

# 2017 ANNUAL REPORT

## WAYNE COUNTY COLLECTION SYSTEM

### PERMIT: WQCS00211

Wayne County operates a wastewater collection system under permit WSQC00211, issued by the N.C. DEPARTMENT OF ENVIRONMENTAL QUALITY. This system consists of approximately 3.37 linear miles of gravity sewer lines, 5.86 linear miles of force mains, 2 duplex pump stations, and all associated piping, valves, and appurtenances necessary to operate a wastewater collection system for Wayne County.

During the year, 2017, this collection system was operated in compliance with all regulations applied to it by NCDEQ. This system had **NO SSO's (Sanitary Sewer Overflows)**, meaning that no wastewaters escaped from the system. Our pump stations are inspected daily but also are telemetry equipped. Each of our duplex pumping stations has two pumps that alternate in operation and have a backup generator to operate in case of power failure.

Wastewater collected by this system is pumped to the Goldsboro Waste Water Treatment Plant where it is treated and discharged into the Neuse River.

Over the past five years, Wayne County has expended considerable resources studying and inspecting the collection system in an effort to reduce stormwater inflow and groundwater infiltration into the system. Also in 2017, Wayne County has begun the process of working with Withers Ravelin Engineers to design/ replace the existing Pump Station #2 (US Hwy.117 South Station) due to being in a low lying flood prone area. Using funding provided by the Golden Leaf Grant that the County received after Hurricane Matthew. Wayne County is also at this time working with Municipal Engineering and T.A. Loving on installing approximately 6 miles of 4" and 8" combined force mains to serve two Schools in the Grantham Community. Grantham Elementary and Grantham Middle will each have their own pump stations and backup generators as well as rehabilitating an existing pump station at the Wayne County Landfill that will help to serve the 2 schools new pump stations. The Wayne County gravity sewer lines are cleaned and inspected at a rate of ten percent per year. Also in 2018, the 5-Year Capital Improvement Plan for the collection system will be updated.

Should you have any questions, please contact Wayne County, by mail at 804C Corporate Drive, Goldsboro NC 27530; by telephone at 919-731-1168; or visit us at [www.waynegov.com](http://www.waynegov.com)