



# 2016 Performance Annual Report

## 1. General Information

**Facility Name:** Cooleemee WWTP  
**Responsible Person:** Timothy L. Smith  
**Mailing Address:** P.O. Box 768 Cooleemee, NC 27014  
**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 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.)  
Effluent flow meter stopped working on November 20. Estimated flows 20-28 until new meter installed on 11-29. Low PH reading on effluent of 5.8 on 12-20 due to caustic pump malfunction, new pump installed and PH back up to 7.1 on 12-21. BOD efficiency removal rate 99% and TSS efficiency removal rate 95% on average each month. No big capital improvements this year.

## 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      2-21-17