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WYOMING OFFICE
5880 ENTERPRISE DR., STE. 200
CASPER, WY 82609
TEL: (307) 265-2373
FAX: (307) 265-2801

LOST CREEK ISR, LLC

December 12, 2013

Mr. John Saxton
Project Manager
U.S. Nuclear Regulatory Commission
Mail Stop T-8F5
11545 Rockville Pike,
Rockville, MD 20852

**Re: Lost Creek Project,
NRC License SUA-1598, Docket No. 40-9068
30 Day Follow Up Spill Report**

Dear Mr. Saxton,

Pursuant to License Condition 11.6, Lost Creek ISR, LLC ("LCI") hereby provides a written report detailing a release of injection fluid that was reportable to the Wyoming Department of Environmental Quality. Using the WDEQ spill report webpage, LCI notified the WDEQ of the spill on November 12, 2013. LCI notified the NRC of this spill, through email to John Saxton and Linda Gersey on the same day as the report to the WDEQ. The spill was located in the NW quarter of the NE quarter of Section 19, T25N, R92W. The original spill notification included the statement that the spill was in the NE quarter of the NE quarter.

On November 12, 2013 at approximately 7 a.m. a wellfield operator, while performing a wellfield inspection, discovered a release of injection fluid from injection well 11103. The operator shut down the injection well at the header house to stop the release. The well-head had been removed so the well could be worked on. The total volume of the release was approximately 3,360 gallons. No fluid was recovered because it flowed downhill and spread too quickly. The spill area was mapped with GPS (see Figure 1 below). The measured uranium concentration of the released water was 0.08 mg/L, measured by the in-house laboratory. A sample of the injection fluid was sent in to a third party lab for more complete analysis. Soil samples were collected from 3 locations in the spill and one background location. The third party lab results are presented attached to this document. See figure 1 below for sampling locations. These soil samples were used to determine that clean up is not necessary, based on a limit of 900 pCi/g of uranium and 18 pCi/g of radium during site operations (pursuant to TR 5.7.6.6 Plant and Mine Unit Control).

Lost Creek ISR, LLC is a wholly-owned subsidiary of Ur-Energy Inc.

TSX: URE

www.ur-energy.com

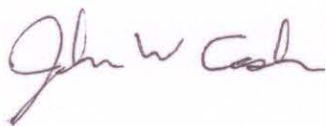
December 12, 2013

Re: Written Notification of Groundwater Release

In order to prevent similar incidents in the future, Lock Out Tag Out procedures will be used whenever a well is worked on. The crew performing the work on the well will be responsible for tagging out the line by locking the valve in the header house, and capping the end of the line. The wellfield operators will also be informed of any well being worked on. This additional procedure has been conveyed to the Construction Supervisor and Wellfield Construction employees, and the Casing Crew Supervisor and Casing Crew employees. A safety meeting was held with all site employees on November 18th to convey the necessity to tag out and cap all lines prior to performing work.

If you have any questions regarding this letter or require additional information please feel free to contact me at (307) 265-2373.

Sincerely,



John W. Cash, Vice President

Cc: Mrs. Melissa Bautz, Lander LQD
Mrs. Theresa Horne, Ur-Energy, Littleton
Mr. Mark Newman, Rawlins BLM

ATTACHMENTS

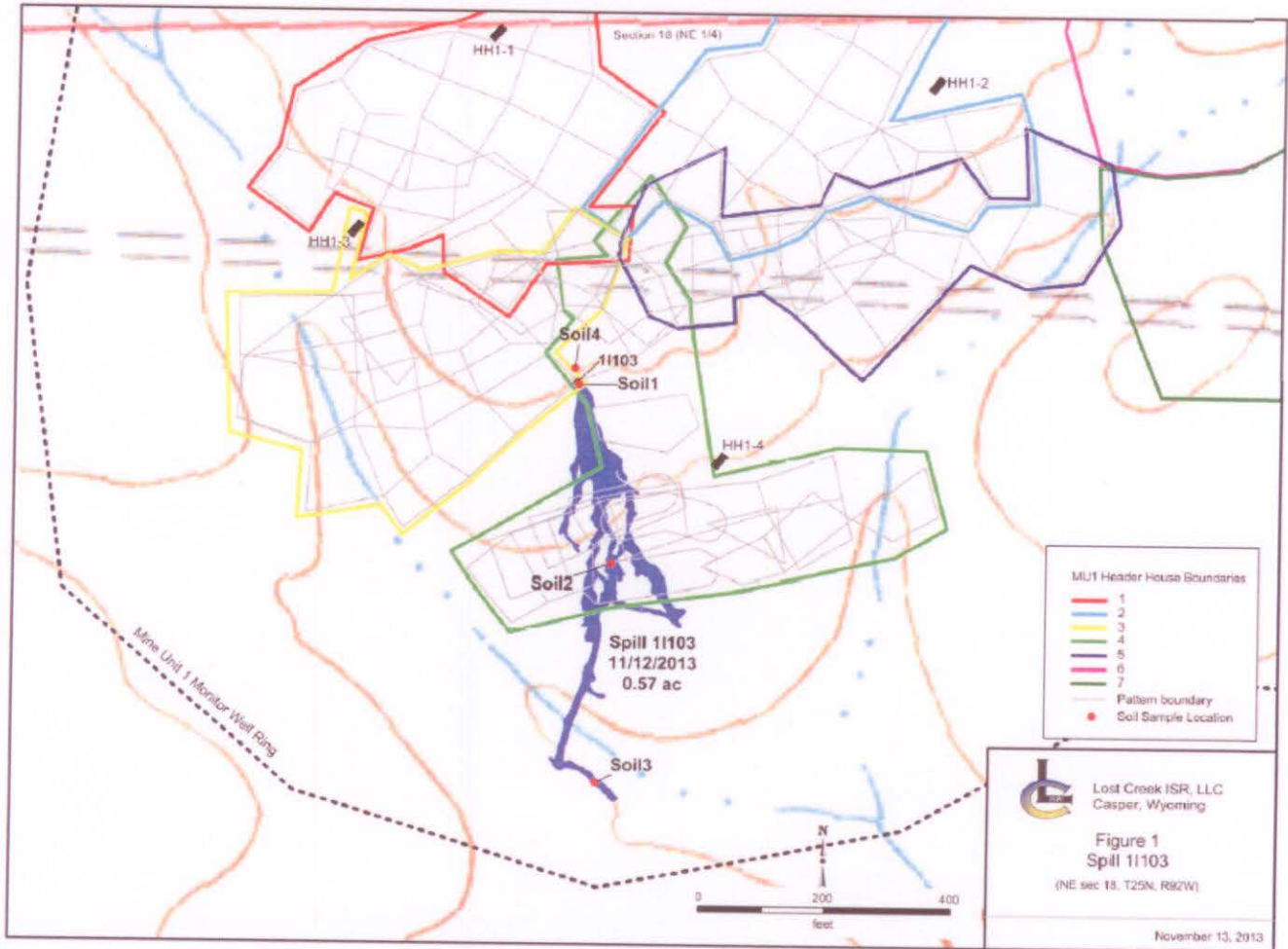
**Figure 1: Spill 11103 – 11/12/2013
Analytical Lab Report of Spill Samples**

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TSX: URE

www.ur-energy.com

Figure 1





Inter-Mountain Labs

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Environmental Monitoring Partner

ANALYTICAL QC SUMMARY REPORT

CLIENT: UR-Energy
Work Order: S1311232
Project: Spill Analysis

Date: 12/6/2013
Report ID: S1311232001

Radium 226 in Water - Dissolved

Sample ID	RunNo: 102349	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB13-322	11/22/13 9:15	Radium 226 (Dissolved)	ND	0.2					

Sample ID	RunNo: 102349	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS13-322	11/22/13 9:15	Radium 226 (Dissolved)	4.6	0.2	5.02		92.3	76.4 - 122	

Sample ID	RunNo: 102349	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
TAP WATER MS	11/22/13 9:15	Radium 226 (Dissolved)	5.2	0.2	5.02	ND	104	74.5 - 133	

Sample ID	RunNo: 102349	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
TAP WATER MSD	11/22/13 9:15	Radium 226 (Dissolved)	4.8	0.2	5.2	7.51	96.5	20	

Total (3060) Metals by EPA 200.8 - Soil

Sample ID	RunNo: 102243	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	11/21/13 13:20	Uranium	ND	0.2					

Sample ID	RunNo: 102243	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	11/21/13 13:16	Uranium	67.0	0.2	67.7		98.9	85 - 115	

Sample ID	RunNo: 102243	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1311232-001BS	11/21/13 21:09	Uranium	742	0.2	745	4.9	98.9	70 - 130	

Sample ID	RunNo: 102243	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1311232-001BMSD	11/21/13 21:14	Uranium	752	0.2	742	1.35	100	20	

Sample ID	RunNo: 102243	Analyte	Result	RL	Ref Samp	%RPD	%REC	% RPD Limits	Qual
S1311232-001BD	11/21/13 21:04	Uranium	4.8	0.2	4.9	1.78		20	

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

December 12, 2013
 Re: Written Notification of Groundwater Release



Inter-Mountain Labs
 Sheridan, WY and Gillette, WY

- CHAIN OF CUSTODY RECORD -
 All shaded fields must be completed.
 This is a legal document; any misrepresentation may be construed as fraud.

Page 1 of 1
 # 150104

Client Name: **Lost Creek (aka UR-Energy)**
 Report Address: **Spill Analysis**
 Project Identification: **Chris Pedersen**
 Contract Name: **Chris Pedersen**
 Email: **chris.pedersen@ur-energy.com**
 Phone: **9705237-2052**
 Purchase Order #: **150104**
 Quote #:
 Sampler (Signature/Attestation of Authenticity): *Chris Pedersen*
 Telephone #: **9705237-2052**

ITEM	LAB ID (Lab Use Only)	DATE SAMPLED	TIME	SAMPLE IDENTIFICATION	Matrix	# of Containers	ANALYSES / PARAMETERS	REMARKS
1	S1311233-001	11/12/2013		S1			Uranium Ra-226	
2	-002	11/12/2013		S2				IT IS THE WORLD THAT WE LIVE IN. WE CAN GET THE RESULTS WE WANT IN THE WAY WE WANT THEM. WE APPRECIATE ANYTHING IN A timely fashion.
3	-003	11/12/2013		S3				
4	-004	11/12/2013		S4				
5	-005	11/12/2013		S2	S-15cm			
6	-006	11/12/2013		HH3	Inject			
7-14								

LAB COMMENTS	DATE	TIME	DATE	TIME
Refrinquished By (Signature/Printed): <i>Chris Pedersen</i>	11/15/13	10:53	Received By (Signature/Printed): <i>Stacy</i>	

1036

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

MATRIX CODES: Water, Soil, Filler, Other

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

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

ADDITIONAL REMARKS:

December 12, 2013
Re: Written Notification of Groundwater Release



Inter-Mountain Labs

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Environmental Monitoring Partner

Date: 12/6/2013

CLIENT: UR-Energy
Project: Spill Analysis
Lab Order: S1311232

CASE NARRATIVE


Report ID: S1311232001

Samples HH3 Inject, S1, S2, S2 5-15cm, S3, and S4 were received on November 15, 2013.

All samples were received and analyzed within the EPA recommended holding times, except those noted below in this case narrative. Samples were analyzed using the methods outlined in the following references:

"Standard Methods For The Examination of Water and Wastewater", approved method versions
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition
40 CFR Parts 136 and 141
40 CFR Part 50, Appendices B, J, L, and O
Methods indicated in the Methods Update Rule published in the Federal Register Friday, May 18, 2012
ASTM approved and recognized standards

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager

Page 1 of 1



Inter-Mountain Labs

Your Environmental Monitoring Partner

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Sample Analysis Report

Company: UR-Energy
 5880 Enterprise Dr. Suite 200
 Casper, WY 82609

Date Reported: 12/6/2013
Report ID: S1311232001

ProjectName: Spill Analysis
Lab ID: S1311232-001
ClientSample ID: S1
COC: 150104

WorkOrder: S1311232
CollectionDate: 11/12/2013
DateReceived: 11/15/2013 10:53:00 AM
FieldSampler: CP
Matrix: Soil

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Radionuclides - Total						
Radium 226	6.2	pCi/g		0.2	SM 7500 Ra-B	11/27/2013 1831 SH
Radium 226 Precision (±)	0.3	pCi/g			SM 7500 Ra-B	11/27/2013 1831 SH
Metals - Total						
Uranium	4.9	pCi/g		0.2	EPA 200.8	11/21/2013 2058 MS

These results apply only to the samples tested.

RL - Reporting Limit

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value exceeds Maximum Contaminant Level | B Analyte detected in the associated Method Blank |
| | C Calculated Value | 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 | M Value exceeds Monthly Ave or MCL |
| | ND Not Detected at the Reporting Limit | O Outside the Range of Dilutions |
| | S Spike Recovery outside accepted recovery limits | |

Reviewed by: Wade Nieuwsma
 Wade Nieuwsma, Assistant Laboratory Manager



Inter-Mountain Labs

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Environmental Monitoring Partner

Sample Analysis Report

Company: UR-Energy
 5880 Enterprise Dr. Suite 200
 Casper, WY 82609

Date Reported: 12/6/2013
Report ID: S1311232001

ProjectName: Spill Analysis
Lab ID: S1311232-002
ClientSample ID: S2
COC: 150104

WorkOrder: S1311232
CollectionDate: 11/12/2013
DateReceived: 11/15/2013 10:53:00 AM
FieldSampler: CP
Matrix: Soil

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Radionuclides - Total						
Radium 226	4.0	pCi/g		0.2	SM 7500 Ra-B	11/27/2013 1831 SH
Radium 226 Precision (±)	0.3	pCi/g			SM 7500 Ra-B	11/27/2013 1831 SH
Metals - Total						
Uranium	5.2	pCi/g		0.2	EPA 200.8	11/21/2013 2119 MS

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: Wade Nieuwsma
 Wade Nieuwsma, Assistant Laboratory Manager



Inter-Mountain Labs

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Your Environmental Monitoring Partner

Sample Analysis Report

Company: UR-Energy
 5880 Enterprise Dr. Suite 200
 Casper, WY 82609

Date Reported: 12/6/2013
Report ID: S1311232001

ProjectName: Spill Analysis
Lab ID: S1311232-003
ClientSample ID: S3
COC: 150104

WorkOrder: S1311232
CollectionDate: 11/12/2013
DateReceived: 11/15/2013 10:53:00 AM
FieldSampler: CP
Matrix: Soil

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Radionuclides - Total						
Radium 226	2.0	pCi/g		0.2	SM 7500 Ra-B	11/27/2013 1831 SH
Radium 226 Precision (±)	0.2	pCi/g			SM 7500 Ra-B	11/27/2013 1831 SH
Metals - Total						
Uranium	2.0	pCi/g		0.2	EPA 200.8	11/21/2013 2124 MS

These results apply only to the samples tested.

RL - Reporting Limit

- | | |
|---|---|
| <p>Qualifiers:</p> <ul style="list-style-type: none"> * 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 | <ul style="list-style-type: none"> 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: Wade Nieuwsma
 Wade Nieuwsma, Assistant Laboratory Manager



Inter-Mountain Labs

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Your Environmental Monitoring Partner

Sample Analysis Report

Company: UR-Energy
 5880 Enterprise Dr. Suite 200
 Casper, WY 82609

Date Reported: 12/6/2013
Report ID: S1311232001

ProjectName: Spill Analysis
Lab ID: S1311232-004
ClientSample ID: S4
COC: 150104

WorkOrder: S1311232
CollectionDate: 11/12/2013
DateReceived: 11/15/2013 10:53:00 AM
FieldSampler: CP
Matrix: Soil

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Radionuclides - Total						
Radium 226	3.7	pCi/g		0.2	SM 7500 Ra-B	11/27/2013 1831 SH
Radium 226 Precision (±)	0.3	pCi/g			SM 7500 Ra-B	11/27/2013 1831 SH
Metals - Total						
Uranium	4.4	pCi/g		0.2	EPA 200.8	11/21/2013 2129 MS

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: Wade Nieuwsma
 Wade Nieuwsma, Assistant Laboratory Manager



Inter-Mountain Labs

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Your Environmental Monitoring Partner

Sample Analysis Report

Company: UR-Energy
 5880 Enterprise Dr. Suite 200
 Casper, WY 82609

Date Reported: 12/6/2013
Report ID: S1311232001

ProjectName: Spill Analysis
Lab ID: S1311232-005
ClientSample ID: S2 5-15cm
COC: 150104

WorkOrder: S1311232
CollectionDate: 11/12/2013
DateReceived: 11/15/2013 10:53:00 AM
FieldSampler: CP
Matrix: Soil

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
Radionuclides - Total						
Radium 226	5.1	pCi/g		0.2	SM 7500 Ra-B	11/27/2013 1831 SH
Radium 226 Precision (±)	0.3	pCi/g			SM 7500 Ra-B	11/27/2013 1831 SH
Metals - Total						
Uranium	4.7	pCi/g		0.2	EPA 200.8	11/21/2013 2145 MS

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: Wade Nieuwsma
 Wade Nieuwsma, Assistant Laboratory Manager



Inter-Mountain Labs

Your Environmental Monitoring Partner

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Sample Analysis Report

Company: UR-Energy
 5880 Enterprise Dr. Suite 200
 Casper, WY 82609

Date Reported: 12/6/2013
Report ID: S1311232001

ProjectName: Spill Analysis
Lab ID: S1311232-006
ClientSample ID: HH3 Inject
COC: 150104

WorkOrder: S1311232
CollectionDate: 11/12/2013
DateReceived: 11/15/2013 10:53:00 AM
FieldSampler: CP
Matrix: Water

Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init	
Metals - Dissolved							
Uranium	2.55	mg/L		0.0003	EPA 200.8	11/18/2013 1700	MS
Uranium Activity	1730	pCi/L		0.2	Calculation	12/06/2013 1051	MS
Radionuclides - Dissolved							
Radium 226	1510	pCi/L		0.2	SM 7500 Ra-B	11/22/2013 915	SH
Radium 226 Precision (±)	8.6	pCi/L			SM 7500 Ra-B	11/22/2013 915	SH

These results apply only to the samples tested.

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

RL - Reporting Limit

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

Reviewed by: Wade Nieuwsma
 Wade Nieuwsma, Assistant Laboratory Manager



Inter-Mountain Labs

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Environmental Monitoring Partner

ANALYTICAL QC SUMMARY REPORT

CLIENT: UR-Energy
Work Order: S1311232
Project: Spill Analysis

Date: 12/6/2013
Report ID: S1311232001

Dissolved Metals by ICPMS EPA 200.8 - Water

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

Sample ID	RunNo: 102087	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MBLK	11/18/13 14:42	Uranium	ND	0.0003					

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

Sample ID	RunNo: 102087	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS	11/18/13 14:38	Uranium	0.101	0.0003	0.1		101	85 - 115	

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

Sample ID	RunNo: 102087	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
S1311230-011CS	11/18/13 16:45	Uranium	1.01	0.0003	1.1	0.0141	91.0	70 - 130	

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

Sample ID	RunNo: 102087	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
S1311230-011CMSD	11/18/13 16:50	Uranium	1.10	0.0003	1.01	8.65	98.9	20	

Radium 226 by SM 7500

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

Sample ID	RunNo: 102562	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
MB13-326	11/27/13 15:46	Radium 226	ND	0.2					

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

Sample ID	RunNo: 102562	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
LCS13-326	11/27/13 15:46	Radium 226	4.6	0.2	5.02		91.8	87.4 - 111	

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

Sample ID	RunNo: 102562	Analyte	Result	RL	Spike	Ref Samp	%REC	% Rec Limits	Qual
TAP WATER MS	11/27/13 18:31	Radium 226	5.1	0.2	5.02	ND	101	70.8 - 130	

Sample Type **MSD** Units: pCi/g

Sample ID	RunNo: 102562	Analyte	Result	RL	Conc	%RPD	%REC	% RPD Limits	Qual
TAP WATER MSD	11/27/13 18:31	Radium 226	5.2	0.2	5.1	1.79	103	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	