



**CAMECO RESOURCES**  
*Smith Ranch-Highland  
Operation*  
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July 12, 2010

Mr. Lowell Spackman, District 1 Supervisor  
Land Quality Division  
Wyoming Department of Environmental Quality  
Herschler Building  
122 West 25<sup>th</sup> Street  
Cheyenne, WY 82002

RE: Permit to Mine No. 633, Release of Solutions Report

Dear Mr. Spackman:

In accordance with WDEQ regulation and NRC License SUA 1548, Power Resources, Inc. d/b/a Cameco Resources (CR) did verbally notify Ms. Pam Rothwell of Wyoming Department of Environmental Quality, Land Quality Division (WDEQ/LQD), Mr. Doug Mandeville, Nuclear Regulatory Commission (NRC), and online documentation to Joe Hunter, WDEQ, Water Quality Division (WDEQ/WQD), that on July 8, 2010 Smith Ranch-Highland Uranium Project in Converse County, Wyoming had a release of restoration recovery fluid. Approximately 1,190 gallons were released from a main pipeline located in Mine Unit 1. A 16-inch main pipeline separated along a fused joint releasing fluid into a culvert and into a drainage north of the main facility road. The well is located in the NE NW of Section 36, T.36N, R.74W, Converse County, Wyoming. A field map is attached. The release will also be updated into the site base map for inclusion in the Annual Report as required by the Settlement Agreement for Notice of Violation Docket No. 4122-07.

A solution sample was collected and resulting analysis indicated 2.4 ppm  $U_3O_8$ . The fluid is not considered hazardous material under RCRA and is not reportable under SARA. A gamma survey of the release area will be conducted using a MicroR meter and soil samples (0-6 inches) will be collected for analysis.

CR's Spill Committee will also meet to address this release and make recommendations to mitigate re-occurrence.

Please contact me at (307) 358-6541 ext. 474 if you have questions.

Sincerely,

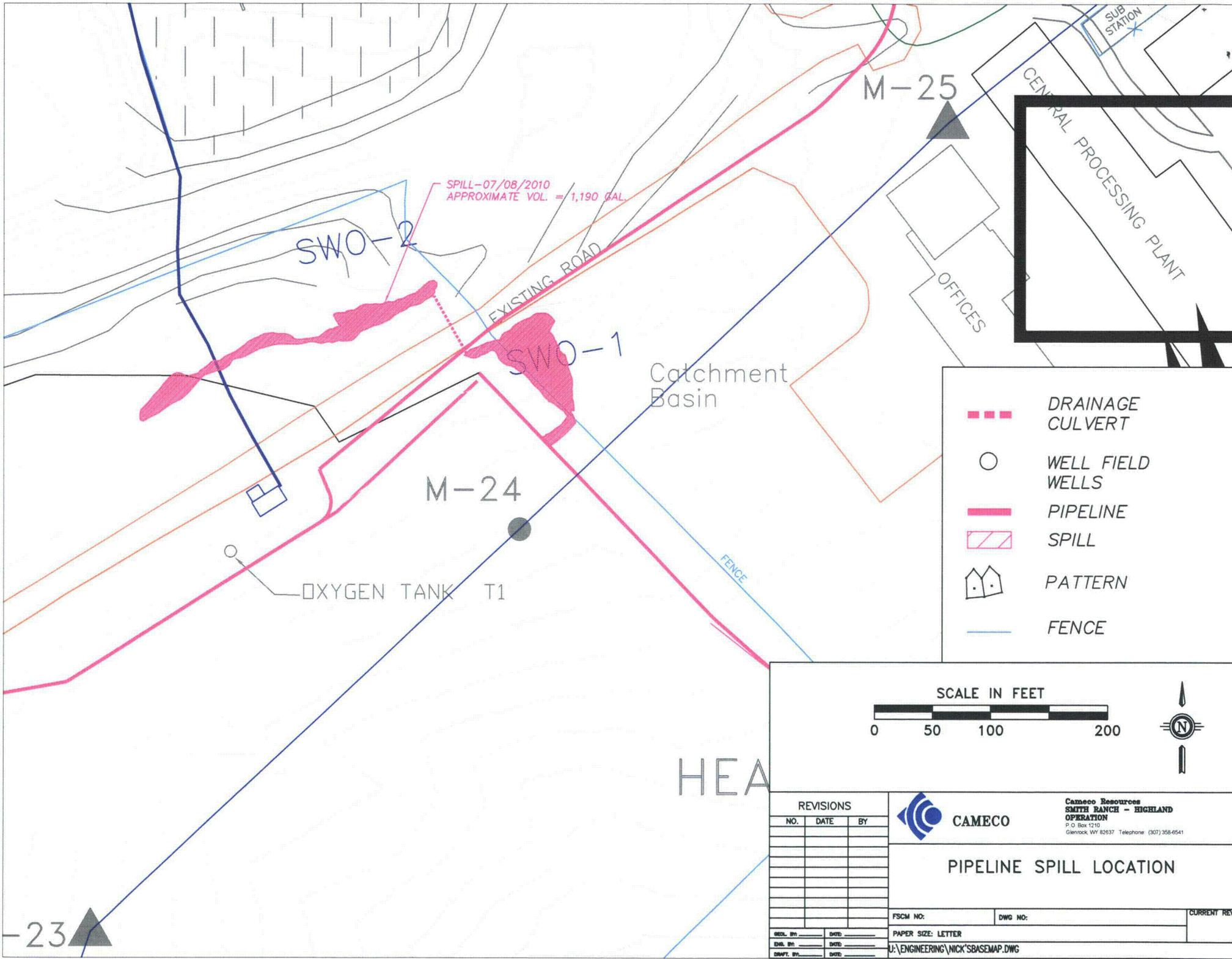


Angelo Kallas  
Safety, Health, Environment, and Quality (SHEQ) Manager

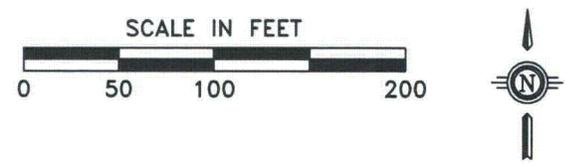
AK/dk

Attachment: Map

cc: J. Brister T. Cannon  
Mr. Doug Mandeville – NRC Project Manager (2-copies)  
Mr. Joe Hunter – Water Quality Division  
File SR 4.3.3.1 File SR 4.6.4.4 File SR 4.6.4.1



	DRAINAGE CULVERT
	WELL FIELD WELLS
	PIPELINE
	SPILL
	PATTERN
	FENCE



<b>REVISIONS</b> NO. DATE BY				<b>Cameco Resources</b> <b>SMITH RANCH - HIGHLAND OPERATION</b> <small>P.O. Box 1310          Glenrock, WV 26037 Telephone (307) 358-6541</small>
[Empty revision table]				
<b>PIPELINE SPILL LOCATION</b>			FSCM NO: _____ DWG NO: _____ CURRENT REV: _____	
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