

CONSENT ADMINISTRATIVE ORDER

QUARTERLY REPORT 1

MONTICELLO WASTEWATER TREATMENT PLANT-EAST

NPDES Permit Number AR0021831 AFIN: 22-00379

City of Monticello

Monticello, AR 71639

April 13, 2020

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 is for the quarter period that ended March 31, 2020.

The hydrograph control release (HCR) system, which includes HCR cell, effluent discharge component and the receiving stream flow monitoring, appears to be performing well. The adequacy of streamflow monitoring with respect to HCR effluent system has been verified and is in good working order. However, the few violations shown in the discharge monitoring report (DMR) is ascribed to rounding errors. The NPDES permit limit prescribed two significant digits, and the reported values should have been reported in two digits instead of three digits. In other words, the precision of the reported values must not be greater than the prescribed limit.

The city of Monticello has begun evaluating the method to dispose of the sludge in the lagoon. Sludge from Cells 1, 2, and 3 has been sampled. The HCR cell was not sampled at this time because there was no appreciable sludge accumulation in the unit. Once appropriate data have been assembled, sludge will be removed from those cells in the near future.

Calculations show the detention time of the HCR cell to be 100 days based on a lagoon pond survey contained in a letter dated April 17, 2019 to ADEQ. In the same lagoon pond survey, the detention time for cells 1, 2, and 3 was determined to be 104 days. Thus, the lagoon system has a total detention time of 204 days, which is significant.

The City has installed electrical switch gears at the four lift stations within the east plant wastewater collection system that would be connected to generators during electrical power failures. It also has purchased one portable generator to serve the four lift stations.