

NON-COMPLIANCE REPORT

October 18, 2022

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

RE: NPDES Permit No. AR0043613 **AFIN No.** 14-00059 **Discharge Number:** 001

Facility: City of Magnolia-Big Creek WWTP

Physical Address: 72 Columbia Road 300 Magnolia, AR 71753

Mailing Address: P.O. Box 666 Magnolia, AR 71754-0666

Contact: Russell Thomas **Phone:** 870-234-2955 **Fax:** 870-234-2203

Email: mwws@sbcglobal.net

Date of Non-compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
09/26/2022	Ammonia Nitrogen	99.33 lbs.	9.46 mg/l. 7 day Avg. Daily Max	4.8 mg/l, 7day AVG. Daily Max 50 Lbs/day
09/19/2022	Ammonia Nitrogen		3.1 monthly avg.	2.4 monthly avg

We feel like this problem was due to;

Ammonia Nitrogen: We have had contractor's in the plant installing new gear drives on two of our clarifiers, due to contractor errors we have had to drain and **switch clarifier numerous times. We feel** that this is the cause of our high ammonia readings.

We plan on correcting the problem in this manner:

We have had the gear drive manufacture's technician on site to properly level the gear drives. We are presently in the process of placing the repaired clarifiers back into service.

Time estimated that it will take to correct problem.

We will have one of the repaired clarifiers back in service by the middle of next week.

Sincerely

Russell W. Thomas

Russell W. Thomas

__09/18/2022__
Date