



August 2, 2013

**CERTIFIED MAIL # 7012 3460 0000 8585 0159**

Barb Sahl, WYPDES Storm Water Program Coordinator  
Water Quality Division  
Wyoming Department of Environmental Quality  
Herschler Building, 4 FL-West  
122 West 25<sup>th</sup> Street  
Cheyenne, WY 82002

**CAMECO RESOURCES**  
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**Written Submission of Storm Event, Temporary Noncompliance to SWPPP  
Cameco Resources, Smith Ranch-Highland Uranium Operations  
WPDES Large Construction Permit WYR 104157**

Dear Ms. Sahl:

Power Resources, Inc d/b/a Cameco Resources (Cameco) is herein providing a written submission to the Wyoming Department of Environmental Quality – Water Quality Division, WPDES storm water program coordinator of a storm event causing temporary noncompliance to the Large Construction General Permit for Storm Water Discharges (LGCP).

Pursuant to the LGCP, part 10.18.2.2, Cameco reported the upset condition to your office on July 26, 2013 after becoming aware of the noncompliance conditions from the July 24, 2013 storm event. As per discussion, a written submission is required after five business days and is outlined below:

- **Description and Cause of the Event:** An extreme rain event occurred on Wednesday, July 24, 2013 between the hours of 4 pm and 6 pm when 1.47” of rain happened in less than 1 hour. The storm runoff exceeded the design of control structures in localized areas across the Smith Ranch-Highland uranium insitu mining operations for erosion and sedimentation control. Sedimentation accumulated in three ephemeral streams near Satellite SR-2 and one ephemeral stream near the central processing plant.
- **Correction of Noncompliance:** Cameco has begun maintenance repairs on control structures across the mining operation (54 square miles) such as wattles, ditch checks, and wing ditches. Cameco is assessing safe access to ephemeral stream beds to remove sedimentation at key areas of drainage control and culverts. Sedimentation in some

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stream bed areas will be allowed to remain as long as storm water is not redirected into new areas. Cameco anticipates the noncompliance conditions will be corrected in total by the end of August, 2013.

- Preventing Recurrence: This kind of storm event is quite unexpected for this part of Wyoming and the Powder River Basin. Cameco is assessing the performance of various structures in this event which will help improve the application of sedimentation/erosion control in the future.

Please contact me at (307) 358-6541 Ext. 476 or email to: [Kenneth\\_Garoutte@cameco.com](mailto:Kenneth_Garoutte@cameco.com) if you have any questions.

Respectfully,



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

KG/kg

Cc: File HUP 4.4.1 File SR 4.4.1  
Robin Jones, WDEQ-LQD District 1, CERTIFIED MAIL # 7012 3460 0000 8585 0128  
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EC: Cameco – Cheyenne