



CAMECO RESOURCES

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May 8, 2013

CERTIFIED MAIL # 7012 1640 0000 2326 9852

Mr. Robin Jones, District 1 Supervisor
Wyoming Department of Environmental Quality
Land Quality Division
Herschler Building, 3rd FL-West
122 West 25th Street
Cheyenne, WY 82002

Delayed Sampling Event, 15 Day Written Notification, Mine Unit 3, Permit 633, Cameco Resources

Dear Mr. Jones:

Power Resources, Inc. d/b/a Cameco Resources (Cameco) is herein providing a written notification to Wyoming Department of Environmental Quality (WDEQ)-Land Quality Division (LQD) regarding a delayed sampling event in Wellfield 3. Pursuant to Permit 633 Operations Plan, Section 5.2.2, Cameco verbally notified the LQD and the NRC on April 23, 2013 that perimeter monitor well M-320 could not be sampled at the scheduled two week interval. Stated in Section 5.2.2, a written notification is to be provided within 15 days of the verbal notification.


Well M-320 could not be safely accessed to conduct excursion monitoring sampling during the week of April 15 through 19, 2013. An extreme winter weather event prevented safe access to this well as it is on the other side of a very deep draw. The well was accessed and sampled on April 24, 2013 and sampled again on April 30, 2013 on its normal scheduled sample event. These two samples are less than 10 days apart. Cameco feels that delayed sampling is preferred to a missed sampling event. All other monitor wells for Mine Unit 3 were accessed and sampled as scheduled during the winter weather event.

Attached is the Monitor Well Report for M-320 showing all monitoring results in 2013. Analysis of the data for this well shows stable water quality conditions and no potential trend leading to an excursion.

TSME20

Please contact me at 307-358-6541, ext. 476 or at Kenneth_Garoutte@cameco.com if you have any questions.

Respectfully,



Ken Garoutte
Safety, Health, Environment, Quality (SHEQ) Manager

KG/kg

Attachments: Well M-320 Sampling Results

cc: File SR 4.3.3.1
Special Volume: Missed Sampling Trend Analysis
Doug Mandeville, NRC Certified Mail # 7012 1640 0000 2326 9890
Document Control Desk, NRC Certified Mail # 7012 1640 0000 2326 9906

ec: Cameco-Cheyenne



Cameco Resources
Smith Ranch - Highland Operation
Monitor Well Report

Well ID: M-320

NRC/WDEQ UCL	Chloride (mg/L)	Alkalinity (mg/L CaCO₃)	Conductivity (μMhos/cm)	U₃O₈ (mg/L)	Water Elevation	Comment
	18	222	1131			
04/30/2013	3	174	855		5216.9	<div>2 samples were taken in the month of April, however, due to weather conditions the samples were less than the required 10 days apart. Reported as a delayed sampling event.</div>
04/24/2013	3	173	845		5220.9	
03/25/2013	3	170	858		5223.5	
03/12/2013	3	172	831		5222.1	
02/22/2013	3	172	811		5222.1	
02/08/2013	2	168	846		5223.8	
01/28/2013	3	168	822		5225.8	
01/10/2013	3	172	838		5223.1	

05/07/2013