

NON-COMPLIANCE REPORT

Arkansas Department of Environmental Quality
NPDES Enforcement Section
5301 Northshore Drive
North Little Rock, AR 72118

RE: NPDES Permit No: AR0044016 **Discharge Number:** A - 001-Monthly

Facility: Ark. Dept of Correction-NCU-Izard County Facility

Address: Ark State Hwy 5 & NE on CR 46 1.25 MI

City: Calico Rock

State: AR

Zip: 72519

Contact: Robert Leggett

Phone: 870-267-6669

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
September, 2022	DO		3.9 mg/l	5.1 mg/l Min. limit
September, 2022	NO2+NO3		10.6 mg/l Daily Max	10 mg/l Max liimit
September, 2022	Fc		700 cfu/100mls	200 cfu/100mls 7 day geo limit

We feel this problem was due to:
We had a high flow event at the beginning of September blowing solids from Clarifier, TSS was low though
Higher ammonia levels stretched to DO creating the Nitrates and Nitrites

We plan on correcting the problem in this manner:

Currently the facility is under CAO to correct these issues, we are replace are DO probe to get better handle on the DO. Also with the DO probe we should be able to control our aerator and manage the DO to help treat the Nitrate and Nitrites. We have order replacement bulbs for our UV unit to produce better treatment.

Time estimated that it will take to correct the problem/s:

Fine tuning existing facility completed by March of 2023, new plant construction April 2025 to come into final compliance per CAP and CAO.

Sincerely,


Authorized Signature

10/28/2022
Date