

# NON-COMPLIANCE REPORT

EPA, REGION 6

COMPLIANCE ASSURANCE AND ENFORCEMENT

1445 ROSS AVENUE

DALLAS, TX 75202-2733

RE: NPDES Permit No. AR0021750 Massard WWTP

ADEQ

NPDES ENFORCEMENT SECTION

5301 NORTHSORE DRIVE

NORTH LITTLE ROCK, AR 72118

Address: 1609 9th Street

City: Barling, Arkansas 72923

Contact: Deputy Director, Operations Phone: 479-494-3908

Date of	Parameter	Quantity or	Quality or	
<u>Non-compliance</u>	<u>Exceeded</u>	<u>Loading</u>	<u>Concentration</u>	<u>Permit Limits</u>
July 2022	Fecal Coliform	345 #/100ml	(1) — Monthly Average	200 #/100 ml Monthly avg.
July 2022	Fecal Coliform	31090 #/100ml	(2) — 7 Day Average	400 #/100 ml 7-Day avg.

### We feel this problem was due to:

The causes of the Fecal Coliform Bacteria exceedances are as follows.

1. Please reference the City's Non-Compliance report for July 2022.
2. The exceedances for Fecal Coliform Bacteria for the month of July were believed to be due to a prolonged excessive heat wave that caused an increase in bacterial growth.
3. The pump head on the PAA feed system may have been experiencing issues preventing proper dosage of the PAA.
4. Staff's inexperience with PAA during abnormally hot temperatures.

Plan of correcting the problem in the following manner: Samples of wastewater were sent to the PAA supplier to perform analysis and make suggestions on how to remedy the situation. A gradual increase of the PAA dosage was made to lower the fecal count. The pump head was changed during the same period of time. Staff are being provided additional training on PAA disinfection. During hotter months, a PAA dosage increase will be started before fecal numbers show elevation.

Time estimated to correct the problem: The fecal numbers decreased when the PAA dosage was increased, and after the pump head was changed

  
Lance McAvoy, Director of Utilities

08/23/2022  
Date: