

CORRECTIVE ACTION PLAN

QUARTERLY REPORT 5

ADC-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

October 13, 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 number 5 is for the period that ended September 30, 2023.

As indicated in the previous quarterly report, the equipment installed is fully operational and seems to be performing well.

Activity	Milestone dates
1. Performance observation of the newly installed equipment	Aug 4 – Nov 4, 2022
2. Finetuning of the operations of the WWTP to assist in the achievement of nitrate-nitrogen compliance	Nov 7, 2022 – Mar 31, 2023
• Replacement of magna rotor - complete	
• Refurbishment of the aeration system - complete	
• Installation of new UV lights- complete	
• Dissolved oxygen meters have been installed and are operational - complete	
• UV module has been installed and is operational -	

complete

3. Reduction of inflow/infiltration (I/I) within the wastewater collection system Nov 7, 2022 – Jun 30, 2023

- **Owner coordinating with contractor to acquire smoke testing and dye water testing. – In progress (Awaiting results from contractor)**

4. Design and construction of a new wastewater treatment process that will include nitrate-nitrogen removal capabilities. Apr 2023 – Apr 2025
- **In progress**