

June 15, 2018

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

**Re: CAP Progress Report No. 2**  
**NPDES Permit No. AR0022292, AFIN 04-00052**  
**City of Decatur, CAO LIS 16-094**  
**MCE Project No. FY152150**

Dear Mr. Gray,

This letter serves as the second bimonthly progress report on the Corrective Action Plan dated March 13, 2018. Following is a summary of progress made on the CAP since it was implemented.

#### Flow Diversion

The City continues to divert flows that exceed the treatment capacity of the WWTP to the equalization pond for temporary storage. This measure will be continued until the process improvements are constructed and placed into operation. In addition, the City completed lining approximately 1,000 feet of sewer since the last progress report, which had been identified to be a significant source of I&I.

#### UV Disinfection System

The City continues to perform routine maintenance on the existing UV system to maximize its treatment capability. The new UV system is scheduled to be delivered in July 2018 and is scheduled to be installed by the Contractor in August 2018. As previously mentioned, the new UV system will have a rated capacity of 4.6 MGD.

#### Sludge Handling and Disposal Procedures

- Belt Filter Press
  - The City continues to operate the temporary belt filter press, which has helped increase the solids handling capacity until the new screw press can be installed. The new screw press is still on schedule to be placed into operation in late October 2018.

- Actiflo System
  - The City continues operate this system for 16 hours each day, and has seen an improvement in the performance of the system. The Actiflo will remain in operation until the process improvements at the WWTP are fully constructed.
- Wasting Procedures
  - As mentioned in the April 2018 progress report, the City continues to waste to the ASST while the jet motive pumps are operating in the SBR tanks to maximize sludge removal. If the ASST reaches its capacity, the City has a temporary line to the existing pond to store excess sludge until it can be processed.

The City will continue to implement the aforementioned procedures until the process improvements are placed into operation. Please don't hesitate to let me know if you have any questions or need additional information.

Sincerely,  
McClelland Consulting Engineers, Inc



Nicholas R. Batker, PE, CFM  
Associate/Senior Project Manager

Cc: Mayor Robert Tharp  
James Boston, Director of Public Works  
Ryan Adler, Crossland Heavy Construction