



CAMECO RESOURCES  
Smith Ranch-Highland  
Operation  
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June 15, 2009

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:

As reported to Ms. Pam Rothwell of Wyoming Department of Environmental Quality, Land Quality Division (WDEQ/LQD), Mr. Doug Mandeville, Nuclear Regulatory Commission (NRC), and Mr. Joe Hunter, WDEQ, Water Quality Division (WDEQ/WQD), on June 11, 2009, Power Resources, Inc. d/b/a Cameco Resources (CR) had a release of injection solutions at the Smith Ranch-Highland Uranium Project in Converse County, Wyoming. Approximately 190 gallons were released from Well No. 9I-142 in Mine Unit 9 and entered a draw. A solution sample was collected upon discovery of the release and analysis showed 0.7 ppm  $U_3O_8$ . Soil samples will be collected and a gamma survey of the release area will be conducted using a MicroR meter. The well is located in the NE NW of Section 10, T.74N., R.35W, Converse County, Wyoming. A field map is attached.

The leak was detected at approximately 12:30 pm on June 10, 2009 by a wellfield operator. A 1-inch diameter line was accidentally damaged, causing the leak. The damage may have been from digging that occurred in a nearby drill pit. An Apparent Cause Investigation is scheduled to determine the cause and make recommendations for corrective actions. Saturated ground conditions from recent storms made it difficult to determine the extent of the release, but it is assumed to have entered a normally dry draw within the wellfield. The fluid is not considered hazardous material under RCRA and is not reportable under SARA.

CR's Spill Committee will meet to discuss this release and make recommendations to mitigate re-occurrences. Please call me at (307) 358-6541 ext. 462 if you have questions.

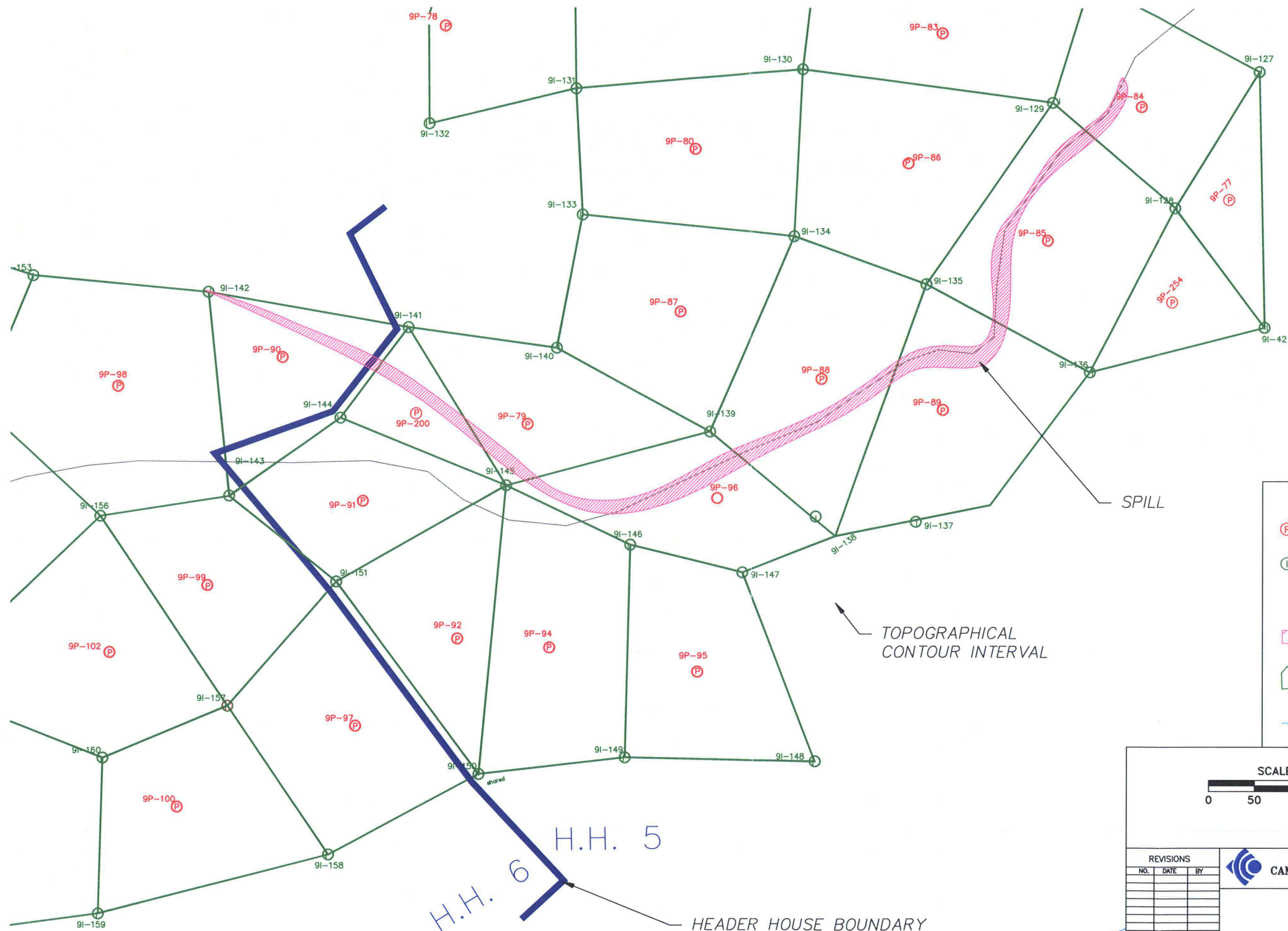
Sincerely,



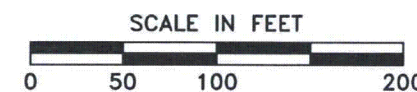
Krista Wenzel  
Manager, Environment, Health and Safety

Attachment: Map

|     |  |               |                 |                 |
|-----|--|---------------|-----------------|-----------------|
| cc: | T. Cannon  | M. Bryson     | S. Bakken       | D. Kolkman      |
|     | S. Miller  | B. Kluchewski | File SR 4.3.3.1 | File SR 4.6.4.4 |
|     | Doug Mandeville – NRC Project Manager (2-copies) |               |                 |                 |
|     | Joe Hunter – Water Quality Division              |               |                 |                 |



(P) 9P-XXX PRODUCTION WELL  
(I) 9I-XXX INJECTION WELL  
 CONTOUR INTERVAL = 5'  
 SPILL  
 PATTERN  
 FENCE



|                                 |          |     |  |                         |
|---------------------------------|----------|-----|--|-------------------------|
| <b>REVISIONS</b><br>NO. DATE BY |          |     | Cameco Resources<br>SMITH RANCH - HIGHLAND<br>OPERATION<br>P.O. Box 690<br>Ellettsburg, WV 26037 Telephone: (800) 988-6891 |                         |
|                                 |          |     | <b>MINE UNIT 9</b><br><b>SPILL 06/10/09</b><br><b>9-I-142</b>  |                         |
| 0                               | 06/17/09 | NRH | FSCM NO: _____<br>DWG NO: _____  | CURRENT REV<br><b>0</b> |
| DES. BY:                        | DATE:    |     | PAPER SIZE: ANSI EXPAND B (11.00 X 17.00 INCHES)   |                         |
| CHK. BY:                        | DATE:    |     | U:\ENGINEERING\NICK\SBASEMAP.DWG   |                         |
| DRFT. BY:                       | DATE:    |     |  |                         |