

# ADEQ

ARKANSAS  
Department of Environmental Quality

January 16, 2008

**CERTIFIED MAIL: RETURN RECEIPT REQUESTED (7005 1160 0000 3832 5788)**

Gary Smith  
City of Van Buren - Main Plant  
P.O. Box 1269  
Van Buren, AR 72957

Re: State Construction Permit Number AR0021482C

Dear Mr. Smith:

Enclosed is the public notice, Statement of Basis, and a copy of the draft construction permit that the Arkansas Department of Environmental Quality has prepared, as required by Act 163 of 1993.

All draft construction permits prepared by this Department must complete a 30 day public notice period. The enclosed public notice will be published by ADEQ in a newspaper of general circulation. Act 163 of 1993 requires the permit applicant to bear the expense of the notice's publication. Therefore, an invoice for the cost of publishing the public notice and proof of publication will be sent to you by the advertising newspaper. The permittee must send proof of publication and payment to:

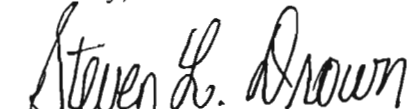
Arkansas Department of Environmental Quality  
NPDES-Water Division  
5301 Northshore Drive  
North Little Rock, AR 72118-5317  
501-682-0622 Fax: 501-682-0910

Until this Department receives proof of publication of the public notice, no further action will be taken on the issuance of your construction permit.

Comments must be received at ADEQ prior to the close of the public comment period as shown in the enclosed public notice. Under the provisions of Act 163, all persons, including applicants, who believe any condition of a draft permit is inappropriate must raise all reasonably ascertainable issues and submit all reasonably available arguments supporting their position by the close of the public comment period.

Should you have any questions concerning any part of the draft permit, please contact the Arkansas Department of Environmental Quality, NPDES Branch, at (501) 682-0622.

Sincerely,



Steven L. Drown  
Chief, Water Division

SD:lr

Enclosure

NPDES PERMIT FILE  
NPDES # AR0021482C  
AFIN # 17-00002  
Permit PN  
✓ Correspondence  
Technical Backup  
1/15/08 V# Date Scanned

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK / ARKANSAS 72118-5317 / TELEPHONE 501-682-0744 / FAX 501-682-0880

www.adeq.state.ar.us

**PUBLIC NOTICE OF DRAFT CONSTRUCTION PERMIT  
CONSTRUCTION PERMIT NUMBER AR0021482C, AFIN 17-00062**

January 16, 2008

This is to give notice that the Permits Branch of the Water Division of the Arkansas Department of Environmental Quality (ADEQ), 5301 Northshore Drive, North Little Rock, Arkansas 72118-5317 at telephone number (501) 682-0622, proposes a draft construction permit for which an application was received on 10/31/2007 with all additional information received by 12/05/2007 in accordance with Regulation No. 6.

Applicant: City of Van Buren - Main Plant. Location: 1401 Port Road, Van Buren, AR 72956, approximately 1/2 mile south of I-540 overpass off Highway 59 South; Latitude: 35° 25' 9.04"; Longitude: 94° 20' 19.35" in Crawford County, Arkansas.

The discharge from this existing facility is made into the Arkansas River in Segment 3H of the Arkansas River Basin. The outfall is located at Latitude: 35° 25' 3.27" Longitude: 94° 20' 27.18". The receiving stream is not listed on the 303(d) list.

Proposed construction will include a new screening unit, two new 60' diameter secondary clarifiers, UV disinfection unit, flow monitoring equipment, and standby power source. The existing aerated lagoon will be modified to an activated sludge unit consisting of two aerated basins (combined surface area of 56,292 square feet), aerobic sludge storage (surface area of 46,354 square feet), and an equalization basin (surface area 167,777 square feet). The existing screening unit and the chlorine disinfection unit will both be taken out of service. Existing treatment consists of a screening unit, 4-cell aerated lagoon system with chlorine disinfection and dechlorination. The design flow will be increasing to 4.0 MGD from 3.1 MGD upon completion of construction and the modifications.

Under the Standard Industrial Classification (SIC) Code 4952 and the North American Industry Classification System (NAICS) code of 221320, the applicant's activities are the operation of a sewage treatment plant.

ADEQ's contact person for submitting written comments, requesting information regarding the draft permit, or obtaining copy of the permit and the Statement of Basis or Fact Sheet is Loretta Reiber, P.E., at the above address and telephone number. For those with Internet access, a copy of the proposed draft permit may be found on the ADEQ's website at: [http://www.adeq.state.ar.us/water/branch\\_npdes/pn\\_permits/pnpermits.asp](http://www.adeq.state.ar.us/water/branch_npdes/pn_permits/pnpermits.asp).

The permit will become effective no sooner than two weeks after the close of the comment period (February 16, 2008) unless comments are received and/or a public hearing is requested prior to the close of the comment period requiring a delay of the effective date. Comments and public hearing procedures may be found at 40 CFR Parts 124.10 through 124.12 and Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 8. All persons, including the permittee, who wish to comment on ADEQ's draft permitting decision, must submit written comments to ADEQ, along with their name and mailing address. After the public comment period, and public hearing, if one is held, ADEQ will issue a final permitting decision. A Public Hearing will be held when ADEQ finds a significant degree of public interest. ADEQ will notify the applicant and each person who has submitted written comments or requested notice of the final permitting decision. Any interested person who has submitted comments may appeal a final decision by ADEQ in accordance with the APCEC Regulation No. 8 (Administrative Procedures).

## STATEMENT OF BASIS

for issuance of a draft State Construction Permit Number AR0021482C.

The issuing office is:

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

The applicant is:

City of Van Buren - Main Plant  
P.O. Box 1269  
Van Buren, AR 72957

### 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 10/31/2007. 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 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 a new screening unit, two new 60' diameter secondary clarifiers, UV disinfection unit, flow monitoring equipment, and standby power source. The existing aerated lagoon will be modified to an activated sludge unit consisting of two aerated basins (combined surface area of 56,292 square feet), aerobic sludge storage (surface area of 46,354 square feet), and an equalization basin (surface area 167,777 square feet). The existing screening unit and the chlorine disinfection unit will both be taken out of service. Existing treatment consists of a screening unit, 4-cell aerated lagoon system with chlorine disinfection and dechlorination. The design flow will be

increasing to 4.0 MGD from 3.1 MGD upon completion of construction and the modifications.

The permittee must continue to use chlorine disinfection until the discharge permit has been modified to allow for the operation of the UV disinfection unit. This condition has been added to the permit because the TSS limit in the permittee's current NPDES permit is 90 mg/l and the UV disinfection will not function properly at that level.

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

The receiving waters are named: Arkansas River in Segment 3H of the Arkansas River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 35° 25' 3.27"; Longitude: 94° 20' 27.18".

#### **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  
5301 Northshore Drive  
North Little Rock, Arkansas 72118-5317  
(501) 682-0622

DRAFT STATE CONSTRUCTION PERMIT  
Permit Number: AR0021482C

TO:

City of Van Buren - Main Plant  
P.O. Box 1269  
Van Buren, AR 72957

Consulting Engineer:

Hawkins-Weir Engineers, Inc.  
P.O. Box 648  
Van Buren, AR 72957-0648

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 10/31/2007 with all additional information received by 12/05/2007. 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: 35° 25' 9.04" Longitude: 94° 20' 19.35"; approximately 1/2 mile south of I-540 overpass off Highway 59 South in Section 31, Township 9 North, Range 31 West in Crawford County, Arkansas.
6. The receiving waters named: Arkansas River in Segment 3H of the Arkansas River Basin. The outfall is located at the following coordinates: Outfall 001: Latitude: 35° 25' 3.27"; Longitude: 94° 20' 27.18".
7. Proposed Construction will include a new screening unit, two new 60' diameter secondary clarifiers, UV disinfection unit, flow monitoring equipment, and standby power source. The

existing aerated lagoon will be modified to an activated sludge unit consisting of two aerated basins (combined surface area of 56,292 square feet), aerobic sludge storage (surface area of 46,354 square feet), and an equalization basin (surface area 167,777 square feet). The existing screening unit and the chlorine disinfection unit will both be taken out of service. Existing treatment consists of a screening unit, 4-cell aerated lagoon system with chlorine disinfection and dechlorination. The design flow will be increasing to 4.0 MGD from 3.1 MGD upon completion of construction and the modifications.

8. The permittee must continue to use chlorine disinfection until the discharge permit has been modified to allow for the operation of the UV disinfection unit.

Issue Date:

Effective Date:

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