

NON-COMPLIANCE REPORT

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

RE: NPDES Permit No: AR0049611 Discharge Number: 01B

Facility: Arkansas Electric Cooperative Corporation - Magnet Cove Generating Station

Address: 410 Henderson Road

City: Malvern State: AR Zip: 72104

Contact: Mark Folsland Phone: 843-259-8133

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
1/02/2022	pH		9.34, 9.35	6.0 - 9.0 s.u.

We feel this problem was due to:

See attached.

We plan on correcting the problem in this manner:

See attached.

Time estimated that it will take to correct problem:

See attached.

Sincerely,



Authorized Signature

2/9/2022

Date

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)

**Noncompliance Report for January 2022 DMR
Magnet Cove Generating Station
NPDES Permit No. AR0049611, AFIN 30-00337**

Arkansas Electric Cooperative Corporation's (AECC's) Magnet Cove Generating Station is required to sample internal Outfall 01B – low-volume wastewater – for pH once per month. On January 2, pH sampling results for Outfall 01B were 9.34 s.u. and 9.35 s.u., which exceeded the compliance range of 6.0 – 9.0 s.u.

Outfall 01B is an internal, low-volume outfall that discharges to Outfall 001. Outfall 001 is the plant's only external wastewater outfall – i.e., the plant's only outfall that discharges effluent off-site. The pH results at Outfall 001 were in compliance with the permit limits.

There have previously been no pH compliance issues at this outfall. It should be noted that the next sampling event at Outfall 01B occurred on February 7, and the pH result was 8.39 s.u., which falls within the compliance range.

Sampling at Outfall 01B typically occurs once per month after steam piping is drained (to the oil/water separator) of any condensation that may have built up during recent plant operations. The steam is from the boiler water, which is kept at a pH greater than 10 s.u. to protect the metal. Improper draining of the steam piping likely explains the high pH result in January. Plant staff is implementing a policy to treat and resample pH in the future if results are outside of the normal compliance range.

AECC will continue to monitor pH to ensure the plant is in compliance in the future.

For questions and comments, please contact Stephen Cain at 501-570-2420.