

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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

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

July 6, 2012

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Michael Linder, Director
Nebraska Department of Environmental Quality
P.O. Box 98922
Lincoln, NE 68509-8922

**Subject: Class III UIC Permit NE0122611
June 2012 Monthly Restoration Report**

Dear Mr. Linder:

Please find enclosed the June 2012 Monthly Restoration Reports for Mine Units 2, 3, 4, 5 and 6. The reverse osmosis (RO) units continue to inject permeate and reductant into Mine Units 2, 3, 4, and 5. IX treatment continued in Mine Unit 6.

Split samples between the NDEQ and CBO were collected from the baseline restoration wells in Mine Units 2 and 3. The samples were submitted to two different third party laboratories for analyses of the baseline restoration parameters.

If you have any questions regarding this submittal, please feel free to contact me at (308) 665-2215, ext. 114.

Sincerely,
Cameco Resources
Crow Butte Operation

Larry Teahon
SHEQ Manager

Enclosures: As Stated

cc: Lindsey Phillips, NDEQ Chadron Office
Ron Burrows, NRC
CBO File
ec: CR - Cheyenne

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2012
 MINE UNIT 2

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant CM2-4, PR15, P97, P113, I180P, I188P, and P209.
d. Wellfield Recirculation		X	
e. Other (explain):		X	

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

P97, P113, I180P, I188P, and P209.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2012
 MINE UNIT 3

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant CM1-11, IJ13P, I298P, RES1E, and RES3E.
d. Wellfield Recirculation		X	
e. Other (explain):		X	

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

CM1-11, I298P, and RES3E.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2012
 MINE UNIT 4

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant P371, P372, P383, P430, P434, and P437.
d. Wellfield Recirculation		X	
e. Other (explain):			

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

CM2-4, P371, P430, P434, and P437.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2012
 MINE UNIT 5

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant BL-5, I676P, P707, P709, P773, P790, P800, and I854P.
d. Wellfield Recirculation		X	
e. Other (explain):		X	

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

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3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

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4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

I676P, P707, P709, P773, P790, P800, and I854P.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2012
 MINE UNIT 6

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment	X		IX P1268, P1283, P1312, P1314, P1370, P1497, P1531, P1588, P1596, P1612, P1633, P1658, P1703, P1704, P1710, P1715, P1733, P1751, P1756, P1778, P1800, P1857, and P1862.
d. Wellfield Recirculation		X	
e. Other (explain):		X	

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

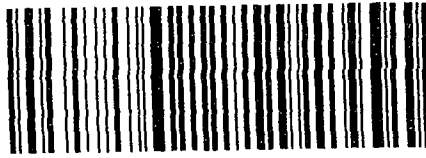
4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

P1268, P1283, P1312, P1314, P1370, P1497, P1531, P1588, P1596, P1612, P1633, P1658,
 P1703, P1704, P1710, P1715, P1733, P1751, P1756, P1778, P1800, P1857, and P1862.

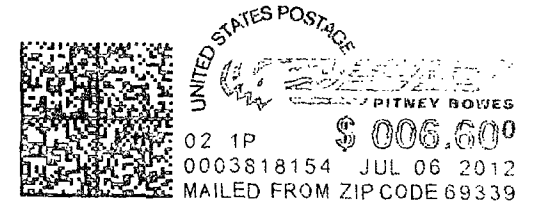
NRC FORM 253 (9-96)		U.S. NUCLEAR REGULATORY COMMISSION		DATE OF REQUEST	CONTROL NUMBER
MESSENGER/COURIER RECEIPT				7-13-12	
TO:		OFFICE	BUILDING	ROOM NUMBER	
Mr. Ron Burrows		FSME	TWFN	8F5	
FROM:		OFFICE	BUILDING	ROOM NUMBER	
Cameco Resources		ADM	OWFN	PI-C10	
DESCRIPTION USPS Certified envelope 7010-0780-00001422-1250		MESSENGER/COURIER SIGNATURE			
		MESSENGER/COURIER		DATE RECEIVED	
		MEC		7-13	
				TIME RECEIVED	
				1:45 PM	
		MESSENGER/COURIER		DATE RECEIVED	
				TIME RECEIVED	
		RECIPIENT'S SIGNATURE			
		RECIPIENT		DATE RECEIVED	
				7/16/12	
				TIME RECEIVED	
				8:45 AM	
SENDER:		MESSENGER/COURIER:		RECIPIENT:	
<ol style="list-style-type: none"> 1. Complete "DATE OF REQUEST," "TO:," "FROM:," and unclassified "DESCRIPTION" blocks. 2. Obtain MESSENGER/COURIER signature, date received, and time received in first blocks provided. 3. Retain "SENDER'S SUSPENSE COPY." 		<ol style="list-style-type: none"> 1. Deliver package to recipient or next messenger/courier enroute to addressee. 2. Obtain MESSENGER/COURIER or RECIPIENT signature, date received, and time received in the appropriate blocks provided. 		<ol style="list-style-type: none"> 1. Provide signature, date received, and time received in the appropriate blocks. 2. Retain RECIPIENT'S COPY. 3. Return original to messenger/courier immediately, who will return it to the sender. 	

NRC FORM 253 (9-96)

RECIPIENT'S COPY



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