

TOWN OF WINGATE ANNUAL COLLECTIONS SYSTEM PERFORMANC REPORT 2019

GENERAL IMFORMATION

System Name: Town of Wingate
System ID #: WQCS 00345
ORC : Eugene G. Jones CS – 4 # 991931
Office: (704) 233-4042

DESCRIPTION:

The Town of Wingate's Collection System is comprised of approximately 22.6 miles of sewer line/ 1 mile of force main/ and 1 sewer lift station. The system conveys wastewater to the Union County's Collection System, then on to the City of Monroe waste water treatment plant. Wingate's system is classified as a CS-2 by the State of North Carolina.

PERFORMANCE:

A sanitary sewer overflow, or SSO, is defined by the State as a spill of untreated wastewater of 1000 gallons or more on the ground, or any amount that reaches the water of the State, (stream, creek, river, etc.) In 2019, we had no reportable spills.

1. On more than one occasion in 2019 our Diane Pump Station outfall has been flooded out due to heavy rain. The outfall which runs beside a creek all the way to Lefsey Dr. I have made several trips to the outfall during heavy rain storms and noticed the outfall underwater as well as the manholes. This causes our pump station to run 24 Hrs. in a day or for several days until our flow drops and the station can catch up. I have not seen any sewer running into the creek just creek water running into our sewer system. We have had several blockages this year but have caught them all before they could spill into any creek or roadway. If any solids made it to the ground we immediately cleaned the area and spread out lime.



MAINTANCE AND REFURBISHMANT:

In 2019, Town Staff cleaned approximately 3.2 miles of sewer main with the jet machine. The crew bush hogged all of the right of ways three times during the year and checked various manholes for any issues that would cause any blockages, root infiltration, or damaged manholes due to age, etc. All were found to be in good or fair condition. The outfall behind the Dianne St. Pump Station has issues with I&I which causes our station to run a lot during heavy rain events. The Town Board gave us funds to rehab the entire outfall from the Pump Station to Lefsey Dr. so in May Carolina Management Team (CMT) rehab 16 manholes inside and out and 2 additional manholes at the end of Burris St. In July we have a project starting where, with the County, we are laying several hundred feet of sewer line which will take our Pump Station off line.

The lift station is still in good shape for its age. The lift station gets daily checks and is on a SCADA system and it is monitored 24 hours a day, 7 days a week. The generator runs weekly and once a month is ran under a load to insure it will run the station in the event of a power outage. Several months ago the generator was serviced and a computer board was changed out. As stated above in July construction will begin on an extension of several hundred feet of sewer line which will go gravity to the County side and allow us to bypass our pump station. In approximately 6 months the pump station will be off line and removed.

Sincerely,
Eugene Jones
ORC/ Dir. Of Public Works
(704) 233-4042

