McCLELLAND CONSULTING ENGINEERS, INC.
DESIGNED TO SERVE

7302 Kanis Road
Little Rock, AR 72204
501-371-0272/Fax 501-371-9932
mce.us.com

CONSENT ADMINISTRATIVE ORDER

QUARTERLY REPORT 8

MONTICELLO WASTEWATER TREATMENT PLANT-**EAST**

NPDES Permit Number AR0021831 AFIN: 22-00379

City of Monticello

Monticello, AR 71639

January 12, 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 8 is for the quarter period that ended December 31, 2021.

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 bided 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. Just this week, the company has indicated they would begin desludging the lagoon system this coming March 2022.

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.

Still remaining items are removal of sludge from the pond and minimization of short circuiting in the lagoon system.

Design of baffling systems has begun with the preliminary aspect of the design, even though it will be installed after successful desludging of the lagoon system. The baffling would reduce short circuiting appreciably and would usher in some level of good mixing in the system.