



# 2014 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. One clarifier in use with one on standby. 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.)

In the month of March 2014, the week of 17-21, we had a Notice of Violation for exceeding our BOD weekly limit. The weekly BOD limit is 45 mg/l average and we had a 63.67 mg/l, this may have been due in part to an ice storm in the area which was preceded by heavy rains. Clarifier #2 was completely renovated this year and currently on-line performing well. A new 400 gallon caustic tank was installed at the bar screen influent of plant to help control ph of the treatment process. No public complaints of odors were reported or noticed by staff. Every effort and improvement will be continually made to increase the plant's efficiency and treatability to meet our permit limits and lower impact on the environment.

## 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:

Nemah L Smith  
Signature of Permitted

2-5-15  
Date

Mail original and two copies to:  
System Performance Annual Report  
NC Division of Water Quality  
1617 Mail Service Center  
Raleigh, NC 27699-1617