

Groundwater Monitoring System and Evaluation Certification

Brickhaven No.2 Mine Tract "A" Structural Fill

Design and construction of the Brickhaven No.2 Mine Tract "A" Structural Fill meets the design requirements of the North Carolina Coal Ash Management Act of 2014 (CAMA) with respect to the groundwater monitoring system.

As HDR's authorized representative, I have prepared or supervised the preparation of the referenced documentation below; which has been prepared in general accordance with industry standards and practices; and the information contained therein is truthful and accurate to the best of my knowledge. These documents include the following:

- The North Carolina Department of Environmental Quality approved water quality monitoring plan which meets the requirements of the groundwater monitoring systems criteria section of CAMA as it relates to the groundwater monitoring system.
- HDR's groundwater monitoring system design and construction documents, observations during construction, and related permits and construction certification documents were performed in accordance with acceptable and customary engineering practices.
- The groundwater background and semi-annual reporting was conducted in accordance with NCDEQ guidelines and customary industry practices. Evaluation of the data utilized an industry approved statistical analysis method and follows the practices as defined in 40 CFR § 257.93 (f).

The signature of HDR's authorized representative on this document represents that to the best of HDR's knowledge, information, and belief in the exercise of its professional judgment, it is HDR's professional opinion that the aforementioned information is accurate as of the date of such signature. Any opinion or decisions by HDR are made on the basis of HDR's experience, qualifications, and professional judgment and are not to be construed as warranties or guaranties..



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