



## DIVISION OF ENVIRONMENTAL QUALITY

Sarah Huckabee Sanders  
GOVERNOR

Shane E. Khoury  
SECRETARY

January 15, 2025

Kathryn Bartlett  
Benton County, Arkansas Suburban Sewer District No. 1 - Villages of Cross Creek  
PO Box 9299  
Fayetteville, AR 72703

Re: Permit No.: 4811-WR-5; AFIN: 04-00899

Dear Mrs. Bartlett:

The Arkansas Department of Energy and Environment - Division of Environmental Quality (DEQ), Office of Water Quality received an application for a no-discharge renewal on May 4, 2020. In accordance with DEQ policy, your application has been reviewed and determined to be technically incomplete. On August 4, 2021, DEQ identified deficiencies in your permit renewal application. You provided a partial response on October 13, 2021.

On October 11, 2024, you stated that your October 13, 2021 response and your October 29, 2021 Corrective Action Plan address all of the deficiencies that DEQ noted. DEQ does not agree with your statement and provides this letter to indicate the deficiencies in your application. The deficiencies are described in the attachment to this letter. Information to satisfy the deficiencies must be received by DEQ no later than **two weeks from the date of this letter** before processing of your application can continue.

If you find that you are unable to meet the deadline, you may request a reasonable extension by contacting No-discharge Permits Section at 501-682-0929 or by email to [EE.WaterPermitApp@arkansas.gov](mailto:EE.WaterPermitApp@arkansas.gov). The request for extension shall include your anticipated schedule and a written explanation of the cause for delay or necessity for additional time. DEQ will inform you whether your request is approved, denied, or approved with an alternative deadline.

Upon receipt of the information requested in the attachment to this letter DEQ will again evaluate your application to determine technical completeness, and if complete, processing of your application will continue. If you neither provide the requested information nor communicate with DEQ as described above, your application will be forwarded to the Enforcement Branch of the Office of Water Quality.

Thank you for your cooperation in this matter. If there are any questions concerning this communication, please contact Katherine McWilliams, P.E. at (501) 682-0651 or by email at [katherine.mcwilliams@arkansas.gov](mailto:katherine.mcwilliams@arkansas.gov).

Sincerely,

 

Katherine McWilliams, P.E.  
Engineer, Permits Branch  
Office of Water Quality, DEQ

Terry Liu, Ph.D., P.E.  
Engineer Supervisor, Permits Branch  
Office of Water Quality, DEQ

cc: Electronic Files

Benton County, Arkansas Suburban Sewer District No. 1 - Villages of Cross Creek  
Permit No. 4811-WR-5  
AFIN 04-00899

### Deficiencies

1. The October 13, 2021, response letter states that these items would be included with the Corrective Action Plan (CAP). However, the CAP does not provide the items required by the previous technical incompleteness letter and indicates that they will be provided later. Provide a revised Waste Management Plan (WMP) that addresses the items listed below.
  - a. If an interceptor drain is proposed, design plans and specifications must be submitted to DEQ. The CAP did not include any reference to a proposed interceptor drain.
  - b. A process flow diagram should be submitted showing the treatment train of this facility with additional notes indicating the changes that have been made to the system since the last permit was issued as well as the proposed changes to be included with the renewal of the permit.
  - c. The drip fields need to be reevaluated to show an acceptable loading rate for each field. The proposed soil loading rate for each zone must be approved by DEQ and the Arkansas Department of Health. An average loading rate across all zones is not acceptable. The CAP proposed using the most limiting soil loading rate for each zone based on the existing soil investigations. A revised WMP was not submitted with the proposed soil loading rates or a new geotechnical investigation signed and stamped by a Professional Soil Classifier in Arkansas.
  - d. Updated maps should be provided showing the treatment system location, all of the primary fields, all of the reserve fields, and all of the proposed locations for new primary and reserve fields. DEQ is aware that there are storm drain inlets located within active drip fields at this facility. All storm drains and piping, wetted areas, or waters of the state should be clearly identified in all areas, including the proposed areas. The maps should also include the layout of the drip irrigation system lines in each field and the location of all soil test pits for each zone.
  - e. Based on the documented non-compliance including surfacing effluent, the permittee must immediately prepare design plans and specifications and provide a schedule for construction and operation in the reserve irrigation fields or new primary fields.
  - f. Proof of ownership or control of land (**including the treatment facility, primary irrigation fields, and reserve fields**) must be submitted to the Division for all land to be permitted for waste utilization under the WMP. The permittee has not submitted any proof of ownership or control of land for any proposed new primary or reserve fields.
  - g. The initial soil reports and Geoflow sizing charts previously submitted must be included in the revised WMP. The soil reports and sizing of all of the proposed new primary and reserved fields must also be submitted.
2. Applicants for new permits or **permit modifications** must notify the Arkansas Department of Health Division of Engineering that a permit application has been submitted to the Division of Environmental Quality. This notice must include a complete set of maps (as described in Part III.5.b of the application) indicating the location of the facility and a description (type, size, etc.) of the operation. The notice should be mailed to:

Arkansas Department of Health  
Engineering Division, Slot# 37  
4815 West Markham Avenue  
Little Rock, AR 72205

3. A revised Non-municipal Domestic Sewage Treatment Works Trust Fund Requirement Form must be submitted for the facility and should include the proposed changes and repairs planned for the system. The trust fund form submitted with the renewal application states that the facility has no planned repairs, upgrades, capital expenditures, or significant repairs in the next five years; however this is not the case based on the latest revised WMP submitted to DEQ.