



40-8964

April 11, 2016

CERTIFIED MAIL # 7015 1520 0000 2613 0955

Mr. Robin Jones, District 1 Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
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CAMECO RESOURCES

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Delayed Sampling of all Monitor Wells in Mine Unit J and Monitor Well M-327 in Mine Unit 3, Cameco Resources, Smith Ranch-Highland Uranium Project, Permit 633

Dear Mr. Jones:

Power Resources, Inc. d/b/a/ Cameco Resources (Cameco) is writing this letter to notify the Wyoming Department of Environmental Quality (WDEQ) – Land Quality Division (LQD) of delayed compliance sampling at all the Monitor Wells in Mine Unit J (42 wells) and Monitor Well M-327 in Mine Unit 3.

Permit 633, Operations Plan, Section 8.2 states *“The M, MO or MS and MU or MD wells are sampled twice each month at approximately two week intervals, but not less than 10 days apart, and are analyzed for the UCL parameters. In the event of unforeseen conditions (e.g. safety concerns, equipment malfunction, electrical problems, wells lacking sufficient water, adverse weather conditions, unsafe ground conditions or inaccessibility, aggressive wildlife or wildlife concerns, etc.) and a well(s) is missed in a given sampling round, the information not collected will be considered missed data. Trends of specific data points are indicators of the status of a wellfield. If a sample cannot be taken from a well, the data collected in at least the two previous sampling rounds from that well will be used in conjunction with the remaining well field data to determine the status of the wellfield.”*

Due to adverse weather conditions and inaccessibility of the wells, collection of a second sample in March was problematic for all monitor wells in Mine Unit J and Monitor Well M-327 in Mine Unit 3. It is Cameco's practice that when possible, samples be delayed and not missed completely. Because of the weather the delay of sample collection led into April. All monitor wells in Mine Unit J and Monitor Well M-327 in Mine Unit 3 will have three (3) samples collected during the month of April, with at least 10 days between each sampling events.

The table below references the first sample date in the month of March for each well and the dates of which the delayed samples were collected, in April.

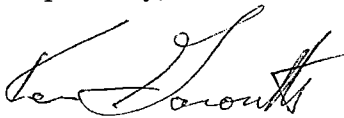
Delayed Sampling of Mine Unit J Monitor Wells and Monitor Well M-327

Mine Unit J Monitor Wells	Date of 1st Sample for March	Delayed Sample Date
JM-001	3/15/2016	4/4/2016
JM-002	3/15/2016	4/4/2016
JM-003	3/15/2016	4/4/2016
JM-004	3/15/2016	4/4/2016
JM-005	3/15/2016	4/4/2016
JM-006	3/15/2016	4/4/2016
JM-007	3/17/2016	4/4/2016
JM-008	3/15/2016	4/4/2016
JM-009	3/15/2016	4/4/2016
JM-010	3/15/2016	4/4/2016
JM-011	3/15/2016	4/4/2016
JM-012	3/15/2016	4/4/2016
JM-013	3/15/2016	4/4/2016
JM-014	3/15/2016	4/4/2016
JM-015	3/16/2016	4/4/2016
JM-016	3/16/2016	4/4/2016
JM-017	3/16/2016	4/4/2016
JM-018	3/16/2016	4/4/2016
JM-019	3/16/2016	4/4/2016
JM-020	3/16/2016	4/4/2016
JM-021	3/16/2016	4/4/2016
JM-023	3/16/2016	4/4/2016
JM-026	3/16/2016	4/4/2016
JM-027	3/16/2016	4/5/2016
JM-028	3/16/2016	4/4/2016
JM-029	3/16/2016	4/4/2016
JM-030	3/16/2016	4/5/2016
JM-031	3/15/2016	4/4/2016
JMO-001A	3/15/2016	4/4/2016
JMO-002	3/16/2016	4/4/2016
JMO-003	3/16/2016	4/4/2016
JMO-004	3/15/2016	4/6/2016
JMO-008	3/15/2016	4/6/2016
JMO-009	3/15/2016	4/6/2016
JMO-010	3/16/2016	4/4/2016
JMO-011	3/16/2016	4/4/2016
JMO-012	3/16/2016	4/4/2016
JMO-013	3/15/2016	4/6/2016
JMO-014	3/15/2016	4/4/2016
JMO-015	3/15/2016	4/6/2016
JMT-001	3/16/2016	4/4/2016
JMT-002	3/16/2016	4/4/2016
Mine Unit 3 Monitor Wells	Date of 1st Sample for March	Delayed Sample Date
M-327	3/10/2016	4/1/2016

Because sample collection at these wells was delayed and not missed, Cameco is not providing trend analysis within this notification. Cameco has a team that meets twice per month to look at monitor well analytical results and assess any potential trends toward excursion status. None of the wells listed above show a potential threat of excursion. Verbal notification of the delayed sample event was made to you on April 1, 2016, via voicemail, followed by an email. Confirmation of your receipt of the voicemail and email was received by Cameco on April 4, 2016.

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

Respectfully,



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

KG/vg

cc: File SR 4.3.3.1
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ec: Cameco-Casper