

Performance Annual Report

I. General Information

Facility/System Name: City of Washington WWTP/System

Responsible Entity: City of Washington

Persons in Charge/Contact: Adam Waters/Bill Wynne

Applicable Permits: NC0020648 / NC0081191 / WQ0019179

WQ0001026 / WQCS00087

Description of Treatment Process and Collection System:

Wastewater Treatment Plant – 3.65 MGD WWTP consisting of influent metering, mechanical bar screens, automatic aerated grit chamber, splitter box, aeration basin, two activated sludge oxidation ditches, four secondary clarifiers with scum removal and pumped return sludge, five tertiary deep bed denitrification sand filters with methanol storage and feed system, dual parallel chlorine contact chambers with flow paced liquid sodium hypochlorite feed, sodium bisulfate dechlorination system, post aeration, lime storage tower and dual lime injection vaults, caustic soda and alum feed system, four concrete sludge thickening lagoons, sludge recirculation pump station, effluent pump station, discharge into Tar River and water reuse system.

Collection System – Collection system consists of 74.35 miles of gravity sewer mains from 6” to 24” in diameter and 27.0 miles of force mains with 5020 service connections.

II. Performance

Permit Violations / Environmental Regulations

There were no reportable spills for 2017.

III. Notification

A statement will be printed on the March 2018 utility bill mailed to City sewer users stating where to get a copy of the Wastewater Performance Annual Report or to ask questions. An announcement will also run on the local government access cable television channel and the City of Washington’s website.

Utility bill notice for March 2018 bills:

Copies of Washington's Wastewater Performance Report for 2017 are available by calling 927-9374.

IV. Certification

I Certify under 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 users or customers of the named system and that those users have been notified of its availability.

Adam Waters

2-14-18

Adam Waters

Date

Water Resources Superintendent

City of Washington

Bill Wynne

2-12-18

Bill Wynne

Date

Water & Sewer Supervisor

City of Washington

Wastewater Collection Report

During 2017 the Wastewater Collection Division responded to the following complaint calls:

134 – Sewer tap stoppages

2 – Mainline stoppages

113 – Customer sewer complaint calls

249 - Total sewer complaint calls

The City of Washington Wastewater Collection Division provides routine sewer maintenance. We routinely clean sewers as a preventive step to reduce the number of stoppages. In 2017 we performed routine maintenance on 66 sewer taps. We cleaned and flushed a total of 7.94 miles of sewer mains and installed 15 cleanouts on taps.

The Wastewater Collection Division made 49 repairs to the sewer system in 2017. These repairs range from cleanouts to mainline repairs.

The Wastewater Collection Division inspected the outfall line right of ways twice during 2017. The outfall line was also mowed by City personnel in 2017. The Division also inspected all high priority lines monthly during 2017.

