

STATE CONSTRUCTION PERMIT

Permit Number: AR0052345C

TO:

Consulting Engineer:

Halliburton Energy Services, Inc.
Magnet Cove Plant
P.O. Box 10
Malvern, AR 72104

PMI
3512 S. Shackelford
Little Rock, AR 72205

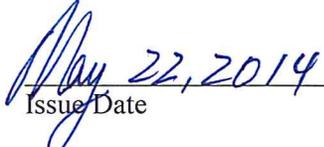
This permit is your authority to construct the wastewater treatment system in accordance with the permit application and plans and specifications which were received on 11/22/2013, with all additional information received by 2/25/2014 under authority of the Arkansas Water and Air Pollution Control Act (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 approved by 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 should be no deviation from the approved 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 Water Division) 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 a State Construction Permit does not guarantee satisfactory operation 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 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 developed by the engineering consultant for the operator's use before the plant is in operation.
7. If the construction site will disturb in excess of one (1) acre, the permittee must comply with the terms of the Stormwater Construction General Permit Number ARR150000 prior to the start of construction. Best Management Practices (BMPs) must be implemented regardless of the size.

8. This facility is located as follows: Latitude: 34° 28' 24" Longitude: 92° 48' 30"; turn north onto AR Hwy 51 from AR Hwy 270, turn right onto Baroid Road and stay right at Darby Lane in Hot Spring County, Arkansas.
9. The receiving waters named: unnamed tributary of Reyburn Creek, thence to Reyburn Creek, thence to Francois Creek, thence to the Saline River, thence to the Ouachita River in Segment 2C of the Ouachita River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 34° 28' 19"; Longitude: 92° 48' 27".
10. The construction will include septic tank, pretreatment tank (where alkalinity will be added as needed), 3 AX20 treatment pods in parallel, 1 AX20 treatment pod to be used as a polishing unit, and UV disinfection located within the polishing AX20 unit with a design flow of 0.0021 MGD. This sanitary wastewater treatment plant will serve a new office building. No process wastewater, acid mine drainage, or stormwater runoff will be permitted to be treated in and discharged from this sanitary wastewater treatment plant.

Effective Date: May 23, 2014


Ellen Carpenter
Chief, Water Division
Arkansas Department of Environmental Quality


Issue Date

STATEMENT OF BASIS

For State Construction Permit Number AR0052345C.

The issuing office is:

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

The applicant is:

Halliburton Energy Services, Inc.
Magnet Cove Plant
P.O. Box 10
Malvern, AR 72104

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 11/22/2013 with all additional information received by 2/25/2014. The issuance of the 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 (APCEC) Regulation No. 6.202, NPDES Discharge permit AR0052345, and 40 CFR 122.26.

Specific permit conditions and their sources are listed as follows:

Conditions 1, 2, 3, 4, 5, 6, 8, and 9 are self-explanatory. Condition 7 is based on 40 CFR 122.26(b)(15). Condition 10 is based on submitted application and Plans and Specifications.

This sanitary wastewater treatment plant will serve a new office building. No process wastewater, acid mine drainage, or stormwater runoff will be permitted to be treated in and discharged from this sanitary wastewater treatment plant.

2. SOURCES

1. Application Form 1 and Plans and Specifications dated 11/22/2013 with all additional information received by 2/25/2014.
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:

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