

NON-COMPLIANCE REPORT

Arkansas Department of Energy & Environment
Division of Environmental Quality
Office of Water Quality, Enforcement Section
5301 Northshore Drive, North Little Rock, AR 72118

RE: Permit No: AR0036692 Discharge Number: Outfall 001
Facility: City of Mena - Mena Wastewater Treatment Plant
Address: 323 Polk 53
City: Mena State: Arkansas Zip: 71953
Contact: James Looney, General Manager, Mena Water Utilities Phone: (479) 394-2761

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
7/26/2023	Dissolved Oxygen (DO)		7.04 mg/L	7.1 mg/L (Min.)
7/27/2023	Dissolved Oxygen (DO)		4.35 mg/L	7.1 mg/L (Min.)

We feel this problem was due to:

The cause of the DO exceedance is unknown, but may have been caused by algal respiration and/or oxygen demand from excess sludge accumulations within the lagoons.

We plan on correcting the problem in this manner:

The City is continuing to make progress toward constructing a new wastewater treatment facility, which is expected to provide more operational flexibility and be less susceptible to permit excursions occurring at the existing facility.

Time estimated that it will take to correct problem:

All resolutions will be completed as soon as possible.

Sincerely,



Submitted By:

Date

9 Aug 2023

☐ Submitted electronically via NetDMR

Certification Statement: I certify under 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)

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Contact: James Looney, General Manager, Mena Water Utilities Phone: (479) 394-2761

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
7/19/2023	Dissolved Oxygen	-	7.09 mg/l	7.1 mg/l (min.)
7/20/2023	Dissolved Oxygen	-	7.06 mg/l	7.1 mg/l (min.)
7/20/2023	Total Suspended Solids	-	36.0 mg/l	22.5 mg/l

We feel this problem was due to:

The cause of the recorded DO and TSS exceedances are unknown. However, the DO exceedances may have been caused by algal respiration and/or oxygen demand from excess sludge accumulations within the lagoons. The TSS exceedance is suspected to be caused by excessive rainfall resulting in an accumulation of solids near the lagoon effluent structure that ultimately entered the effluent. All effluent was filtered prior to discharge, but it is suspected that the abnormally high solids loading rate associated with this accumulation limited the effectiveness of the filtration system.

We plan on correcting the problem in this manner:

The City is continuing to make progress toward constructing a new wastewater treatment facility, which is expected to provide more operational flexibility and be less susceptible to permit excursions occurring at the existing facility.

Time estimated that it will take to correct problem:

All resolutions will be completed as soon as possible.

Sincerely,


Submitted By:

July 31
Date

☐ Submitted electronically via NetDMR

Certification Statement: I certify under 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)