

## CCR Rule Groundwater Protection Standard Exceedance Notification

### Chesterfield Power Station – Fossil Fuel Combustion Products Management Facility Chester, Virginia

The first semi-annual 2019 modified assessment monitoring groundwater samples were collected from the Chesterfield Power Station Fossil Fuel Combustion Products Management Facility's groundwater monitoring network in accordance with the federal Coal Combustion Residuals (CCR) Rule and Virginia Solid Waste Permit No. 609. The analytical results from this sampling event were compared to Virginia Department of Environmental Quality approved groundwater protection standards (GPS) and specific constituent concentrations above GPS were identified and are listed below.

40 CFR §257.95(g) requires the owner or operator of an existing CCR unit that is monitoring groundwater in accordance with the assessment monitoring program and has exceeded a GPS to prepare a notification identifying the Appendix IV constituents that have exceeded the GPS. The notification is complete when it is placed in the facility's operating record as required by 40 CFR §257.105(h)(8). The following Appendix IV constituent was detected at a level above the GPS.

#### CCR Rule Groundwater Protection Standard Exceedances

Constituent	GPS (parts per billion)	Downgradient Monitoring Well(s)	Concentration (parts per billion)
Cobalt	43.4	MW-10	48.7

An Alternate Source Demonstration was completed in July 2019 and concluded that the elevated cobalt concentrations are attributable to historical site activities prior to development of the site by Dominion Energy and are not related to the CCR management areas. Groundwater monitoring well MW-10 is located inside the Chesterfield Power Station property. Groundwater within the property and downgradient of the property is not used as drinking water and as such does not present a risk to drinking water quality.