



2022 Performance Annual Report

1. General Information

Facility Name: Cooleemee WWTP
Responsible Person: Timothy L. Smith
Mailing Address: 298 E. Depot Street Suite 200 Mocksville, NC 27028
Phone: 336-284-6680/336-753-6090
Permit Number(s): NC0024872

Description of Treatment: Automatic Bar Screen, two 1.5 mg aeration basins, two clarifiers which are currently being utilized for solid retention and treatment. One 3mg basin(out of service) and one 1.5mg basin, one 220,000 gallon aerobic digester, Chlorine Gas disinfection contact basin followed by a dechlorination basin using Sulfur Dioxide gas.

II. Performance

Summary of Performance: (list all violation, corrective actions, improvements, etc.)
One violation in 2022 was on August 11 (high Fecal Coliform) due to plugged water line feeding the chlorine system. A water meter was plugged up restricting flow, repaired with a pressure reducing valve. Due to being recognized as an Exceptionally Performing Facility, our sampling frequencies have been reduced for BOD, TSS and Fecal Coliform from 3x week to 2x week. A total of 721.24 dry tons of residuals were land applied to 6 fields totaling 114.41 acres.

III. Notification

State how customers/users have been provided access to this report (mailing, posted, etc.)
Each customer will receive a notice in the by-monthly water bills notifying customers the report will be available online at www.daviecountync.gov also available in our office located at 298 E Depot Street Mocksville NC. 27028.

IV. Certification

Sign and date to certify that the reports are accurate and complete:

Timothy L. Smith 2-13-2023
Signature of Permitted Date

Mail original and two copies to:
System Performance Annual Report
NC Division of Water Quality

1617 mail Service Center
Raleigh, NC 27699-1617