

## Tiana Touns (adpce.ad)

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**From:** Chid Kwelle <ckwelle@mce.us.com>  
**Sent:** Tuesday, January 17, 2023 3:11 PM  
**To:** Tiana Touns (adpce.ad)  
**Cc:** Richard Cooper (DOC); Chris Ashcraft (DOC); Adam Triche; Travis Adair (DOC)  
**Subject:** Quarterly Report- North Central Unit  
**Attachments:** Quarterly Report 2- North Central.docx.pdf

Dear Tiana,

Please see attached quarterly report. Wish to note that Sunday was 15<sup>th</sup> and there was a public holiday on Monday, 16<sup>th</sup>. Thanks for understanding.

**Chid Kwelle, PhD, PE**



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CORRECTIVE ACTION PLAN

QUARTERLY REPORT 2

North Central Wastewater Treatment Facility

NPDES Permit Number AR0044016 AFIN: 33-00036

Route 5, Highway North 5

Calico Rock – Izard County  
AR 72519

January 17, 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 2 is for the period that ended December 31, 2022.

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.