

October 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. 4
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 fourth 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. Flow diversion will continue until the process improvements are constructed and placed into operation.

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 on-site, and MCE and the Contractor have developed a tie-in procedure to allow the system to be installed in advance of the MBR and permeate tank installation. The new UV system is scheduled to be in operation by the end of this month, and will significantly improve the disinfection capability of the WWTP. This schedule is contingent upon the controls system integrator having the control panel ready for startup; therefore, the Contractor is currently coordinating closely with the integrator on this item.

Sludge Handling and Disposal Procedures

- Screw Press
 - The temporary belt filter press has been removed from the site. The new screw press/conveyor system has been installed, and was placed into operation on October 9, 2018 (approximately 2 weeks ahead of schedule). The solids handling capacity of the new screw press is more than double the capacity of the original fan press.

- Actiflo System
 - The City continues operate this system for 16 hours each day, which has improved the overall 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 August 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. The City also has a temporary line to the existing pond to store excess sludge if the ASST reaches capacity. The recent startup of the new screw press will further improve the ability of the WWTP to process the sludge.

The City will continue to implement the aforementioned procedures until all of the process improvements are fully 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