | 03/14/11 14:28 | Aluminum | 1.0 | 0.1 | 1 | | 101 | 85 - 115 | |
| | | Boron | 1.0 | 0.1 | 1 | | 102 | 85 - 115 | |
| | | Chromium | 1.00 | 0.01 | 1 | | 100 | 85 - 115 | |
| | | Iron | 1.02 | 0.05 | 1 | | 102 | 85 - 115 | |
| | | Manganese | 1.03 | 0.02 | 1 | | 103 | 85 - 115 | |
| | | Nickel | 1.03 | 0.01 | 1 | | 103 | 85 - 115 | |
| | | Zinc | 1.02 | 0.01 | 1 | | 102 | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
(Replaces S1103185001)

Dissolved Metals by ICPMS EPA 200.8 - Water

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

| Sample ID | RunNo: 68182 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|----------------|----------------|------------|--------|-------|-------|----------|------|--------------|------|
| Init Cal Blank | 03/11/11 13:28 | 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: 68182 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------|--------|-------|-------|----------|------|--------------|------|
| LCS | 03/11/11 13:36 | Arsenic | 0.101 | 0.005 | 0.1 | | 101 | 85 - 115 | |
| | | Barium | ND | 0.5 | 0.1 | | 98.6 | 85 - 115 | |
| | | Cadmium | 0.101 | 0.002 | 0.1 | | 101 | 85 - 115 | |
| | | Copper | 0.10 | 0.01 | 0.1 | | 102 | 85 - 115 | |
| | | Lead | 0.10 | 0.02 | 0.1 | | 101 | 85 - 115 | |
| | | Molybdenum | 0.10 | 0.02 | 0.1 | | 103 | 85 - 115 | |
| | | Selenium | 0.105 | 0.005 | 0.1 | | 105 | 85 - 115 | |
| | | Uranium | 0.105 | 0.001 | 0.1 | | 105 | 85 - 115 | |
| | | Vanadium | 0.10 | 0.02 | 0.1 | | 102 | 85 - 115 | |

| Sample ID | RunNo: 68182 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------|--------|-------|-------|----------|------|--------------|------|
| LCS | 03/11/11 15:58 | Arsenic | 0.102 | 0.005 | 0.1 | | 102 | 85 - 115 | |
| | | Barium | ND | 0.5 | 0.1 | | 94.0 | 85 - 115 | |
| | | Cadmium | 0.102 | 0.002 | 0.1 | | 102 | 85 - 115 | |
| | | Copper | 0.10 | 0.01 | 0.1 | | 101 | 85 - 115 | |
| | | Lead | 0.10 | 0.02 | 0.1 | | 97.7 | 85 - 115 | |
| | | Molybdenum | 0.10 | 0.02 | 0.1 | | 104 | 85 - 115 | |
| | | Selenium | 0.105 | 0.005 | 0.1 | | 105 | 85 - 115 | |
| | | Uranium | 0.107 | 0.001 | 0.1 | | 107 | 85 - 115 | |
| | | Vanadium | 0.10 | 0.02 | 0.1 | | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
 (Replaces S1103185001)

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

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|----------|--------|-----|-------|----------|------|--------------|------|
| BLANK | 03/11/11 13:45 | Fluoride | ND | 0.1 | | | | | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|----------|--------|-----|-------|----------|------|--------------|------|
| BLANK | 03/11/11 22:36 | Fluoride | ND | 0.1 | | | | | |

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

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|----------|--------|-----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 13:34 | Fluoride | 2.5 | 0.1 | 2.82 | | 87.7 | 86.1 - 114 | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|----------|--------|-----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 22:26 | Fluoride | 2.7 | 0.1 | 2.82 | | 96.6 | 86.1 - 114 | |

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

| Sample ID | RunNo: 68411 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------------|--------|----|-------|----------|------|--------------|------|
| MB11-077 | 03/20/11 21:23 | Gross Alpha (Dissolved) | ND | 2 | | | | | |
| | | Gross Beta (Dissolved) | ND | 3 | | | | | |

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

| Sample ID | RunNo: 68411 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------------|--------|----|-------|----------|------|--------------|------|
| LCS11-077 | 03/20/11 21:23 | Gross Alpha (Dissolved) | 74 | 2 | 69 | | 108 | 72.6 - 137 | |
| | | Gross Beta (Dissolved) | 130 | 3 | 130 | | 100 | 72.6 - 137 | |

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

| Sample ID | RunNo: 68218 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|----------|--------|----|-------|----------|------|--------------|------|
| BLK | 03/14/11 9:47 | Chloride | ND | 1 | | | | | |
| | | Sulfate | ND | 1 | | | | | |

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

| Sample ID | RunNo: 68218 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|----------|--------|----|-------|----------|------|--------------|------|
| DIONEX | 03/14/11 9:22 | Chloride | 30 | 1 | 30 | | 101 | 90 - 110 | |
| | | Sulfate | 143 | 1 | 150 | | 95.0 | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
(Replaces S1103185001)

Cations by ICP (Method 200.7)

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

| Sample ID | RunNo: 68221 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|---------------|----------------|-----------|--------|----|-------|----------|------|--------------|------|
| MBLK DISS/CAT | 03/14/11 14:26 | Calcium | ND | 1 | | | | | |
| | | Magnesium | ND | 1 | | | | | |
| | | Potassium | ND | 1 | | | | | |
| | | Sodium | ND | 1 | | | | | |

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

| Sample ID | RunNo: 68221 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|--------------|----------------|-----------|--------|----|-------|----------|------|--------------|------|
| CAT LCS IML3 | 03/14/11 14:31 | Calcium | 39 | 1 | 40 | | 97.2 | 85 - 115 | |
| | | Magnesium | 40 | 1 | 40 | | 98.8 | 85 - 115 | |
| | | Potassium | 40 | 1 | 40 | | 98.6 | 85 - 115 | |
| | | Sodium | 39 | 1 | 40 | | 96.2 | 85 - 115 | |

Nitrogen, Ammonia (as N)

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

| Sample ID | RunNo: 68321 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|--------------------------|--------|-----|-------|----------|------|--------------|------|
| Blank | 03/17/11 9:36 | Nitrogen, Ammonia (As N) | ND | 0.1 | | | | | |

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

| Sample ID | RunNo: 68321 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|--------------------------|--------|-----|-------|----------|------|--------------|------|
| QC | 03/17/11 9:38 | Nitrogen, Ammonia (As N) | 8.8 | 0.1 | 8.93 | | 98.3 | 90 - 110 | |

Nitrogen, Nitrate-Nitrite (as N)

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

| Sample ID | RunNo: 68362 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|----------------------------------|--------|-----|-------|----------|------|--------------|------|
| Baseline | 03/17/11 14:26 | Nitrogen, Nitrate-Nitrite (as N) | ND | 0.1 | | | | | |

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

| Sample ID | RunNo: 68362 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|----------------------------------|--------|-----|-------|----------|------|--------------|------|
| QC | 03/17/11 14:27 | Nitrogen, Nitrate-Nitrite (as N) | 7.7 | 0.1 | 7.69 | | 99.5 | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
 (Replaces S1103185001)

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

| Sample ID | RunNo: 68581 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|-----------|----------------|----------------------|----|---|--|--|--|--|--|
| MB-R68581 | 03/24/11 15:00 | Lead 210 (Dissolved) | ND | 1 | | | | | |
|-----------|----------------|----------------------|----|---|--|--|--|--|--|

| Sample ID | RunNo: 68581 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|-----------|----------------|----------------------|----|---|--|--|--|--|--|
| MB-R68581 | 03/24/11 15:00 | Lead 210 (Suspended) | ND | 1 | | | | | |
|-----------|----------------|----------------------|----|---|--|--|--|--|--|

| Sample ID | RunNo: 68582 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|-----------|----------------|--------------------------|----|---|--|--|--|--|--|
| MB-R68582 | 03/24/11 12:43 | Polonium 210 (Dissolved) | ND | 1 | | | | | |
|-----------|----------------|--------------------------|----|---|--|--|--|--|--|

| Sample ID | RunNo: 68582 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|-----------|----------------|--------------------------|----|---|--|--|--|--|--|
| MB-R68582 | 03/24/11 12:43 | Polonium 210 (Suspended) | ND | 1 | | | | | |
|-----------|----------------|--------------------------|----|---|--|--|--|--|--|

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

| Sample ID | RunNo: 68581 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|------------|----------------|----------------------|----|---|------|--|------|----------|--|
| LCS-R68581 | 03/24/11 15:00 | Lead 210 (Dissolved) | 11 | 1 | 13.1 | | 84.3 | 50 - 150 | |
| | | Lead 210 (Suspended) | 11 | 1 | 13.1 | | 84.3 | 50 - 150 | |

| Sample ID | RunNo: 68582 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|------------|----------------|--------------------------|---|---|-----|--|------|----------|--|
| LCS-R68582 | 03/24/11 12:43 | Polonium 210 (Dissolved) | 6 | 1 | 6.6 | | 88.6 | 50 - 150 | |
| | | Polonium 210 (Suspended) | 6 | 1 | 6.6 | | 88.6 | 50 - 150 | |

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

| Sample ID | RunNo: 68581 | Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
|-----------|--------------|---------|--------|----|----------|------|------|--------------|------|
|-----------|--------------|---------|--------|----|----------|------|------|--------------|------|

| | | | | | | | | | |
|------------------|----------------|----------------------|----|---|----|---|--|----|--|
| S1103185-001GDUP | 03/24/11 15:00 | Lead 210 (Dissolved) | ND | 1 | ND | 0 | | 20 | |
|------------------|----------------|----------------------|----|---|----|---|--|----|--|

| Sample ID | RunNo: 68582 | Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
|-----------|--------------|---------|--------|----|----------|------|------|--------------|------|
|-----------|--------------|---------|--------|----|----------|------|------|--------------|------|

| | | | | | | | | | |
|------------------|----------------|--------------------------|----|---|----|---|--|----|--|
| S1103185-001GDUP | 03/24/11 12:43 | Polonium 210 (Dissolved) | ND | 1 | ND | 0 | | 20 | |
|------------------|----------------|--------------------------|----|---|----|---|--|----|--|

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

| Sample ID | RunNo: 68416 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|----------|----------------|------------------------|----|---|--|--|--|--|--|
| MB11-082 | 03/21/11 16:48 | Radium 228 (Dissolved) | ND | 1 | | | | | |
|----------|----------------|------------------------|----|---|--|--|--|--|--|

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

| Sample ID | RunNo: 68416 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|-----------|----------------|------------------------|---|---|------|--|------|------------|--|
| LCS11-082 | 03/21/11 16:48 | Radium 228 (Dissolved) | 9 | 1 | 9.73 | | 93.5 | 63.8 - 119 | |
|-----------|----------------|------------------------|---|---|------|--|------|------------|--|

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

| Sample ID | RunNo: 68416 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|-----------------|----------------|------------------------|----|---|------|---|------|------------|--|
| S1103185-001GMS | 03/21/11 16:48 | Radium 228 (Dissolved) | 11 | 1 | 9.73 | 1 | 97.2 | 52.4 - 145 | |
|-----------------|----------------|------------------------|----|---|------|---|------|------------|--|

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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
 (Replaces S1103185001)

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

| Sample ID | RunNo: 68337 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| MB11-073 | 03/17/11 9:05 | Radium 226 (Dissolved) | ND | 0.2 | | | | | |

| Sample ID | RunNo: 68337 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|------------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| DMB11-073B | 03/17/11 9:05 | Radium 226 (Suspended) | ND | 0.2 | | | | | |

| Sample ID | RunNo: 68337 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|------------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| DMB11-073A | 03/17/11 9:05 | Radium 226 (Suspended) | ND | 0.2 | | | | | |

| Sample ID | RunNo: 68801 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| MB11-087 | 04/01/11 9:46 | Radium 226 (Dissolved) | ND | 0.2 | | | | | |

| Sample ID | RunNo: 68801 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| DMB11-087 | 04/01/11 0:00 | Radium 226 (Suspended) | ND | 0.2 | | | | | |

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

| Sample ID | RunNo: 68337 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| LCS11-073 | 03/17/11 9:05 | Radium 226 (Dissolved) | 5.0 | 0.2 | 5 | | 99.5 | 69.3 - 130 | |
| | | Radium 226 (Suspended) | 5.0 | 0.2 | 5 | | 99.5 | 69.3 - 130 | |

| Sample ID | RunNo: 68801 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|------------------------|--------|-----|-------|----------|------|--------------|------|
| LCS11-087 | 04/01/11 9:46 | Radium 226 (Dissolved) | 4.7 | 0.2 | 5 | | 93.8 | 69.3 - 130 | |
| | | Radium 226 (Suspended) | 4.7 | 0.2 | 5 | | 93.8 | 69.3 - 130 | |

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

| Sample ID | RunNo: 68443 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|-------------------------|--------|-----|-------|----------|------|--------------|------|
| MB-R68443 | 03/21/11 9:17 | Thorium 230 (Dissolved) | ND | 0.2 | | | | | |

| Sample ID | RunNo: 68443 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|-------------------------|--------|-----|-------|----------|------|--------------|------|
| MB-R68443 | 03/21/11 9:17 | Thorium 230 (Suspended) | ND | 0.2 | | | | | |

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

| Sample ID | RunNo: 68443 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|------------|---------------|-------------------------|--------|-----|-------|----------|------|--------------|------|
| LCS-R68443 | 03/21/11 9:17 | Thorium 230 (Dissolved) | 12 | 0.2 | 12 | | 93.1 | 50 - 150 | |
| | | Thorium 230 (Suspended) | 12 | 0.2 | 12 | | 93.1 | 50 - 150 | |

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

| Sample ID | RunNo: 68443 | Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
|------------------|---------------|-------------------------|--------|-----|----------|------|------|--------------|------|
| S1103185-001GDUP | 03/21/11 9:17 | Thorium 230 (Dissolved) | ND | 0.2 | ND | 0 | | 20 | |

Qualifiers:

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



ANALYTICAL QC SUMMARY REPORT

CLIENT: AUC LLC
Work Order: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
(Replaces S1103185001)

Radon 222 by SM7500-RN

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

| Sample ID | RunNo: 68609 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|---------------|-----------|--------|----|-------|----------|------|--------------|------|
| MB-R68609 | 03/11/11 0:00 | Radon-222 | ND | 50 | | | | | L |

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

| Sample ID | RunNo: 68609 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|------------|---------------|-----------|--------|-----|-------|----------|------|--------------|------|
| LCS-R68609 | 03/11/11 0:00 | Radon-222 | 22100 | 100 | 22500 | | 98.2 | 75 - 125 | L |

Silica as SiO2

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

| Sample ID | RunNo: 68230 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|---------------|----------------|----------------|--------|-----|-------|----------|------|--------------|------|
| MBLK DISS/CAT | 03/14/11 14:26 | Silica as SiO2 | ND | 0.1 | | | | | |

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

| Sample ID | RunNo: 68230 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|------------|----------------|----------------|--------|-----|-------|----------|------|--------------|------|
| DISS LCS Q | 03/14/11 14:28 | Silica as SiO2 | 2.1 | 0.1 | 2.14 | | 97.7 | 85 - 115 | |

Solids By SM 2540

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

| Sample ID | RunNo: 68247 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| Air | 03/11/11 11:00 | Total Dissolved Solids (180) | ND | 10 | | | | | |

| Sample ID | RunNo: 68247 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| Air | 03/11/11 11:05 | Total Dissolved Solids (180) | ND | 10 | | | | | |

| Sample ID | RunNo: 68247 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| DI | 03/11/11 11:10 | Total Dissolved Solids (180) | ND | 10 | | | | | |

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

| Sample ID | RunNo: 68247 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|------------------------------|--------|----|-------|----------|------|--------------|------|
| Control | 03/11/11 11:15 | Total Dissolved Solids (180) | 230 | 10 | 226 | | 100 | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
(Replaces S1103185001)

Total (200.2) Metals by EPA 200.7 ICP - Water

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

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|----|------|--|--|--|--|--|
| BLK 3/10 TOT -4954 | 03/14/11 20:48 | Iron | ND | 0.05 | | | | | |
| | | Manganese | ND | 0.02 | | | | | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|----|------|--|--|--|--|--|
| BLK 3/10 TOT -4954 | 03/14/11 22:13 | Iron | ND | 0.05 | | | | | |
| | | Manganese | ND | 0.02 | | | | | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|----|------|--|--|--|--|--|
| BLK 3/11 TOT -4958 | 03/14/11 22:20 | Iron | ND | 0.05 | | | | | |
| | | Manganese | ND | 0.02 | | | | | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|----|------|--|--|--|--|--|
| BLK 3/11 TOT -4958 | 03/14/11 23:44 | Iron | ND | 0.05 | | | | | |
| | | Manganese | ND | 0.02 | | | | | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|---------------|-----------|----|------|--|--|--|--|--|
| BLK 3/14 TOT -4961 | 03/15/11 2:00 | Iron | ND | 0.05 | | | | | |
| | | Manganese | ND | 0.02 | | | | | |

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

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|------|------|-----|--|------|----------|--|
| LCS 3/10 TOT -4954 | 03/14/11 20:50 | Iron | 0.47 | 0.05 | 0.5 | | 94.4 | 85 - 115 | |
| | | Manganese | 0.19 | 0.02 | 0.2 | | 95.8 | 85 - 115 | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|------|------|-----|--|------|----------|--|
| LCS 3/10 TOT -4954 | 03/14/11 22:15 | Iron | 0.47 | 0.05 | 0.5 | | 93.6 | 85 - 115 | |
| | | Manganese | 0.19 | 0.02 | 0.2 | | 94.8 | 85 - 115 | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|------|------|-----|--|------|----------|--|
| LCS 3/11 TOT -4958 | 03/14/11 22:22 | Iron | 0.47 | 0.05 | 0.5 | | 93.2 | 85 - 115 | |
| | | Manganese | 0.19 | 0.02 | 0.2 | | 94.8 | 85 - 115 | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|----------------|-----------|------|------|-----|--|------|----------|--|
| LCS 3/11 TOT -4958 | 03/14/11 23:46 | Iron | 0.46 | 0.05 | 0.5 | | 91.6 | 85 - 115 | |
| | | Manganese | 0.19 | 0.02 | 0.2 | | 93.8 | 85 - 115 | |

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|
|-----------|--------------|---------|--------|----|-------|----------|------|--------------|------|

| | | | | | | | | | |
|--------------------|---------------|-----------|------|------|-----|--|------|----------|--|
| LCS 3/14 TOT -4961 | 03/15/11 2:02 | Iron | 0.46 | 0.05 | 0.5 | | 91.4 | 85 - 115 | |
| | | Manganese | 0.19 | 0.02 | 0.2 | | 93.2 | 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: S1103185
Project: Reno Creek Project

Date: 5/18/2011
Report ID: S1103185002
 (Replaces S1103185001)

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

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|----------------|---------------|-----------|--------|------|-------|----------|------|--------------|------|
| S1103185-001FS | 03/15/11 2:19 | Iron | 0.83 | 0.05 | 0.5 | 0.40 | 85.6 | 70 - 130 | |
| | | Manganese | 0.65 | 0.02 | 0.2 | 0.46 | 91.7 | 70 - 130 | |

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

| Sample ID | RunNo: 68232 | Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
|----------------|---------------|-----------|--------|------|------|-------|------|--------------|------|
| S1103185-001FS | 03/15/11 2:22 | Iron | 0.84 | 0.05 | 0.83 | 1.81 | 88.5 | 20 | |
| | | Manganese | 0.64 | 0.02 | 0.65 | 0.341 | 90.6 | 20 | |

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

| Sample ID | RunNo: 68258 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|-------------------|--------|--------|-------|----------|------|--------------|------|
| LCS | 03/15/11 10:55 | Uranium Suspended | 0.101 | 0.0003 | 0.1 | | 101 | 85 - 115 | |

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

| Sample ID | RunNo: 68258 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|----------------|----------------|-------------------|--------|--------|-------|----------|------|--------------|------|
| S1103185-001Hs | 03/15/11 12:06 | Uranium Suspended | 1.15 | 0.0003 | 1.1 | ND | 104 | 70 - 130 | |

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

| Sample ID | RunNo: 68258 | Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
|---------------|----------------|-------------------|--------|--------|----------|------|------|--------------|------|
| S1103185-001H | 03/15/11 12:02 | Uranium Suspended | ND | 0.0003 | ND | 0 | | 20 | |

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

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|---------|--------|-----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 13:34 | pH | 10.8 | 0.1 | 10.7 | | 101 | 94.8 - 105 | |

| Sample ID | RunNo: 68188 | Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
|-----------|----------------|---------|--------|-----|-------|----------|------|--------------|------|
| ATQC | 03/11/11 22:26 | pH | 10.8 | 0.1 | 10.7 | | 101 | 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
 1573 Terra Ave
 Sheridan, WY 82801
 (307) 682-8945

This is a LEGAL DOCUMENT. All shaded fields must be completed. See reverse for instructions. #RC 082556

- CHAIN OF CUSTODY RECORD -

Client Name: AUC LLC
 Report Address: pcavendor@auc-llc.com; mickerson@treccorp.com; jshriver@treccorp.com
 Invoice Address: AUC LLC
 951 W. 2nd St. Q. 378395
 Casper WY 82601

Project Identification: Reno Creek Project
 Contact Name: Tracy Mickerson
 Email: mickerson@treccorp.com
 Phone: 307-265-0696
 Purchase Order #: [blank]
 Quote #: [blank]

Sampler (Signature/Printed): Tracy Mickerson
 Telephone #: 2696

| ITEM | LAB ID (Lab Use Only) | DATE SAMPLED | TIME | SAMPLE IDENTIFICATION | Matrix | # of Containers | ANALYSES / PARAMETERS | REMARKS |
|------|--------------------------|--------------|-------|-----------------------|--------|-----------------|--|-----------|
| 1 | 51103185 | 3/10/11 | 11:20 | OMe-001-110310 | | X | See Attached Table 1 (4,14, Guide 8, Radon 222) See Attached Table 2 (Air Particulate) See Attached Table 3 (Vegetation) See Attached Table 4 (Sediment) See Attached Table 5 (Soil) See Attached Table 8 WYPDES Discharge See Attached Table 9 (Blanks) | COUNDAVET |
| 2-14 | | | | | | | | |

LAB COMMENTS: Relinquished By (Signature/Printed) Tracy Mickerson
 DATE: 3/10/11
 TIME: 1511

RECEIVED BY (Signature/Printed): Kathy Thompson
 DATE: 3/11/11
 TIME: 9:50

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
 Rush & Urgent Surcharges will be applied

COMPLIANCE INFORMATION: Compliance Monitoring? Y
 Program (SDWA, NPDES,...)
 PWSID / Permit #
 Chlorinated?
 Sample Disposal: Lab Y Client N

ADDITIONAL REMARKS: