

Town of Rose Hill
Annual Wastewater Collection Report
FY 2020-2021

I. General Information

Facility Name: Rose Hill Wastewater Treatment Plant
Responsible Entity: Town of Rose Hill
Person to contact: Blake Parker, Public Works Director; 910-284-0402
DWQ Application Permit: WQCS00198

The Town of Rose Hill operates and maintains a sewer collection network of approximately 12 miles of gravity sewer, approximately 6 miles of sewer force main, 11 duplex pump stations and all associated piping, valves, and appurtenances required to make a complete and operational wastewater collection system to serve the Town of Rose Hill.

The Rose Hill Collection System NPDES Permit was set to expire on March 31, 2021. The Town of Rose Hill submitted a Collection System Permit Renewal Package on 27 NOV 2020 with the new permit running from 01 APR 2021 to and including 31 MAR 2028 (seven years). The annual permit fee (\$810.00) was paid on 02 APR 2021, and again on 09 MAR, 2022.

The Town of Rose Hill currently monitors 2 SIU's (Significant Industrial Users) in its Pretreatment Program. The processed water is conveyed through the collection system to the WWTP.

The sewage and wastewater collected by this system is treated at the Rose Hill WWTP which is located on NC SR 1931 (287 Charlie Teachey Road, Rose Hill, NC) in Duplin County and the discharge of the treated water is into the Reedy Branch which is classified as Class C-Swamp waters in the Cape Fear River Basin.

II. Performance

The wastewater collection system is effectively managed, maintained and operated at all times to prevent neither SSO (sanitary sewer overflow) to land or surface waters nor any groundwater. Through out the year various lines are cleaned of solids to prevent sewage back up in the lines. In addition, the lift stations are cleaned annually with grit removal.

The wastewater collection system is required to monitor the wastewater for various results on a daily, weekly, monthly, and annual basis. The town also includes educational information bi-annually on water bills dealing with issues of the collection system.

Public Utilities Department completed approximately four repairs on sewer lines each month; and pulled and repaired five submersible pumps at lift stations.

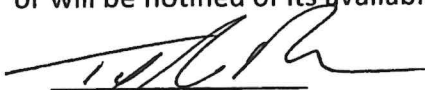
A Regionalization/Merger Study, funded by a \$50,000 State Grant, indicated that merging with a larger utility was not cost effective. However, the study indicated that the collection system had high volumes of infiltration and inflow. This led to the preparation of an Asset Management Plan to address such issues in FY 21-22.

III. Notification(s)

Notification of this report will be noted on the April 30th 2022 monthly utility bill, placed on the Town’s Website April 30th 2022 and a notice was issued in May 31st 2022 on the CCR that this annual report would be available on July 31st, 2022.

IV. Certification

I certify under the penalty of Law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the user/customers of the Town of Rose Hill WWTP and that those users have been or will be notified of its availability.



Tyler Robert Ross
Water/Wastewater Technician
Town of Rose Hill

4-20-22
Date



Blake Parker, Public Works Director

4/20/2022
Date