

**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 15, 2009

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

Subject: Class III UIC Permit NE0122611
June 2009 Monthly Restoration Report

Dear Mr. Linder:

Please find enclosed the June 2009 Monthly Restoration Reports for Mine Units 2, 3, 4, and 5. The reverse osmosis (RO) units continue to inject permeate into Mine Unit 2. Mine Unit's 3, 4, and 5 are in ion exchange.

The bioremediation study continues in Mine Unit 4. The injection of EOS into the formation was completed on April 8, 2009. The wells in the study area are shut down and will be sampled periodically to determine the effects of the EOS on the formation.

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". The signature is written in black ink and is positioned below the typed name.

Larry Teahon
Mgr. Health, Safety and Environmental Affairs

Enclosures: As Stated

cc: Mr. Dave Carlson, NDEQ Chadron Office

Mr. Steve Collings, Denver Office

Mr. Ron Burrows, NRC

CBO File

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2009
 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 P83, P84, P88, P91, P92, P97, P98, P105, P110, P112, P118, P119, P121, and I195P. |
| 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:

P83, P84, P88, P91, P92, P97, P98, P105, P110, P112, P118, P119, P121, and I195P.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2009
 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 | | IX P239, P251, P252, P255, and P262 |
| 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:

P239, P251, P252, P255, and P262.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 2009
 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 | | IX P405, P418, and I555P |
| d. Wellfield Recirculation | | X | |
| e. Other (explain): Bioremediation test started on 12/17/08. | X | | P380, P386, P421, P422, P423, and P424 |

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:

P405 and I555P.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
JUNE 2009
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 | | IX P690, P691, P767, P796, P837, P962, P1135, P1138, P1139, P1144, P1155, P1156, P1181, P1193, and I1202P. |
| 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:

P690, P691, P767, P796, P837, P1138, P1139, P1144, P1156, P1181, P1193, and I1202P

