

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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

(308) 665-2215
(308) 665-2341 – FAX

October 8, 2008

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

Subject: Class III UIC Permit NE0122611
September 2008 Monthly Restoration Report

Dear Mr. Linder:

Please find enclosed the September 2008 Monthly Restoration Reports for Mine Units 2, 3, 4, and 5. The reverse osmosis (RO) restoration circuit continues to be shut down while changes are being made. Restoration in Mine Unit 2 is shut down pending the start-up of the RO circuit. Mine Unit 3 is in recirculation to maintain a hydrologic bleed while the RO circuit is shut down and Mine Units 4 and 5 are in groundwater sweep. 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

A handwritten signature in cursive script that reads "Larry Teahon".

Larry Teahon
Mgr. Health, Safety and Environmental Affairs

Enclosures: As Stated

cc: Mr. Dave Carlson
NDEQ Chadron Office

Mr. Steve Collings
CBO, Denver, Colorado

Mr. Stephen Cohen
NRC, Washington, DC

CBO File

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2008
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	Turned off on August 9, 2007
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:

No samples were collected during the month.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 SEPTEMBER 2008
 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	
d. Wellfield Recirculation (Used to maintain wellfield bleed)	X		P247, I287, and I311.
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:

No samples were collected during the month.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 SEPTEMBER 2008
 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	
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:

P373, P376, P395, P396, P398, I509, I534, I545, I555P, I595, I601, and I602.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

P376, P395, and I555P.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2008
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	
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:

BL5-4, BL5-5, P367, P395, P396, P690, P691, P767, P796, P837, P1002, P1138, P1139, P1144, P1149, P1156, P1181, P1193, P1207, I509, I534, I545, I555P, I595, I601, I602, I678, I726, I775, I776, I815, I834, I1124, I1126, I1145, I1147, I1150, I1158, I1164, I1168, I1173, I1220, I1226, I1146, I1202P, P814I, P816I, and I1895.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL5-4, BL5-5, P691, P767, P796, P1002, P1138, P1144, P1149, P1156, P1181, P1193, P1207, and I1202P.

