

**35 IAC 845.630(g) Groundwater Monitoring System Certification  
Southern Illinois Power Cooperative, Marion Power Plant,  
Storm Water Basin (formerly Emery Pond)**

In accordance with Title 35 Illinois Administrative Code (35 IAC) 'Part 845, Subpart F, Section 845.630(g), the owner or operator of a coal combustion residual (CCR) unit must obtain a certification from a qualified professional engineer stating that the groundwater monitoring system at the CCR unit has been designed and constructed to meet the requirements of 35 IAC § 845.630. If the groundwater monitoring system includes the minimum number of monitoring wells specified in 35 IAC § 845.630(c)(1), the certification must document the basis supporting use of the minimum number of monitoring wells. Further, in accordance with 35 IAC § 845.630(e)(1), when completing the groundwater monitoring system certification, the qualified professional engineer must be given access to documentation regarding the design, installation, development, and decommissioning of any monitoring wells, piezometers and other measurement, sampling, and analytical devices.

The groundwater monitoring system designed and constructed for the Storm Water Basin includes one (1) upgradient and seven (7) downgradient monitoring wells which exceed the minimum requirements of 35 IAC § 845.630(c)(1). The undersigned has been given access to documentation regarding the design, installation, development, and decommissioning of monitoring wells, piezometers and other measurement, sampling, and analytical devices concerning the Storm Water Basin as described in the Groundwater Monitoring Plan dated March 29, 2019, revised March 24, 2021 and written by Hanson Professional Services Inc.

I, John M. Heyen, a qualified professional engineer in good standing in the State of Illinois, certify that the groundwater monitoring system at the Marion Power Plant Storm Water Basin has been designed and constructed to meet the requirements of 35 IAC § 845.630.



John M. Heyen  
Illinois Licensed Professional Engineer  
062-058721  
(expires November 30, 2021)  
signed October 14, 2021

