



ARKANSAS

ENERGY & ENVIRONMENT

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (9489 0090 0027 6226 5220 63)

August 4, 2021

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

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

Dear Ms. Bartlett:

The application for a permit was received on May 4, 2020, with additional information received on June 30, 2020, and March 12, 2021. In accordance with DEQ policy, your application has been reviewed and determined to be technically incomplete. The deficiencies are described on the reverse of 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 begin.

If you find that you are unable to meet the deadline, you may:

1. If you find that you are unable to meet the deadline provided above, you may request a reasonable extension by contacting the Engineering Supervisor of the No-discharge Permits Section or by email to water-permit-application@adeq.state.ar.us. Please provide your anticipated schedule and an explanation of the cause for delays in writing. DEQ will inform you whether your request is approved, denied, or may provide an alternative deadline.
2. Request by certified mail (as described previously) or email to water-permit-application@adeq.state.ar.us to withdraw your permit application until you have satisfied the requirements and then reapply at a later time.

If you neither provide the requested information nor communicate with DEQ as described above, your application may be placed in an inactive status.

Upon receipt of the information requested on the reverse of this page, your application will be determined to be complete, and processing of your application will continue.

Thank you for your cooperation in this matter. If there are any questions concerning this submittal, please contact me at (501) 682-0627 or by email at cousins@adeq.state.ar.us.

Sincerely,

A handwritten signature in black ink that reads "Sarah Cousins".

Sarah Cousins
Engineer, Permits Branch
Office of Water Quality

A handwritten signature in black ink that reads "Jamal Solaimanian".

Jamal Solaimanian, PhD, PE
Engineer Supervisor, Permits Branch
Office of Water Quality

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. No plans have been submitted to modify the No-Discharge Permit to add the interceptor drain as recommended by the consultant and referenced in the revised WMP submitted to the OWQ. The size and design of this drain must be submitted to the OWQ and this area should be identified on a map and a deed or lease should be provided for the area. If the interceptor drain is proposed on land currently functioning as drip irrigation fields, this will affect the overall calculations for the required irrigation area and must be approved by DEQ.
2. Updated maps should be provided showing the treatment system location, all of the primary fields and all of the 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. 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.
3. 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.
4. Provide the type of soil(s) in the drip irrigation fields (primary and reserve) as well as the geotechnical analyses for each field and each test site based on certified reports signed and stamped by a Professional Soil Classifier in Arkansas. Field information should include the depth and duration of the seasonal water table.
5. The drip fields need to be reevaluated to show an acceptable loading rate for each field. The 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.
6. The revised WMP submitted in March 2021, states that Geoflow sizing charts and calculations were included with the technical specifications with the initial permit application. Please submit this information to DEQ for review.
7. 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.
8. The Response to the Summary of Findings submitted by the Permittee with the revised WMP proposed several repairs to the system to meet the permit requirements. No proof has been submitted that the system repairs have been made. These items include the required fencing and signage posted for the irrigation fields, and the repair of the flow meter for drip field Zones 1-3.
9. It is the responsibility of the Permittee to maintain the reserve drip irrigation fields in a condition to be used upon failure of the primary drip irrigation fields. DEQ was not notified that any zones were not owned or leased by the Permittee. Based on ownership uncertainties and 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.
10. 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 waste management plan.

- a. For land owned by the applicant, a copy of the deed (or other legal document proving ownership) must be submitted.
 - b. For land leased by the applicant, a copy of the lease agreement with the landowner granting control of the land for the purpose proposed in the application must be submitted.
 - c. **For land that is neither owned nor leased by the permit applicant, a land use contract must be submitted on DEQ approved forms.**
11. 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