

**ANNUAL PERFORMANCE REPORT FOR THE JOHNSTON COUNTY
WASTEWATER TREATMENT FACILITIES.
PERIOD: July 01, 2017 TO June 30, 2018**

I. General Information

Facility Name(s): Johnston County Wastewater Treatment Facilities

Responsible Entity: Johnston County

Contact Person(s): Chandra C. Farmer, P.E. or John D. Wall

Address: P.O. Box 2263, Smithfield, N.C. 27577 Telephone #: 919.989.5075

NPDES Permit #'s: NC0030716, NC0084735, WQCS00060, and WQ0019632

The Central Johnston County Regional Wastewater Facilities (Permits NC0030716 and WQCS00060) collect and treat wastewater from the towns of Smithfield, Selma, Four Oaks, Wilson's Mills, Pine Level, and Clayton. County facilities also extend to and serve the East Clayton Industrial Park, the Cleveland community, NC 42 area east of the Neuse River, and the McGee's Crossroads area.

The County operates and maintains a system of sewer line interceptors that extend through Smithfield to Selma. Wastewater from Pine Level is pumped into this interceptor. Wastewater from Four Oaks is transferred to the treatment facility through a series of force mains and interceptors involving three (3) pumping stations or can be directly pumped to Benson. Each town is responsible for operating its own collection system. Wastewater from the other areas identified above is pumped to the County's treatment facility or the Town of Clayton wastewater treatment facility.

The treatment plant (NPDES Permit #NC0030716) is located south of Smithfield. The plant is a tertiary facility permitted to treat and discharge 9.5 million gallons per day to the Neuse River. The plant treatment works consist of primary screening, activated sludge with biological nutrient removal, secondary clarification, denitrification filtration, and ultraviolet light disinfection. Additionally, the plant stabilizes and dewater biological sludge for disposal in the County's lined landfill facility.

The County also treats process water (NPDES Permit #NC0084735) from the County's water filtration plant in Wilson's Mills. This facility consists of surge decanting tanks, solids thickener, and fine solids polishing basins with the effluent dechlorinated prior to discharge to the Neuse River. These processes are located on the water plant site.

II. Performance

During the period July 01, 2017 through June 30, 2018 there were no violations for NPDES Permit #NC0030716.

During the period July 01, 2017 through June 30, 2018, the following sanitary sewer overflows occurred under **Permit #WQCS00060**:

Date	Location	Spill Volume	Cause
7/31/17	11621 Cleveland Road, Garner	7,500 gallons	Private utilities contractor damaged 10" force main
1/10/18	104 Front Street, Smithfield	1,100 gallons	Air release valve froze and broke

During the period July 01, 2017 through June 30, 2018, there were no violations for **NPDES Permit #NC0084735**.

During the period July 01, 2017 through June 30, 2018, there were no violations for **Permit #WQ0019632**.

III. Notification

This report is available at the Johnston County Department of Utilities located at 309 East Market Street in Smithfield, the County Manager's office in the Court House Annex, and has been provided to the towns served by these facilities. This report will be available on the County's web site, www.johnstonnc.com, and a public notice will be published in the *News and Observer* notifying users of its availability.

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.

Chandra C. Farmer
Chandra Farmer, P.E.
Director of Utilities

Date: 7/25/18