

CONSTRUCTION PERMIT
Permit Number: AR0043397C

TO:

City of Rogers
4300 Rainbow Rd.
Rogers, AR 72758

Consulting Engineer:

Black & Veatch
8400 Ward Parkway
Kansas City, Missouri 64114

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 02/12/2007. 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 (ADEQ). 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 discharge 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: 36° 18' 10" Longitude: 94° 13' 00"; go south on Champions Drive from its intersection with I-540 until you come to Northgate Road, turn west on Northgate Road and continue till its tee into Rainbow Road, then go south on Rainbow Road until you reach 4300 Rainbow Road in Section 19 and 30, Township 19 North, Range 30 West in Benton County, Arkansas.
6. The receiving waters named: Osage Creek, thence to the Illinois River in Segment 3J of the Arkansas River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 36° 18' 07"; Longitude: 94° 12' 58".

7. Proposed construction will consist of a new headworks facility including 2 screens, grit removal facilities, influent flow measurement, and odor control, a 5 stage Biological Nutrient Removal (BNR) process and division boxes, a sludge pumping station and division box, final clarifiers for each of the 3 trains, a traveling bridge filter with 3 beds and sand media, a 60-inch Parshall flume, and an outfall pipe. The new outfall pipe will be at the same location as the existing outfall pipe. The following existing equipment will be modified: Pressure Swing Adsorption (PSA) System, oxygen injection box, chemical feed system, and new aerators in the two existing trains. The following existing items will be taken out of service once construction is complete: existing headworks facility, final clarifiers for the 2 existing trains, Parshall flume, and outfall pipe. The existing treatment system is: flow equalization, screening, grit & scum removal, five stage Bardenpho activated sludge/BNR, final clarifier, chlorination, dechlorination, and postaeration. The addition of the new train will increase the design flow to 14 MGD.

Issue Date: June 30, 2007

Effective Date: June 30, 2007

Steven L. Drown
Acting Chief, Water Division
Arkansas Department of Environmental Quality

STATEMENT OF BASIS

for issuance of Construction Permit Number AR0043397C.

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 Rogers
4300 Rainbow Rd.
Rogers, AR 72758

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 10/01/2004. 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 consist of a new headworks facility including 2 screens, grit removal facilities, influent flow measurement, and odor control, a 5 stage Biological Nutrient Removal (BNR) process and division boxes, a sludge pumping station and division box, final clarifiers for each of the 3 trains, a traveling bridge filter with 3 beds and sand media, a 60-inch Parshall flume, and an outfall pipe. The new outfall pipe will be at the same location as the existing outfall pipe. The following existing equipment will be modified: Pressure Swing Adsorption (PSA) System, oxygen injection box, chemical feed system, and new aerators in the two existing trains. The following

existing items will be taken out of service once construction is complete: existing headworks facility, final clarifiers for the 2 existing trains, Parshall flume, and outfall pipe. The existing treatment system is: flow equalization, screening, grit & scum removal, five stage Bardenpho activated sludge/BNR, final clarifier, chlorination, dechlorination, and postaeration. The addition of the new train will increase the design flow to 14 MGD.

4. RECEIVING STREAM SEGMENT AND DISCHARGE LOCATION

The receiving waters are named: Osage Creek, thence to the Illinois River in Segment 3J of the Arkansas River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 36° 18' 07"; Longitude: 94° 12' 58".

5. PUBLIC NOTICE

In accordance with Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 8, the public notice will be published by ADEQ in a newspaper of general circulation for one (1) day only. The public comment period will begin on the date of publication and will end no sooner than 30 days from that date. Comments must be received at ADEQ prior to the close of the public comment period.

6. 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
Post Office Box 8913
Little Rock, Arkansas 72219-8913
(501) 682-0622