

CORRECTIVE ACTION PLAN

QUARTERLY REPORT 3

North Central Wastewater Treatment Facility

NPDES Permit Number:AR0044016 AFIN: 33-00036 MCE Project No. 22-5794

Route 5, Highway North 5

Calico Rock – Izard County
AR 72519

April 12, 2023

Pursuant to the Consent Administrative Order, CAO LIS 22-082, Arkansas Department of Correction (ADC) – North Central Unit is required to submit quarterly reports in conformance with Paragraph 2 of Order and Agreement section of the said Order until the cited order is closed. This quarterly status report 3 is for the period that ended March 31, 2023.

ADC- North Central Unit at Calico Rock in Izard County had implemented several improvements on its wastewater treatment plant. The improvements included:

- Replacement of magna rotor
- Refurbishment of the aeration system
- Installation of new UV lights

As indicated in the previous quarterly report, the equipment installed is fully operational and seems to be performing well. A dissolved oxygen (DO) meter has been ordered to assist in controlling the amount nitrate-nitrogen in the discharge stream. Another module of the UV system has also been placed on order. The module will serve as a spare for any emergency scenarios.

- Dissolved oxygen meters have been installed and are operational
- UV module has been installed and is operational
- Owner coordinating with contractor to acquire smoke testing and dye water testing.