

March 5, 2020

SEMIANNUAL REMEDY SELECTION PROGRESS REPORT MIAMI FORT BASIN A

In accordance with Title 40 Code of Federal Regulations (C.F.R.) § 257.97(a), the owner or operator of a coal combustion residuals (CCR) unit must prepare a semiannual report describing the progress in selecting and designing a remedy for statistically significant levels (SSLs) of constituents listed in Appendix IV of 40 C.F.R. Part 257 over the groundwater protection standards established in accordance with 40 C.F.R. § 257.95(h).

This report is for Basin A at Miami Fort Power Station.

As stated in the notification dated February 6, 2019, SSLs for total cobalt and total molybdenum were identified at Basin A during assessment monitoring completed in accordance with 40 C.F.R. § 257.95.

A Corrective Measures Assessment (CMA) was completed for Basin A on September 5, 2019 as required by 40 C.F.R. § 257.96. The CMA identified three potential source control measures and five potential groundwater corrective measures for further evaluation.

A public meeting was held on December 16, 2019 at the Miami Township Community Center in North Bend, Ohio to discuss the results of the of the CMA in accordance with 40 C.F.R. § 257.96(e).

Selection of the source control measure is currently in the feasibility study phase and will incorporate groundwater flow and transport modeling. Selection of the groundwater corrective measure is currently in the monitored natural attenuation (MNA) feasibility study phase.