

January 10, 2019

Kevin Solie  
Basin Electric Power Cooperative  
1717 East Interstate Avenue  
Bismarck, ND 58503-0564

**CCR Groundwater Assessment Monitoring Results for Bottom Ash Pond 1  
Laramie River Station, Wheatland, WY**

Dear Mr. Solie:

AECOM Technical Services, Inc. (AECOM) has been providing groundwater monitoring services for the following three Coal Combustion Residuals (CCR) units/multi-units at the Laramie River Station (LRS) near Wheatland, Wyoming:

- Bottom Ash Pond 1;
- Bottom Ash Pond 2, Bottom Ash Pond 3, Ash Landfill; and
- Emergency Holding Ponds (east and west ponds).

In 2018, AECOM conducted two rounds of groundwater assessment monitoring for the CCR units in accordance with the Federal CCR Rule. A statistical evaluation of the results was performed to establish background levels and identify any exceedance of a groundwater protection standard (GWPS) as required by Chapter 40 Part 257.95 of the Code of Federal Regulations.

The statistical evaluation for Bottom Ash Pond 1 found that concentrations of lithium and molybdenum in down-gradient monitoring well MW-38B exceeded their respective GWPS. Concentrations of all other Appendix IV constituents were less than applicable GWPSs.

The statistical evaluation for the two CCR multi-units at LRS found no exceedances of any GWPS for Appendix IV constituents.

Please do not hesitate to contact us if you have any questions regarding these findings.

Yours sincerely,

**AECOM**

  
Greg Somermeyer  
Senior Project Manager

T: +1 970.530.3506  
E: gregg.somermeyer@aecom.com



Dennis P. Connair  
Principal Geologist, Vice President

T +1 513.419.3430  
dennis.connair@aecom.com