

CONSTRUCTION PERMIT
Permit Number: AR0021733C

TO:

City of DeQueen
P.O. Box 730
DeQueen, AR 71832

Consulting Engineer:

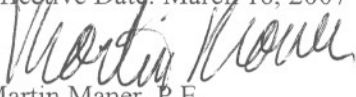
Greg Vaughn, P.E.
403 DeQueen St.
Mena, AR 71953

This permit is your authority to construct or modify the wastewater treatment system in accordance with the permit application and plans and specifications which were received on 10/19/2006. This permit is issued subject to the provisions of the Arkansas Water and Air Pollution Control Act (Act 472 of 1949, as amended, Ark. Code Annotated § 8-4-101 et seq.), and the following terms and conditions:

1. The permittee shall **notify** the Department when construction **begins**. The treatment/disposal system shall be constructed or modified in accordance with the final plans and specifications as approved by the Arkansas Department of Environmental Quality. In case any statement or representation in the aforementioned documents is found to be incorrect, this Approval may be revoked.
2. Within **thirty (30)** days of completion of construction, a Professional Engineer (PE) registered in Arkansas shall submit written certification to the Department (Enforcement Section of the Water Division) that the facility has been constructed or modified in accordance with the approved plans and specifications.
3. This permit is issued in reliance upon the statements and representations made in the application and the plans and specifications. The Department has no responsibility for adequacy or proper functioning of the disposal system. Approval of the plans and specifications by the Department does not constitute assurance that the disposal system will achieve the effluent limitations required by the final NPDES permit, or that a NPDES discharge permit will be issued.
4. If the construction site will disturb in excess of one (1) acre, the permittee must comply with the terms of ARR150000 prior to the start of construction.
5. This facility is located as follows: Latitude: 34° 01' 33" Longitude: 94° 20' 50"; 670 South 9th Street, 1/8 mile south of the intersection of Coulter Avenue and South 9th Street in Section 36, Township 8 South, Range 32 West in Sevier County, Arkansas.
6. The receiving waters named: an unnamed tributary of Bear Creek, thence to Bear Creek, thence to Rolling Fork Creek, thence to the Little River, thence to the Red River in Segment 1C of the Red River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 34° 01' 31"; Longitude: 94° 20' 51".
7. Proposed Construction will include: 1 new bar screen, grit chamber, vertical loop reactor, two primary aeration chambers, two secondary aeration chambers, two secondary clarifiers, a return activated sludge (RAS) conditioning system consisting of 2 fine screens and a series of hydrocyclones, and a Cannibal reactor (existing clarifier) for sludge digestion. The new system will have a design flow of 4.0 MGD. The existing treatment system is: a bar screen, partially aerated lagoon system, secondary clarifier, chlorination, dechlorination, parshall flume, and post aeration with a design flow of 3.4 MGD. The existing treatment system will be used with the new treatment system with the existing lagoon system to be used as an equalization basin.

Issue Date: March 16, 2007

Effective Date: March 16, 2007



Martin Maner, P.E.

Chief, Water Division

Arkansas Department of Environmental Quality

FINAL STATEMENT OF BASIS

for issuance of Construction Permit Number AR0021733C.

The issuing office is:

Arkansas Department of Environmental Quality
8001 National Drive
Post Office Box 8913
Little Rock, Arkansas 72219

The applicant is:

City of DeQueen
P.O. Box 730
DeQueen, AR 71832

1. CONSTRUCTION PERMITTING AUTHORITY

This permit is your authority to construct or modify the wastewater treatment system in accordance with the permit application and plans and specifications which were received on 10/19/2006. This permit is issued subject to the provisions of the Arkansas Water and Air Pollution Control Act (Act 472 of 1949, as amended, Ark. Code Annotated § 8-4-101 et seq.) and Section 6.202 of Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 6.

2. DISCLAIMER

This permit is issued in reliance upon the statements and representations made in the application and the plans and specifications. The Department has no responsibility for adequacy or proper functioning of the disposal system. Approval of the plans and specifications by the Department does not constitute assurance that the disposal system will achieve the effluent limitations required by the final NPDES permit, or that the discharge permit will be issued.

3. CONSTRUCTION PROPOSED IN APPLICATION

The following is a general description of the construction to be permitted, as described in the construction permit application. Proposed Construction will include: 1 new bar screen, grit chamber, vertical loop reactor, two primary aeration chambers, two secondary aeration chambers, two secondary clarifiers, a return activated sludge (RAS) conditioning system consisting of 2 fine screens and a series of hydrocyclones, and a Cannibal reactor (existing clarifier) for sludge digestion. The new system will have a design flow of 4.0 MGD. The existing treatment system is: a bar screen, partially aerated lagoon system, secondary clarifier, chlorination, dechlorination, parshall flume, and post aeration with a design flow of 3.4 MGD. The existing treatment system will be used with the new treatment system with the existing lagoon system to be used as an equalization basin.

4. **RECEIVING STREAM SEGMENT AND DISCHARGE LOCATION**

The receiving waters are named: an unnamed tributary of Bear Creek, thence to Bear Creek, thence to Rolling Fork Creek, thence to the Little River, thence to the Red River in Segment 1C of the Red River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 34° 01' 31"; Longitude: 94° 20' 51".

5. **CONTACT PERSON**

For additional information, contact:

Shane Byrum
Arkansas Department of Environmental Quality
8001 National Drive
Post Office Box 8913
Little Rock, Arkansas 72219-8913
Telephone: (501) 682-0622