

STATE CONSTRUCTION PERMIT
Permit Number: AR0036331C1

Permittee:

Entergy Arkansas, LLC
White Bluff Power Plant
1100 White Bluff Road
Redfield, AR 72132

Consulting Engineer:

Chad Ellis, P.E.
Kiewit
107 W County Line Road
Malvern, AR 72104

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 July 14, 2026, and all additional information received by July 24, 2026, 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 Division of Environmental Quality (DEQ). 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 the construction the permittee shall submit a Notice of Completion of Construction to the Division (Permits Branch of the Office of Water Quality) that the facility has been modified in accordance with the approved plans and specifications. The certification shall be signed by the Responsible Official as well as stamped and signed by a Professional Engineer (P.E.) licensed in the state of Arkansas. The Notice of Completion of Construction form is located at the following web link:

<https://www.adeq.state.ar.us/water/permits/npdes/individual/pdfs/state-construction-permit-completion-of-construction.pdf>

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 the modification of an existing wastewater treatment facility does not constitute an NPDES permit. Issuance of a State Construction Permit for 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. A complete "Operations and Maintenance (O&M) Manual" of the wastewater treatment system shall be updated by the facility consultant for the operator's use before the plant is in operation.
7. 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 Division in a timely manner.
8. The permittee must submit notification of the start of construction within fifteen (15) days after construction has begun.

9. If a construction site will disturb greater than or equal to one (1) acre and less than five (5) acres, the permittee shall comply with the requirements in PC&EC Rule 6.203 for Stormwater discharge associated with a small construction site, as defined in PC&EC Rule 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.
10. This facility is located as follows: Latitude: 34° 25' 11.40" N; Longitude: 92° 09' 20.60" W in Jefferson County, Arkansas.
11. The receiving waters for this facility are the Arkansas River in Segment 3C of the Arkansas River Basin. The outfall is located at the following coordinates: Outfall 002: Latitude: 34° 25' 11.4" N; Longitude: 92° 07' 15.7" W.
12. The construction will include: installation of an oil water separator with an integral lift station. The existing treatment system consists of: oil/water separation, sedimentation, coagulation, and neutralization; sanitary treatment systems: (a) septic tanks and (b) primary settling tank, recirculation tank, packed-bed fixed-film recirculating filters, and chlorine disinfection. The average flow of the facility will be unchanged.
13. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The complete application shall be submitted at least 180 days before the expiration date of this permit. The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date. Conditions of this permit will continue in effect past the expiration date pending issuance of a new permit if:
 - a. The permittee has submitted a timely and complete application as described in Rule 6.202(B); and
 - b. The Director, through no fault of the permittee, does not issue a new permit prior to the expiration date of this permit.

Effective Date: November 1, 2026

Expiration Date: October 31, 2031



Digitally signed by Stacie R. Wassell
DN: cn=Stacie R. Wassell, o=Division of Environmental
Quality, ou=Office of Water Quality,
email=stacie.wassell@adeq.state.ar.us, c=US
Date: 2026.10.22 11:43:15 -05'00'

Stacie R. Wassell
Deputy Director, Office of Water Quality
Arkansas Department of Energy and Environment
Division of Environmental Quality

October 22, 2026

Issue Date

STATEMENT OF BASIS

For State Construction Permit Number AR0036331C1.

The issuing office is:

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

The applicant's mailing address is:

Entergy Arkansas, LLC
White Bluff Power Plant
1100 White Bluff Road
Redfield, AR 72132

The facility address is:

Entergy Arkansas, LLC
White Bluff Power Plant
1100 White Bluff Road
Redfield, AR 72132

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 July 14, 2026, and all additional information received by July 24, 2026. 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 § 8-4-201 et seq.), Pollution Control and Ecology Commission (PC&EC) Rule 6.202, codified at 8 CAR § 25-202, NPDES Discharge permit AR0036331, and 40 C.F.R. § 122.26.

Specific permit conditions and their sources are listed as follows:

Conditions 1, 2, 3, 4, 5, 6, 7, and 8 are self-explanatory. Condition 9 is based on 40 C.F.R. § 122.26. Conditions 10, 11, and 12 are based on the submitted application and Plans and Specifications. Condition 13 is based on Arkansas Code Annotated § 8-4-203(a).

2. PUBLIC NOTICE

In accordance with PC&EC Rule 8, codified at 8 CAR Part 11, the public notice of the draft permit was published for public comment on September 13, 2026. The last day of the comment period was thirty (30) days after the publication date. No public comments were received on the draft permit.

3. PERMIT FEE

In accordance with PC&EC Rule 9.402(A), codified at 8 CAR § 12-302(b)(2), the fee for issuance of a state construction permit is \$500.

4. SOURCES

1. Application Form 1 and Plans and Specifications dated July 14, 2026, with all additional information received by July 24, 2026.
2. 2014 Edition of Recommended Standards for Wastewater Facilities (Ten State Standards).
3. PC&EC Rules 6, 8, and 9, codified at 8 CAR Parts 25, 11, and 12, respectively.
4. A.C.A. § 8-4-217(b)(1)(C).
5. 40 C.F.R. § 122.26.

5. CONTACT PERSON

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

Guy Lester, P.E.
Professional Engineer
NPDES Branch, Office of Water Quality
Division of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317
(501) 519-0304