

STATE CONSTRUCTION PERMIT

Permit Number: AR0001759C

Permittee:

Consulting Engineer:

Arkansas Electric Cooperative Corporation  
Thomas B. Fitzhugh Generating Station  
P.O. Box 78  
Ozark, AR 72949

N/A

This permit allows the permittee listed above to modify the wastewater treatment system in accordance with the permit application and plans and specifications which were received on May 19, 2017, and additional information received on May 24, 2017, and August 23, 2017, under authority of the Arkansas Water and Air Pollution Control Act (Arkansas Code Annotated §8-4-101 et seq. and Arkansas Code Annotated §8-4-201 et seq.) and the following terms and conditions.

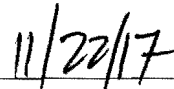
1. The treatment system shall be modified in accordance with the final plans and specifications as submitted to the Arkansas Department of Environmental Quality (ADEQ). In case any statement or representation in the aforementioned documents is found to be incorrect, this approval may be revoked.
2. There shall be no deviation from the permitted plans and specifications unless the revisions have been submitted for review and written approval is received.
3. Within thirty (30) days of completion of construction, a Professional Engineer (PE) registered in Arkansas shall submit written certification to the Department (Permits Branch of the Office of Water Quality) that the facility has been constructed or modified in accordance with the approved plans and specifications.
4. This permit is issued in reliance upon the statements and representations made in the application and the plans and specifications. Issuance of this State Construction Permit does not guarantee satisfactory performance of the treatment system. The permittee shall ensure that water quality standards are not violated. Any modifications to the treatment facility necessary to meet water quality standards are the responsibility of the permittee and would require a modification to this State Construction Permit.
5. A State Construction Permit for modification of an existing wastewater treatment facility does not constitute an NPDES permit. Issuance of a State Construction Permit for construction or modification of a treatment system in no way guarantees or assumes that an application for an NPDES permit to operate the system will be approved or an NPDES permit will be issued.
6. The pond bottom will be lined with a 60 mil HDPE geomembrane in accordance with the drawings.
7. A complete "Operations and Maintenance (O&M) Manual" of the wastewater treatment system shall be updated by the engineering consultant for the operator's use before the plant is in operation.
8. If a construction site will disturb equal to or greater than one (1) acre and less than five (5) acres, the permittee shall comply with the requirements in Reg. 6.203 for Stormwater discharge associated with a small construction site, as defined in APC&EC Regulation No. 6. If the construction site will disturb five (5) acres or more, the permittee shall comply with the terms of the Stormwater Construction General Permit Number ARR150000 prior to the start of construction. BMPs must be implemented regardless of the size.

9. This facility is located as follows: Latitude: 35° 27' 46.64" N; Longitude: 93° 48' 16.24" W; from Ozark travel east on U.S. Highway 64 approximately 2 miles, turn south (right) on Lock and Dam Road and travel 1 mile, turn left and travel to the end of the road in Franklin County, Arkansas.
10. The receiving waters for this facility are Arkansas River in Segment 3H of the Arkansas River Basin. The outfall is located at the following coordinates: Outfall 002: Latitude: 35° 27' 41.58" N; Longitude: 93° 48' 11.68" W.
11. The construction will include expansion of the retention pond that discharges through Outfall 002 by removing the berm between the current retention pond and the stormwater pond, excavating an area on the north side of the pond, and lining the resulting pond with a 60 mil HDPE liner. A new discharge pipe, flowmeter, neutralization system and chemical oxidation system will be added. The facility will have a variable flow with an estimated average flow of 0.63 MGD. The existing treatment system is: settling and evaporation with a variable flow (average flow of 0.075 MGD).
12. Failure to begin construction within one (1) year of the effective date may result in termination of this permit if a request for an extension is not submitted to the Department in a timely manner.
13. The permittee must submit notification of the start of construction within fifteen (15) days after construction has begun.

Effective Date: November 27, 2017



Caleb J. Osborne  
Associate Director, Office of Water Quality  
Arkansas Department of Environmental Quality



Issue Date

## **FINAL STATEMENT OF BASIS**

For State Construction Permit Number AR0001759C.

The issuing office is:

Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, Arkansas 72118

The applicant is:

Arkansas Electric Cooperative Corporation  
Thomas B. Fitzhugh Generating Station  
P.O. Box 78  
Ozark, AR 72949

### **1. BASIS FOR PERMIT AND CONDITIONS**

This permit is your authority to modify the wastewater treatment system in accordance with the permit application and plans and specifications which were received on May 19, 2017, and additional information received on May 24, 2017, and August 23, 2017. The issuance of this permit and conditions are based on the Arkansas Water and Air Pollution Control Act (Arkansas Code Annotated §8-4-101 et seq. and Arkansas Code Annotated §8-4-101 et seq.), Arkansas Pollution Control and Ecology Commission (APC&EC) Regulation No. 6.202, NPDES Discharge permit AR0001759, and 40 CFR 122.26.

Specific permit conditions and their sources are listed as follows:

Conditions 1, 2, 3, 4, 5, 7, 9, 10, 12, and 13 are self-explanatory. Condition 8 is based on 40 CFR 122.26(b)(15). Condition 6 is based on Section 93.42 of 2004 Edition of Recommended Standards For Wastewater Facilities (10-SS) and generally accepted scientific knowledge, and engineering practices. Condition 11 is based on submitted application and plans and specifications.

### **2. SOURCES**

1. Application Form 1 and Plans and Specifications dated May 19, 2017, and additional information received on May 24, 2017, and August 23, 2017.
2. 2004 Edition of Recommended Standards for Wastewater Facilities (10-SS).
3. APC&EC Reg. 6, Reg. 8, and Reg. 9.
4. A.C.A. §8-4-217(b)(1)(C).
5. 40 CFR 122.26.

**3. CONTACT PERSON**

The ADEQ contact person for submitting written comments, requesting information, or obtaining copies of the application, permit, and the Statement of Basis is:

Guy Lester  
NPDES Branch, Office of Water Quality  
Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, Arkansas 72118-5317  
(501) 682-0023