

NON-COMPLIANCE REPORT

EPA, REGION 6
COMPLIANCE ASSURANCE AND ENFORCEMENT
1445 ROSS AVENUE
DALLAS, TX 75202-2733

ADEQ
NPDES ENFORCEMENT SECTION
5301 NORTHSHORE DRIVE
NORTH LITTLE ROCK, AR 72118

RE: NPDES Permit No. AR0021750 Massard WWTP

Address: 1609 9th Street

City: Barling, Arkansas 72923

Contact: Jonathan Shipley, Treatment Program Manager Phone: 479-784-2331

<u>Date of Non-compliance</u>	<u>Parameter Exceeded</u>	<u>Quantity or Loading</u>	<u>Quantity or Concentration</u>	<u>Permit Limits</u>
May 2023	Total Suspended Solids	N/A	(1) - 7 day average Exceedance	30 mg/l - 30 day avg. 45 mg/l - 7day avg.

We feel this problem was due to:

The cause of the TSS exceedance is as follows.

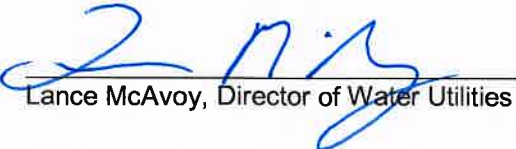
On 5/10 close to midnight, we experienced heavy rainfall that totaled .53" in less than an hour. An additional .14" of rainfall was also received on the following day. These rain events almost doubled the influent flow from 7 MGD to 14 MGD and with the secondary clarifiers operating at a higher sludge blanket than normal, forced an excess amount of suspended solids to be washed out into the effluent. Really high effluent TSS conc. was detected for two days (05/11 - 237.5 mg/l & 05/12 - 103.3 mg/l) skewing the 7-day average and resulting in the permit non-compliance.

Plan of correcting the problem in the following manner:

1. Additional sludge is being removed from the final clarifiers to lower the sludge blanket. This should help prevent solids from being forced out the effluent of the plant during future rain events.

Time estimated to correct the problem:

1. On 5/13 the TSS numbers were well below permit limits and remained that way for the rest of the month.


Lance McAvoy, Director of Water Utilities

Date: 06/22/2022