



2020 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

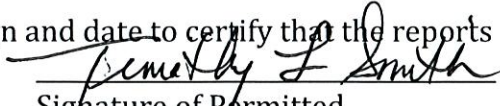
Summary of Performance: (list all violation, corrective actions, improvements, etc.)
February 7-8 the plant was flooded due to heavy rains and storms. Stopped aerators & mixers during the event. Back to normal operation the 9th. On November 13(Tropical Storm Eta) the plant was devastated with unprecedented rainfall and high river levels, The 3mg basin was damaged beyond repair, lost both samplers and several flow meters. The lab and office areas were flooded with river water 3-4' depth resulting in the loss of paperwork and lab equipment. Repairs will be on going. Both events were reported to State officials and FEMA has been on site. The plant was back in operation November 16. Other than these 2 major events, the plant has performed well in 2020.

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:


Signature of Permitted

3-10-2021
Date

Mail original and two copies to: