

Davie County Public Utilities

Wastewater Collection

Annual Performance Report for 2022

General Information: County of Davie
Responsible Person: Bradley Prevette
Christopher Strickland back up ORC

Mailing address: 298 E Depot St. Suite 200 Mocksville NC. 27028
Phone Number: 336-753-6090
Permit Number: WQCS00106
Description of System: Gravity, Force mains, Submersible
Pump stations

Description:

Wastewater collection and treatment facilities require highly-skilled staff to operate and maintain them effectively and efficiently. Wastewater collection personnel are certified through the Water Pollution Control Systems Operators Certification Commission and are governed by N.C. State Law and regulations administered through NCDENR.

Davie County operates a collection system that includes 11 pump stations: 12.5 miles of force main; 19.80 miles of gravity sewer 1.69 miles of 10" gravity sewer and 0.63 miles of 18" inch gravity sewer. Pumping an average daily flow of 290,000 gpd (Gallons Per day) through new East Davie pump station to Forsyth County Utilities.

Performance:

Davie County over flows are caused by blockages from either grease or debris in the sewer lines. Davie County Completed a \$15,000,000 sewer extension project. This Project expanded the capacity for the Eastern portion of Davie County to 2,500,000 gallons per day. This project consisted of installing new sewer force main to the Muddy Creek waste water treatment plant. Davie County also is upgrading the SCADA system on all lift stations throughout the County. This is a

multi-year project that began in 2020. Davie County has received no civil penalties for SSO's in 2022. The collection system is seeing a large amount of flushable wipes and grease debris. Davie County has increased the monitoring levels of grease traps and the maintenance of these systems. The new system pumping to Forsyth County is operational and working well.

Notification:

Each customer will receive a notice on the bi-monthly water bills notifying customers the report will be available online at; <http://www.daviecountync.gov/750/Consumer-Reports>, also available in our office located at 298 E Depot Street Mocksville NC. 27028. Davie County operates a government access channels on TWC channel 6 and Yadkin Valley Telecom channel 25. This also provides great information that runs on a loop for FOG (Fats Oils and Grease).

We are excited to bring this 2022 system annual performance report to you and look forward to making 2023 an even better year in the performance of our system.

Certification

Sign and date to certify that this report is accurate and complete:

Sign Bradley Prentiss Date 2-13-2023