



December 4, 2014

CERTIFIED MAIL # 7013 1090 0001 7751 3047

Mr. Mark Rogaczewski, District 3 Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
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Sheridan, WY 82801

CAMECO RESOURCES
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November 2014 Excursion Report Summary, Cameco Resources, Smith Ranch-Highland Uranium Project, Permit 633

Dear Mr. Rogaczewski:

Power Resources, Inc. d/b/a/ Cameco Resources (Cameco) is submitting the November monthly Excursion Report Summary for the Smith Ranch-Highland Uranium Project. The Cameco Excursion Report table is attached. Monitor Well DM-003A remained on excursion with no new excursion reported during the report period, November 2014.

Monitor Wells DM-003A sample results show a decrease from the previous report period, remaining stable through the current report period. This well appears to be effected by the underground workings and the associated treatment currently taking place to restore the underground workings.

Wyoming Department of Environmental Quality – Land Quality Division (LQD) requested that Cameco provide historical excursion information on Monitor Well DM-003 and DM-003A as the replacement well. This will be provided to LQD under a separate cover letter during the next report period.

Please contact me at 307-358-6541, ext. 476 or Kenneth_Garoutte@cameco.com if you have questions.

Respectfully,

A handwritten signature in black ink, appearing to read 'Ken Garoutte', written in a cursive style.

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

KG/vg

Attachments: Camcco Resources Excursion Report Table
Monitor Well Reports for DM-003A

cc: File SR 4.3.3.1
Special Volume: Monthly Excursion Reports Summary Updates Permit 633
Mr. Doug Mandeville, NRC - CERTIFIED MAIL # 7013 1090 0001 7751 3054
Document Control Desk, NRC - CERTIFIED MAIL # 7013 1090 0001 7751 3061

cc: Camcco-Cheyenne

xc: Cheyenne IQID Files

**Cameco Resources Excursion Report
Permit Nos. 603 & 633
(November 2014)**

Well Identification	Initial Sample Date	Confirmation Sample Date	Excursion Status (on/off)	Parameters Exceeded	Verbal Notification Date	Written Notification Date	Excursion Resolution Date	LQD Concurrence Notification Date
DM-003A (Replacement well for DM-003)	8/26/2014	N/A	ON	Chloride Alkalinity				



Cameco Resources
Smith Ranch - Highland Operation
Monitor Well Report

Well ID: DM-003A

	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (µMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Elevation</i>	<i>Comment</i>
NRC/WDEQ UCL	18	188	962			
11/25/2014	51	331	1178	0	833.9	
11/18/2014	51	330	1166	0	834.2	
11/11/2014	51	327	1253	0	834.1	
11/04/2014	52	315	1180	0	848.3	
10/28/2014	55	336	1144	0	842.0	
10/21/2014	55	330	1166	0	829.6	
10/14/2014	53	321	1165	0	817.0	
10/07/2014	52	315	1120	0	816.4	
09/30/2014	46	306	1105	0	816.2	
09/23/2014	48	321	1149	0	817.8	
09/16/2014	49	322	1224	0	814.8	
09/09/2014	49	313	1143	0	813.6	
09/02/2014	50	321	1210	0	817.6	
08/26/2014	50	314	1107	0	808.9	
08/19/2014	47	308	1174	0	808.0	
08/12/2014	45	309	1083	0	807.0	
08/05/2014	45	321	1120	0	809.2	
07/29/2014	46	314	1094	0	811.4	
07/22/2014	44	299	1117	0	810.7	
07/15/2014	41	307	1136	0	809.8	
07/08/2014	40	293	1092	0	809.6	
07/01/2014	40	295	1108	0	807.2	
06/24/2014	38	294	1112	0	809.5	

12/03/2014



Cameco Resources
Smith Ranch - Highland Operation
Monitor Well Report

Well ID: DM-003A

<i>NRC/WDEQ UCL</i>	<i>Chloride (mg/L)</i>	<i>Alkalinity (mg/L CaCO₃)</i>	<i>Conductivity (μMhos/cm)</i>	<i>U₃O₈ (mg/L)</i>	<i>Water Elevation</i>	<i>Comment</i>
	18	188	962			
06/17/2014	34	266	1012	0	809.7	
06/03/2014	32	264	954	0	813.5	
05/27/2014	39	328	1077	0	816.6	
05/20/2014	33	273	1039	0	816.1	
05/13/2014	32	272	1003	0	814.6	
04/29/2014	30	252	883	0	812.7	
04/22/2014	26	211	871	0	813.0	
04/15/2014	29	228	906	0	811.6	
04/07/2014	27	121	764		811.4	
04/01/2014	34	210	902	0	802.0	
03/25/2014	34	144	828	0	829.6	