



CAMECO RESOURCES
Smith Ranch-Highland
Operation
Mail:
P.O. Box 1210
Glenrock, WY
82637 USA

September 10, 2009

Mr. Lowell Spackman, District I Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
122 W. 25th Street
Cheyenne, WY 82002

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

RE: Highland Uranium Project, Permit to Mine No. 603, Update on Excursion at
Monitor Well IM-8

Dear Mr. Spackman:

On August 28, 2009 Power Resources, Inc. d/b/a/ Cameco Resources (CR) provided an update on the excursion status of Monitor Well IM-8. As reported in August, weekly sampling has been maintained. A Guideline 8 sample was collected and submitted to Energy Laboratories for analysis. Weekly sampling results indicate that the well was off excursion 9/1/09 when UCLs trended below the parameter values. The table below illustrates those results.

Sample Date	Chloride (mg/L)	Alkalinity (mg/L CaCO ₃)	Conductivity (µMhos/cm)
	UCL 17	UCL 211	UCL 928
9/8/2009	18	206	758
9/1/2009	20	211	795

If you have questions, please contact me at (307) 358-6541, Ext. 429.

Sincerely,

Wayne Anderson
Manager, Environment, Health and Safety

cc: T. Cannon S. Bakken B. Johnson File HUP 4.6.4.1
T. Hewitt M. Bryson D. Mandeville, USNRC (2 copies)