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October 17, 2018

Arkansas Department of Environmental Quality  
Gavin Gray, Water Division Enforcement Branch  
5301 Northshore Drive  
Little Rock, Arkansas 72118-5317

RE: NPDES AR0021661  
Request for Corrective Action Plan, October 1, 2018

Mr. Gavin Gray,

In response to your request for a Corrective Action Plan, Cabot Waterworks has implemented the following procedures to prevent future violations.

The source of the ammonia violations appears to be from supernatant water from our sludge ponds during elevated water temperatures in the summer. Supernatant water overflows a discharge weir and is recirculated back through the WWTP. During the heat of the summer the sludge ponds appear to have adverse biological activity that results in high ammonia levels.

- We have started monitoring our sludge pond discharge for excess ammonia levels.
- When excess ammonia levels are detected we will raise the overflow weir to stop discharge.
- When water temperature and ammonia levels decline to an acceptable level we will release supernatant water from the pond to be treated in the plant.
- Lab test equipment has been purchased for high range ammonia.
- We are currently monitoring the pond supernatant ammonia levels and WWTP influent ammonia levels.
- The WWTP discharge is currently in compliance with permit limits.

Sincerely

Tim D. Joyner P.E.  
General Manager



Cc: Jimmy Johnson WWTP Operator