


**MidAmerican Energy Company
Louisa Generating Station
CCR Monofill Drilling and Piezometer Installation**

Project Description

A subsurface exploration and monitoring program is scheduled to be completed at the West Coal Combustion Residual (CCR) Monofill to provide better understanding of the surface and subsurface water movement at the site. Iowa Department of Natural Resources (IDNR) Permit Number 70-SDP-17-04C. This is due to recent extensive erosion near, and within, the triple-culvert which carries water from the capping system to the stormwater basin directly north of the northwest corner. IDNR was notified via letter dated November 9, 2021. Approval was provided per IDNR via responding letter dated November 18, 2021.

Professional Engineer Certification

“I hereby certify that the Drilling and Piezometer Installation at the West Coal Combustion Residual (CCR) Monofill (Scheduled for November 2021) at the Louisa Generating Station, owned and operated by the MidAmerican Energy Company, will not adversely affect human health or the environment per 40 CFR 257.104(d)(1)(iii)). I am a duly licensed Professional Engineer under the laws of the State of Iowa.”

	I hereby certify that these engineering documents were prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.
	<p style="text-align: right;">11/23/2021</p> <p>Gregory M. Shafer _____ Date</p> <p>Iowa License No. P26072</p> <p>My license renewal date is December 31, 2021.</p> <p>Pages or sheets covered by this seal:</p> <p>All.</p>