

CONSENT ADMINISTRATIVE ORDER

QUARTERLY REPORT 9

MONTICELLO WASTEWATER TREATMENT PLANT-EAST

NPDES Permit Number      AR0021831      AFIN: 22-00379

City of Monticello

Monticello, AR 71639

April 11, 2022

Pursuant to the amended consent administrative order, CAO LIS 18-066-001, the city of Monticello (City) is required to submit quarterly reports. This status report 9 is for the quarter period that ended March 31, 2022.

The hydrograph control release (HCR) system, which includes HCR cell, effluent discharge component and the receiving stream flow monitoring, is consistently performing well. The adequacy of streamflow monitoring with respect to HCR effluent system has been verified and is in good working order.

The city of Monticello has evaluated the contents of the accumulated sludge in the lagoon. The City has already performed preliminary analysis of the sludge in the lagoon and has succinctly been presented in one of the quarterly reports. Based on assessments, it was determined to desludge cells 1 and 2 of the lagoon system.

The City also has bid the sludge removal from the lagoon on November 10, 2020, and awarded the contract November 24, 2020 to the lowest bid. The contract awarded company has obtained biosolids land application permit sometime in September 2021, from the Arkansas Division of Environmental Quality (DEQ). The company has also completed soil analyses of the approved land for biosolids application. A preconstruction conference for the sludge removal has been scheduled August 2, 2022. The contractor plans to complete the sludge removal by the end of September 2022.

Baffle systems design will soon be completed. It is currently undergoing detail design phase. It will be submitted to DEQ for review in the early month of May 2022. Once the desludging of lagoon is complete, the baffle systems will be installed. The baffles would reduce short circuiting appreciably and would usher in some level of mixing in the system.

Based on the CAP dated August 30, 2019 that accompanied CAO LIS 18-066-001, the City has completed the following:

- Verification of adequacy of streamflow monitoring system with respect to HCR effluent discharge.
- Emergency power supply to lift stations.