



# 2017 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 0.75 mg aeration basins, two clarifiers which are currently being utilized for solid retention and treatment. One 3mg basin and one 1.5mg basin, one 220,000 gallon aerobic digester, Chlorine Gas disinfection contact basin followed by a dechlorination basin using sulphur dioxide gas.

## II. Performance

Summary of Performance: (list all violation, corrective actions, improvements, etc.)  
Heavy Rain event created flooding conditions on plant during the period April 24-26. Only two samples taken this week. No solids of significance were lost as all aerators and mixers were off, plant flooded out by river being so full. BOD removal efficiency were 99% and TSS removal at 97% for the year. 246.28 dry tons were land applied in 2017.

## 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](http://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 1-22-18