

## Memorandum

**To:** More's Lake Operating Record  
CCR Fugitive Dust Plan

**From:** Christian Johanningmeier, PE  
Power Production Superintendent

**Date:** April 26, 2019

**Subject:** Annual Report – CCR Fugitive Dust Control Plan

This annual report is prepared in accordance with the Water & Light Department's CCR Fugitive Dust Control Plan for More's Lake at the Municipal Power Plant.

### **Actions Taken to Control CCR Fugitive Dust**

During the period of April 2018 through October 2018, CCRs were actively excavated and hauled to the City of Columbia Landfill for disposal. Between November 2018 and April 2019, CCRs were sporadically hauled to the Landfill. Excessive wet weather during this period curtailed hauling activities. Also, during this later period, CCRs were heavily mixed with native soils. By April 2019, CCR removal and hauling was more than 95% complete. Several operational practices, as detailed below, were used to control emissions of fugitive CCR dust.

- The hauling contractor used standard dump trucks to move the CCR material and was required to cover loads after loading and before leaving the MPP site.
- Loading of trucks was done to minimize drop height from loader to truck.
- Loading of trucks was performed on a pad of clean large sized gravel that was periodically replaced to keep haul trucks from picking up and moving loose CCR material.
- Rock haul roads into the Lake were periodically refreshed with clean stone.
- Hauling and excavation operations were suspended on days with high winds.
- Paved areas of MPP were routinely inspected and periodically swept to control dust.

Also, monthly fugitive dust inspections are conducted on the MPP grounds in accordance with air permit requirements.

### **Citizen Complaints**

No citizen complaints have been logged since April 2018.

### **Correction Measures Taken**

Principal corrective actions taken:

- Periodic replacement of gravel areas used to load CCRs into dump trucks.
- Periodic replacement of gravel on temporary haul roads constructed into the lake.
- Curtailment of excavation and hauling activities during periods of high wind.
- Paved areas were periodically swept to control dust.