

STATE CONSTRUCTION PERMIT
Permit Number: AR0052965C

Permittee:

Performance Proppants, LLC
River Ridge Ranch
4802 Benton Road
Bossier City, LA 71111

Consulting Engineer:

ECCI
13000 Cantrell Road
Little Rock, AR 72223

This permit allows the permittee listed above to construct the wastewater treatment system in accordance with the permit application and plans and specifications which were received on June 29, 2018, with all additional data received by November 1, 2018, 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 constructed 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 a new 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 two sediment ponds must have a pond bottom liner with a maximum permeability of 2.9×10^{-7} cm/sec and a thickness of at least one (1) foot or equivalent before the start of operation in accordance with Sheet C4b of the specifications.
7. A complete "Operations and Maintenance (O&M) Manual" of the wastewater treatment system shall be developed 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

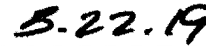
a small construction site, as defined in APC&EC Regulation No. 6. If the construction site will disturb five (5) acres or more, the permittee shall comply with the terms of the Stormwater Construction General Permit Number ARR150000 prior to the start of construction. BMPs must be implemented regardless of the size.

9. This facility is located as follows: Latitude: 33° 3' 32.43" N; Longitude: 93° 51' 19.76" W; South on I-30 to I-49 South, then exit onto Hwy 71 south to Miller County Road 4. The Site is at 2561 Miller County Road 4 and the sedimentation basins are at the bottom of the hill in Miller County, Arkansas.
10. The receiving waters for this facility are an unnamed tributary of the Red River, thence to the Red River in Segment 1B of the Red River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 33° 03' 25.02" N; Longitude: 93° 50' 30.35" W.
11. The construction will include two sediment ponds with a variable flow. Each of the ponds will be 830 feet by 59 feet. The ponds will each have a maximum operating depth of 10 feet and be required to maintain at least two feet of freeboard above the maximum operating depth.
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: May 25, 2019



Caleb J. Osborne
Associate Director
Arkansas Department of Environmental Quality



Issue Date

STATEMENT OF BASIS

For a draft State Construction Permit Number AR0052965.

The issuing office is:

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

The applicant is:

Performance Proppants, LLC
River Ridge Ranch
4802 Benton Road
Bossier City, LA 71111

1. BASIS FOR PERMIT AND CONDITIONS

This permit is your authority to construct the wastewater treatment system in accordance with the permit application and plans and specifications which were received on June 29, 2018. 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.), Arkansas Pollution Control and Ecology Commission (APC&EC) Regulation No. 6.202, NPDES Discharge permit AR0052965, 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 6 is based on Section 93.42 of 2014 Edition of Recommended Standards For Wastewater Facilities (10-SS) and generally accepted scientific knowledge, and engineering practices. Condition 8 is based on 40 CFR Part 122.26. Condition 11 is based on submitted application and Plans and Specifications.

2. PUBLIC NOTICE

The public notice of the draft permit was published for public comment on March 28, 2019. 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 Reg. No. 9.402(A), the fee for issuance of the state construction permit is \$500.

4. SOURCES

1. Application Form 1 and Plans and Specifications dated June 29, 2018, with all additional information received by November 1, 2018.
2. 2014 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.

5. 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:

Loretta Carstens, P.E.
NPDES Branch, Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317
(501) 682-0612