



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

COOKEVILLE ENVIRONMENTAL FIELD OFFICE
1221 SOUTH WILLOW AVENUE
COOKEVILLE, TN 38506

PHONE 931-520-6688 STATEWIDE 1-888-891-8332 FAX 931-432-6952

June 26, 2024

Mr. Robert Cooper, Director of Maintenance
Allardt Elementary School
1011 Old Hwy 127 South
Jamestown, TN 38556

Re: Compliance Evaluation Inspection
State Operating Permit No. SOP-97013
Fentress County Board of Education
Allardt School
Allardt, Fentress County, Tennessee

Dear Mr. Robert Cooper,

On June 18, 2024, Division of Water Resources personnel conducted a Compliance Evaluation Inspection for SOP-97013 associated with the facility at latitude 36.378611 longitude -84.881389. The purpose of the inspection was to evaluate compliance with the State Operating Permit for the operation, maintenance, and reporting requirements of the permit.

The coverage under Permit No. SOP-97013 became effective January 1, 2020, and will expire December 13, 2024. Currently the permit has requirements for the monthly operation reports to be submitted to the Cookeville Environmental Field Office quarterly. The permittee is not authorized to discharge after the expiration date of this permit. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit such information and forms as are required to the Director of Water Resources (the "Director") no

later than 180 days prior to the expiration date. This letter serves as a Compliance Evaluation Inspection report.

Facility Review

The Allardt School Wastewater Treatment Facility in Fentress County, Tennessee includes a septic tank, recirculating sand filter, ultraviolet disinfection and drip irrigation system. The design capacity of the system is .01 MGD. At the time of inspection, the facility appeared to be well maintained and in good operating condition.

The recirculating sand filter and UV disinfection appeared well maintained and replacement bulb for the UV were readily available. The drip irrigation field was well maintained with no areas of it being overgrown. There was no evidence of ponding or other failures present within the drip field. There was proper signage present on the fence around the treatment area as well as on the gate leading to the drip field.

There was some ponding present around and below the tank at the drip field, but this appeared to be a result of surface water from up slope and/or water channeling from the old tank that is up slope of the current tank. Recommendations to address this issue were made on site and will be stated below for reference.

Reporting

The quarterly monitoring reports for the facility have been mailed directly to the Cookeville Environmental Field Office, and the operator has been asked to continue this practice. For each quarter, the average daily flow, Ammonia as N, and BOD₅ have been reported as per the requirements set in the permit. The results reported quarterly for these values have been well within the permit limits. The facility is also testing for E. Coli and reporting those results as well. The requirement for reporting E. Coli is not present in the permit as the drip field is fenced, but all reported values have been well under the standard maximum value set in State Operating Permits. It is recommended that these sampling and reporting practices continue with the option to remove E. Coli from the reported testing.

Recommended Actions

- Mowing the drip irrigation field with something that has turf tires instead of with a tractor to help prevent any damage to the drip field.
- Fill small holes/ruts in with suitable topsoil.
- Mark all supply and return boxes allowing them to be easily located.
- Divert surface water around both the old and new tanks. Also consider filling in old tank where it appears to have fallen in.

We extend our thanks to Mr. Robert Cooper and Mr. Michael Ledbetter for their time and courtesy during the inspection. If there are any questions concerning this correspondence, please notify Angelle Conatser at 931-952-8081 or via email at angelle.conatser@tn.gov.

Sincerely,



Brad Ulmer
Environmental Field Office Manager
Division of Water Resources
Cookeville Environmental Field Office

Cc: DWR EFO File (Fentress Co.)
Mr. Robert Cooper - Robert.Cooper@fentressboe.com
Mr. Michael Ledbetter - mledbetter@twlakes.net