Cameco

CAMECO RESOURCES
Smith Ranch-Highland Operation
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November 24, 2008

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

RE: Highland Uranium Project
Permit to Mine No. 603
Excursion at Monitor Well CM-15

Dear Mr. Spackman:

In accordance with License Condition No. 11.5 and Section 8.4 of the approved Operations Plan for the Highland Uranium Project, Cameco Resources (CR) is providing written notification that Monitor Well CM-15 appeared to be on excursion status November 18, 2008. Consistent with Section 8.4 of the Operations Plan, Ms. Pam Rothwell of your staff and Mr. Doug Mandeville of the USNRC were notified of this potential excursion by telephone on November 20, 2008.

Well CM-15 was sampled on November 18, 2008, with results received November 19, 2008, indicating excursion parameters were exceeded. As per license condition, the well was re-sampled within 24 hours to confirm the potential excursion. The confirmation results were received November 20, 2008.

Sample Date	Chloride (mg/L)	Alkalinity (mg/L $CaCO_3$)	Conductivity (µMhos/cm)
	UCL 18	**UCL 202**	**UCL 852**
11/18/08	21	219	766
11/19/08	21	225	852

As stipulated in License Condition 11.5 of Materials License SUA 1548 and Section 8.4 of the Operations Plan, sampling frequency for UCL parameters and Uranium will become weekly until the excursion is controlled and verified by sampling results.

Monitor Well CM-15 is located in Mine Unit-C, which is currently in restoration. CR is in the process of analyzing historical data on this well and evaluating methods to control the excursion and return the water quality to within normal parameters.

Well CM-15 is depicted on the attached map. This information will also be added to CR's site status map and included in the annual report.

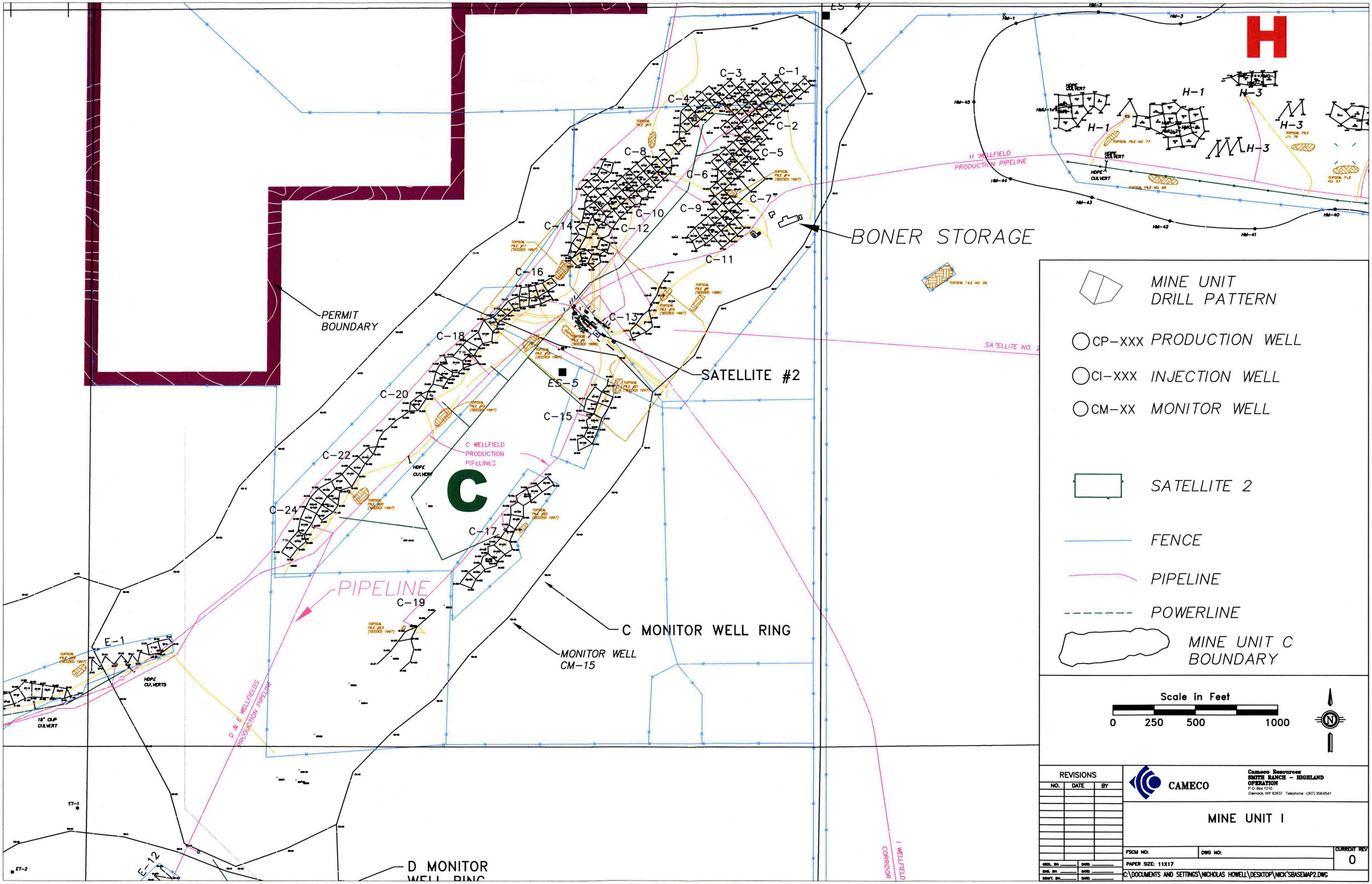
If you have any questions, please call me at your earliest convenience at (307) 358-6541, Ext. 62

Sincerely,

Krista Wenzel
Manager-Environment,
Health and Safety Department

Atta: Map

cc: Tom Cannon
Scott Bakken
D. Mandeville, USNRC
File HUP-4.6.4.1



REVISIONS		
NO.	DATE	BY

CAMECO

Cameco Resources
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MINE UNIT I

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