

**CAMECO RESOURCES  
CROW BUTTE OPERATION**



**86 Crow Butte Road  
P.O. Box 169  
Crawford, Nebraska 69339-0169**

**(308) 665-2215  
(308) 665-2341 – FAX**

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August 22, 2022

ATTN: Document Control Desk, Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Source Materials License SUA-1534  
Docket No. 40-8943  
SM8-25 Monitor Well Excursion - Final Report Amendment

Dear Document Control Desk:

On March 27, 2019, during routine biweekly water sampling of Cameco Resources, Crow Butte Operation (CBO) shallow monitor well SM8-25, the single parameter upper control limit (SCL) for conductivity was exceeded. As required by License Condition 11.1.5 of Source Materials License SUA-1534, a second sample was collected within 24 hours and analyzed for the three excursion indicator parameters. The results of the second sample exceeded the SCL for conductivity.

In accordance with License Condition 11.2.2 of Source Materials License SUA-1534, CBO increased the sampling frequency for SM8-25 to weekly for natural uranium. Weekly samples were obtained from April 24, 2019, to August 14, 2019. It was identified during the Crow Butte Operation's scheduled NRC inspection that the results of the samples were not provided to the NRC within 60 days of the excursion confirmation as required. CBO removed SM8-25 from excursion status and returned it to routine biweekly sampling. Attached are the results of the weekly natural uranium samples. This letter and attachments are to serve as an amendment to the final notice letter dated September 5, 2020, SM8-25 Monitor Well Excursion – Final Report.

If you have any questions regarding this submittal, please feel free to contact me at (308) 665-2215, ext. 117.

Sincerely,  
Cameco Resources  
Crow Butte Operation

  
Casey Yada  
SHEQ Coordinator

# CROW BUTTE RESOURCES, INC.



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**Document Control Desk, Director**

**August 22, 2022**

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Enclosures: As Stated

cc: NRC – Deputy Director  
CBO - File

cc: CBO



Inter-Mountain Labs

Your Environmental Monitoring Partner

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

### Sample Analysis Report

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 5/10/2019  
**Report ID:** S1905034001

**Project:** SM 8-25, SM 8-28 4-24-19  
**Lab ID:** S1905034-001  
**Client Sample ID:** SM 8-25 (4-24-19)

**Work Order:** S1905034  
**Collection Date:** 4/24/2019  
**Date Received:** 5/2/2019 12:10:00 PM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.161	0.0003		mg/L	05/02/2019 1911 MS	EPA 200.8

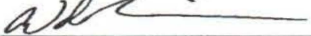
These results apply only to the samples tested.

RL - Reporting Limit

**Qualifiers:**

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
L	Analyzed by another laboratory
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits
X	Matrix Effect

C	Calculated Value
G	Analyzed at IML Gillette laboratory
J	Analyte detected below quantitation limits
M	Value exceeds Monthly Ave or MCL or is less than LCL
O	Outside the Range of Dilutions
U	Analysis reported under the reporting limit

Reviewed by:   
Wade Nieuwsma, Assistant Laboratory Manager

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 5/24/2019  
**Report ID:** S1905379001

**Project:** EXCURSION MONITOR WELLS  
**Lab ID:** S1905379-001  
**Client Sample ID:** SM-8-25 (5-1-19)

**Work Order:** S1905379  
**Collection Date:** 5/1/2019  
**Date Received:** 5/21/2019 2:20:00 PM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.147	0.0003		mg/L	05/22/2019 1647 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Wade Nieuwsma, Assistant Laboratory Manager

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 5/24/2019  
**Report ID:** S1905379001

**Project:** EXCURSION MONITOR WELLS  
**Lab ID:** S1905379-007  
**Client Sample ID:** SM-8-25 (5-8-19)

**Work Order:** S1905379  
**Collection Date:** 5/8/2019  
**Date Received:** 5/21/2019 2:20:00 PM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.128	0.0003		mg/L	05/22/2019 1753 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Wade Nieuwsma, Assistant Laboratory Manager

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 5/24/2019  
**Report ID:** S1905379001

**Project:** EXCURSION MONITOR WELLS  
**Lab ID:** S1905379-011  
**Client Sample ID:** SM-8-25 (5-15-19)

**Work Order:** S1905379  
**Collection Date:** 5/15/2019  
**Date Received:** 5/21/2019 2:20:00 PM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.152	0.0003		mg/L	05/22/2019 1817 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Wade Nieuwsma, Assistant Laboratory Manager

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 6/18/2019  
**Report ID:** S1906076001

**Project:** EXCURSION MONITOR WELLS 5/21/19-5/29/19  
**Lab ID:** S1906076-003  
**Client Sample ID:** SM8-25 (5-22-19)

**Work Order:** S1906076  
**Collection Date:** 5/22/2019  
**Date Received:** 6/5/2019 11:34:00 AM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.117	0.0003		mg/L	06/07/2019 1327 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Wade Nieuwsma, Assistant Laboratory Manager

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 6/18/2019  
**Report ID:** S1906076001

**Project:** EXCURSION MONITOR WELLS 5/21/19-5/29/19  
**Lab ID:** S1906076-007  
**Client Sample ID:** SM 8-25 (5-29-19)

**Work Order:** S1906076  
**Collection Date:** 5/29/2019  
**Date Received:** 6/5/2019 11:34:00 AM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.117	0.0003		mg/L	06/07/2019 1403 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Wade Nieuwsma, Assistant Laboratory Manager

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 6/24/2019  
**Report ID:** S1906359001

**Project:** EXCURSION MONITOR WELLS 615-6/19  
**Lab ID:** S1906359-003  
**Client Sample ID:** SM8-25 (6-5-19)

**Work Order:** S1906359  
**Collection Date:** 6/5/2019  
**Date Received:** 6/21/2019  
**Sampler:** WN  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.138	0.0003		mg/L	06/22/2019 0201 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- L Analyzed by another laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- X Matrix Effect

- C Calculated Value
- G Analyzed at IML Gillette laboratory
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL or is less than LCL
- O Outside the Range of Dilutions
- U Analysis reported under the reporting limit

Reviewed by:

Jessica Nixon, Project Manager



## Sample Analysis Report

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 6/24/2019  
**Report ID:** S1906359001

**Project:** EXCURSION MONITOR WELLS 615-6/19  
**Lab ID:** S1906359-007  
**Client Sample ID:** SM8-25 (6-12-19)

**Work Order:** S1906359  
**Collection Date:** 6/12/2019  
**Date Received:** 6/21/2019  
**Sampler:** WN  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.130	0.0003		mg/L	06/22/2019 0226 MS	EPA 200.8

## These results apply only to the samples tested.

## RL - Reporting Limit

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- L Analyzed by another laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- X Matrix Effect

- C Calculated Value
- G Analyzed at IML Gillette laboratory
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL or is less than LCL
- O Outside the Range of Dilutions
- U Analysis reported under the reporting limit

Reviewed by:

Jessica Nixon, Project Manager



Inter-Mountain Labs

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

Your Environmental Monitoring Partner

**Sample Analysis Report**

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 6/24/2019  
**Report ID:** S1906359001

**Project:** EXCURSION MONITOR WELLS 615-6/19  
**Lab ID:** S1906359-011  
**Client Sample ID:** SM8-25 (6-19-19)

**Work Order:** S1906359  
**Collection Date:** 6/19/2019  
**Date Received:** 6/21/2019  
**Sampler:** WN  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
Dissolved Metals						
Uranium	0.116	0.0003		mg/L	06/22/2019 0325 MS	EPA 200.8

**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Jessica Nixon, Project Manager

**Sample Analysis Report**

**Company:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported** 8/5/2019  
**Report ID** S1907318001

**ProjectName:** EXCURSION MONITOR WELLS 6/26/19-7/17

**Lab ID:** S1907318-010

**ClientSample ID:** SM8-25 6-26-19

**COC:** WEB

**PWS ID:**

**Comments**

**WorkOrder:** S1907318

**CollectionDate:** 6/26/2019

**DateReceived:** 7/19/2019 11:57:00 AM

**FieldSampler:**

**Matrix:** Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
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**Metals - Dissolved**

Uranium	0.108	mg/L		0.0003	EPA 200.8	07/23/2019 134 MS
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**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Jessica Nixon, Project Manager

**Sample Analysis Report**

**Company:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported** 8/5/2019  
**Report ID** S1907318001

**ProjectName:** EXCURSION MONITOR WELLS 6/26/19-7/17  
**Lab ID:** S1907318-011  
**ClientSample ID:** SM8-25 7-3-19  
**COC:** WEB  
**PWS ID:**

**WorkOrder:** S1907318  
**CollectionDate:** 7/3/2019  
**DateReceived:** 7/19/2019 11:57:00 AM  
**FieldSampler:**  
**Matrix:** Water

**Comments**

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
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**Metals - Dissolved**

Uranium	0.123	mg/L		0.0003	EPA 200.8	07/23/2019 140 MS
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**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

Jessica Nixon, Project Manager



Inter-Mountain Labs

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

Your Environmental Monitoring Partner

## Sample Analysis Report

**Company:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported** 8/5/2019  
**Report ID** S1907318001

**ProjectName:** EXCURSION MONITOR WELLS 6/26/19-7/17  
**Lab ID:** S1907318-012  
**ClientSample ID:** SM8-25 7/10/19  
**COC:** WEB  
**PWS ID:**

**WorkOrder:** S1907318  
**CollectionDate:** 7/10/2019  
**DateReceived:** 7/19/2019 11:57:00 AM  
**FieldSampler:**  
**Matrix:** Water

## Comments

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
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## Metals - Dissolved


Uranium	0.119	mg/L		0.0003	EPA 200.8	07/23/2019 146 MS
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These results apply only to the samples tested.

## RL - Reporting Limit

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:   
Jessica Nixon, Project Manager



Inter-Mountain Labs

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

Your Environmental Monitoring Partner

**Sample Analysis Report**

**Company:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported** 8/5/2019  
**Report ID** S1907318001

**ProjectName:** EXCURSION MONITOR WELLS 6/26/19-7/17  
**Lab ID:** S1907318-013  
**ClientSample ID:** SM8-25 7/17/19  
**COC:** WEB  
**PWS ID:**

**WorkOrder:** S1907318  
**CollectionDate:** 7/17/2019  
**DateReceived:** 7/19/2019 11:57:00 AM  
**FieldSampler:**  
**Matrix:** Water

**Comments**

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
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**Metals - Dissolved**

Uranium	0.103	mg/L		0.0003	EPA 200.8	07/23/2019 153 MS
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**These results apply only to the samples tested.**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

**RL - Reporting Limit**

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:

  
Jessica Nixon, Project Manager

**Sample Analysis Report**

**Company:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported** 8/15/2019  
**Report ID** S1908028001

**ProjectName:** EXCURSION MONITOR WELLS 7/23/19-7/31  
**Lab ID:** S1908028-003  
**ClientSample ID:** SM8-25 7-24-19  
**COC:** WEB  
**PWS ID:**

**WorkOrder:** S1908028  
**CollectionDate:** 7/24/2019  
**DateReceived:** 8/2/2019 11:55:00 AM  
**FieldSampler:**  
**Matrix:** Water

**Comments**

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
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**Metals - Dissolved**

Uranium	0.109	mg/L		0.0003	EPA 200.8	08/02/2019 2119 MS
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**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:   
Jessica Nixon, Project Manager



## Sample Analysis Report

**Company:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported** 8/15/2019  
**Report ID** S1908028001

**ProjectName:** EXCURSION MONITOR WELLS 7/23/19-7/31

**Lab ID:** S1908028-007

**ClientSample ID:** SM8-25 7-31-19

**COC:** WEB

**PWS ID:**

**Comments**

**WorkOrder:** S1908028  
**CollectionDate:** 7/31/2019  
**DateReceived:** 8/2/2019 11:55:00 AM  
**FieldSampler:**  
**Matrix:** Water

Analyses	Result	Units	Qual	RL	Method	Date Analyzed/Init
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**Metals - Dissolved**

Uranium	0.103	mg/L		0.0003	EPA 200.8	08/02/2019 2212 MS
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**These results apply only to the samples tested.****RL - Reporting Limit**

**Qualifiers:** B Analyte detected in the associated Method Blank  
E Value above quantitation range  
H Holding times for preparation or analysis exceeded  
L Analyzed by another laboratory  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
X Matrix Effect

C Calculated Value  
G Analyzed at IML Gillette laboratory  
J Analyte detected below quantitation limits  
M Value exceeds Monthly Ave or MCL or is less than LCL  
O Outside the Range of Dilutions  
U Analysis reported under the reporting limit

Reviewed by:   
Jessica Nixon, Project Manager



## Sample Analysis Report

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 8/28/2019  
**Report ID:** S1908321001

**Project:** EXCURSION MONITOR WELLS 08/06-08/20  
**Lab ID:** S1908321-004  
**Client Sample ID:** SM6-28-8-19

**Work Order:** S1908321  
**Collection Date:** 8/7/2019  
**Date Received:** 8/21/2019 12:05:00 PM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
<b>Dissolved Metals</b>						
Uranium	0.117	0.0003		mg/L	08/24/2019 1246 MS	EPA 200.8

## These results apply only to the samples tested.


**Qualifiers:**

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- L Analyzed by another laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- X Matrix Effect

## RL - Reporting Limit

- C Calculated Value
- G Analyzed at IML Gillette laboratory
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL or is less than LCCL
- O Outside the Range of Dilutions
- U Analysis reported under the reporting limit

Reviewed by:

  
Jessica Nixon, Project Manager



Inter-Mountain Laboratories

Your Environmental Monitoring Partner

1673 Terra Avenue Sheridan, WY 82801

ph: (307) 672-8945

### Sample Analysis Report

**CLIENT:** Cameco Resources, Crow Butte Operation  
PO Box 169  
Crawford, NE 69339

**Date Reported:** 8/28/2019  
**Report ID:** S1908321001

**Project:** EXCURSION MONITOR WELLS 08/06-08/20  
**Lab ID:** S1908321-005  
**Client Sample ID:** SM6-28-8-14-19

**Work Order:** S1908321  
**Collection Date:** 8/14/2019  
**Date Received:** 8/21/2019 12:05:00 PM  
**Sampler:**  
**Matrix:** Water  
**COC:** WEB

Analyses	Result	RL	Qual	Units	Date Analyzed/Init	Method
<b>Dissolved Metals</b>						
Uranium	0.103	0.0003		mg/L	08/24/2019 1252 MS	EPA 200.8

These results apply only to the samples tested.


**Qualifiers:**

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
L	Analyzed by another laboratory
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits
X	Matrix Effect

**RL - Reporting Limit**

C	Calculated Value
G	Analyzed at IML Gillette laboratory
J	Analyte detected below quantitation limits
M	Value exceeds Monthly Ave or MCL or is less than LCL
O	Outside the Range of Dilutions
U	Analysis reported under the reporting limit

Reviewed by:

  
Jessica Nixon, Project Manager