

NON-COMPLIANCE REPORT

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

RE: NPDES Permit: AR0033880 Discharge Number: 001A

Facility: City of Hot Springs Regional Wastewater Treatment Plant

Address: 320 Davidson Drive City: Hot Springs State: Ar Zip: 71901

Contact: Harold Mauldin Phone: 1 (501) 262-1125

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
June 24, 2023	Ammonia (Nh3)		8.19 mg/l	7.50 mg/l
June 2023	Ammonia (Nh3)		4.45 mg/l	3.60 mg/l

We feel this problem was due to: Significant increase in gallons from septic haulers near the Davidson Drive influent. 218,850 gallons (110,950 gallons more than average) was released to the plant. Decreased flows (causing an increase in concentration levels), low Dissolved Oxygen in the Aeration Basin, and near record temperatures contributed to the ammonia spike.

We plan on correcting the problem in this manner: The ammonia level spiked June 21-28, 2023. Since that time, the ammonia levels have returned to within permit parameters. Attempts are being made to maximize our Dissolved Oxygen levels and watch the septic station for spikes in waste release.

Time estimated that it will take to correct problem: Ammonia issues are under control. Improvements to our aeration basin will commence soon; aiding in the Dissolved Oxygen and ammonia control.

Sincerely,


Submitted By:

July 10, 2023
Date

Submitted Electronically via NetDMR

Certification Statement: I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (Revised March 2016)