

STATE CONSTRUCTION PERMIT
Permit Number: AR0020010C

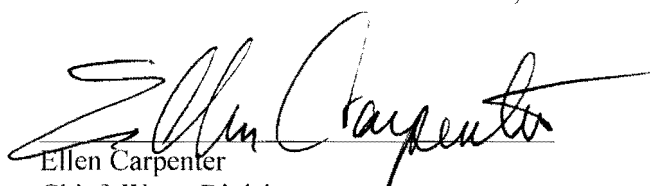
TO:	Consulting Engineer:
City of Fayetteville Paul R. Noland Wastewater Treatment Plant 113 W. Mountain Fayetteville, AR 72701	CH2M Hill 12750 Merit Drive Dallas, TX 75251

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 7/7/2014 with additional information received 7/15/2014 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 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. 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 modification of an existing 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 "Operations and Maintenance (O&M) Manual" for the wastewater treatment system shall be updated by the engineering consultant for the operator's use before the Ozone disinfection unit 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: 36° 04' 50.6" Longitude: 94° 05' 20.4"; from downtown Fayetteville north on Hwy 71B, then east on Hwy 45 to Fox Hunter Road, then 1.7 miles on North Hunter Road in Washington County, Arkansas.
9. The receiving waters named: White River thence to Beaver Reservoir in Segment 4K of the White River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 36° 05' 09.6"; Longitude: 94° 05' 04.7".
10. The construction of the ozone disinfection system will include oxygen concentrators (generators), an oxygen buffer tank, ozone generator and heat exchange equipment, an ozone dissolution and injection system, an ozone destruct unit, process piping, valves, instrumentation, controls and ancillary equipment. The majority of the ozone disinfection system will be located within the old chlorination building. The ozone dissolution and injection system will be located on the old chlorine contact basins. The existing treatment system is: coarse screens, fine screens, grit chamber, advanced biological nutrient removal system utilizing anoxic and aerobic zones, alum precipitation(optional), secondary clarifiers, sand filters, UV disinfection units, and oxygenation. The design flow of 12.6 MGD will not be changing with this modification. The UV disinfection system will remain on site for emergency use.

Effective Date: November 5, 2014



Ellen Carpenter
Chief, Water Division
Arkansas Department of Environmental Quality



Issue Date

STATEMENT OF BASIS

For State Construction Permit Number AR0020010C.

The issuing office is:

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

The applicant is:

City of Fayetteville
Paul R. Noland Wastewater Treatment Plant
113 W. Mountain
Fayetteville, AR 72701

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 7/7/2014 with additional information received 7/15/2014. 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 AR0020010C, and 40 CFR 122.26.

Specific permit conditions and their sources are listed as follows:

Conditions 1, 2, 3, 4, 5, 6, 8, 9, and 10 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.

2. SOURCES

1. Application Form 1 and Plans and Specifications dated 7/7/2014 with additional information received 7/15/2014.
2. 2004 Edition of Recommended Standards for Wastewater Facilities (10-SS).
3. APC&EC Regulation No. 6 which incorporates by reference certain federal regulations included in Title 40 of the Code of Federal Regulations at Reg. 6.104.
4. APC&EC Reg. 8 and Reg. 9
5. A.C.A. §8-4-217(b)(1)(C)
6. 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