



September 15, 2011

Ms. Pam Rothwell  
District I Assistant Supervisor  
Wyoming Department of Environmental Quality  
Land Quality Division  
Herschler Building, 3 Floor-West  
Cheyenne, WY 82002

**CAMECO RESOURCES**  
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CERTIFIED MAIL # 7011 0470 0000 7716 0096 RETURN RECEIPT REQUESTED

RE: Additional Information, Mine Unit K-North Wellfield Release, Cameco Resources,  
Permit 633

Dear Ms. Rothwell:

Power Resources Inc. d/b/a Cameco Resources (Cameco) is herein providing added information regarding the disposition of pump test water generated from the K-North wellfield pump test conducted in March and April of 2011 after the modular tank failure and release of pump test water on March 10, 2011. Wyoming Department of Environmental Quality (WDEQ) - Land Quality Division (LQD) presented a summary of commitments and deadlines on August 17, 2011 that included a commitment from Cameco to provide additional information on the pump test by September 15, 2011.

Below is a summary of information Cameco committed to provide.

- The modular tank failure on March 10, 2011 and release of pump test water did not have an effect to any well installation or well application in the area impacted. The pump testing associated with pump well KPW-02 was discontinued immediately after the release occurred. This incident delayed the pump test until five 400 bbl Frac tanks could be obtained and placed adjacent to the release area. The pump test was restarted on March 15, 2011.
- The volume of water the Frac tanks collected from three pump tests are as follows:
  - Pump Test #1: March 15 through March 17, 2011; 35.1 gpm over 51 hours = 107,406 gallons of pump test water.
  - Pump Test #2: March 29 through March 31, 2011; 22.6 gpm over 48 hours = 65,088 gallons of pump test water.

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- Pump Test #3: April 6 through April 8, 2011; 25 gpm over 48 hours = 72,000 gallons of pump test water.
- Pump test water collected in the Frac tanks was consumed solely as drilling water for the well installation activities ongoing in K-North. Water was consumed both during and between the pump tests. The balance of the water was consumed by drilling activities after pump test #3 was completed.

Please contact Ken Garoutte at 307-358-6541, ext. 476 or [Kenneth\\_Garoutte@cameco.com](mailto:Kenneth_Garoutte@cameco.com) if you have any questions.

Respectfully,



Brent Berg  
General Manager

BB/kg

Cc: File HUP 4.3.3.1      File SR 4.3.3.1  
Doug Mandeville, NRC (2 copies)      Certified Mail # 7011 0470 0000 7716 0102  
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Ec: Cameco-Cheyenne