



February 5, 2018

CERTIFIED MAIL # 7015 3010 0002 0309 8735

40-8964

Mr. Robin Jones, District 1 Supervisor
Wyoming Department of Environmental Quality
Land Quality Division
200 West 17th Street
Cheyenne, Wyoming 82002

CAMECO RESOURCES

Smith Ranch-Highland
Operation

Mail:

P.O. Box 1210
Glenrock, WY
82637 USA

Tel: (307) 358-6541
Fax: (307) 358-4533
www.cameco.com

**Missed Sample at Monitor Wells JMT-001 and JMT-002 in Mine Unit J, Permit No 633,
Smith Ranch – Highland Uranium Projects, Cameco Resources**

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 a missed sampling event at Monitor Wells JMT-001 and JMT-002 in Mine Unit J.

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."*

Monitor Wells JMT-001 and JMT-002 are located inside the ring well boundary and are monitoring the production zone. Because these well are not labeled with traditional nomenclature (M, MO or MS and MU or MD) and are referred to as trend wells there was a miscommunication on the regulatory requirement for sampling. These well are considered monitor wells and are required to be sampled twice monthly with at least 10 days between sampling events. Both wells were sampled on January 12, 2018 and were scheduled to be sampled again on January 31, 2018, however, due to the misunderstanding they were not sampled. The error was recognized and samples from both wells were obtained on February 1, 2018. Because samples were obtainable, therefore delayed and not technically missed, historical data has not been provided, but was reviewed and neither well shows reason for concern.

Energizing the World

NMSS01
NMSS

It should be noted that in the Quarterly Excursion Monitoring Report for 1st Quarter 2018, there will be one (1) sample collected in January and three (3) samples in February. The regulatory requirement for sampling these wells has been clarified and going forward sampling will continue on the routine schedule of twice monthly with at least 10 days between sampling events.

Please call Vickie Gitthens at (307) 358-6541 ext. 462 or email at Victoria_Gitthens@cameco.com if you have questions.

Respectfully,



Larry Reimann
Manager, Compliance and Licensing

LR/vg

cc: File SR 4.3.3.1
Mr. Doug Mandeville, NRC - CERTIFIED MAIL # 7015 1520 0000 2613 3802
Document Control Desk, NRC - CERTIFIED MAIL # 7015 1520 0000 2613 3819

ec: Cameco Distribution