

TOWN OF WILLIAMSTON
WASTEWATER TREATMENT FACILITY
&
COLLECTION SYSTEM

ANNUAL PERFORMANCE REPORT
July 1, 2019 - June 30, 2020

7 JULY 2020

General Information

Facility/System Name: Town of Williamston
Address: P.O. Box 506
Williamston, NC 27892

Responsible Entity: John O'Daniel, Town Administrator
Kerry Spivey, Public Works Director

Person in Charge/Contact: Gene Reed

Applicable Permits: NPDES Permit # NC0020044 Collection System Permit # WQCS00090

This report is being provided to Town of Williamston customers in order to inform you about the operational performance of the Town of Williamston sewer system. House Bill 1160, the Clean Water Act of 1999, as ratified by the North Carolina General Assembly on July 20th and signed into law by the Governor on July 21st, 1999 requires that a report be provided to customers and the North Carolina Department of Environmental Quality that summarizes performance over a twelve month period.

The Town of Williamston collection system consists of approximately sixty five miles of primarily gravity flow sewer mains, 3 miles of force mains, thirteen pumping stations and associated service laterals. This system conveys untreated wastewater to a 2.0 mgd activated sludge wastewater treatment system designed to remove some eighty-five percent of pollutants by means of biological treatment. Treated effluent is discharged from this point into the Roanoke River.

2019/2020 Performance Summary

Exceeding the limitations placed on the wastewater treatment facilities by regulatory authority results in the system being considered non-compliant. This type of occurrence is generally followed by issuance of a Notice of Violation (NOV) by the regulatory authority (N.C. DEQ/Water Resources), and possibly a civil penalty. In the past year there were no conditions in which the wastewater treatment facility would be considered non-compliant.

*It may also be considered a matter of non-compliance when a wastewater spill occurs from a component of the sewer collection system. There were two (2) Sanitary Sewer Overflows (SSOs) during this reporting period. Details of both SSOs were recorded and reported to the N.C. DEQ/Water Resources, Washington Regional Office. All public notification requirements were met. The first was on 7/22/19 at the end of East Church Street behind Riverbank Hardware with a total SSO of 5000 gallons. The cause of this SSO was Sewer Pump Station equipment failure. This SSO lasted approximately 1 hour. The equipment was repaired and normal operations resumed. N.C DEQ issued NOV # 2019-DV-0298 for this SSO. The second SSO

was on 3/9/20 at a manhole located behind 304 Andrews Street with total SSO of 2500 gallons. This SSO was caused by a buildup of cooking Fats, Oils and Greases. (FOG) This SSO lasted approximately 1 hour. Using the Town's equipment and personnel the FOG was cleared from the line and the sanitary sewer flow was returned to normal. The incident report # 202000901 was issued by NC DEQ for this SSO. No Civil Penalties were levied against the Town of Williamston for these overflows.

The Town of Williamston encourages customers to avoid washing cooking fats, oils and grease used in the home down the drain as this contributes to sewer blockages that can result in spills from the sewer system. The Town of Williamston has a grease trap inspection program in place to allow us to monitor and inspect local businesses in an effort to guard against the possible discharge of untreated wastewater as a result of excessive oil/grease from those locations. There is no such program in place for the Town's residential customers so therefore it must rely on the goodwill and cooperation of its citizens to help control the disposal of fats, oils and grease in the sewer collection system.

Where spills are concerned, the Town of Williamston Public Works Department continues to make every effort to make necessary repairs as quickly as possible upon learning of such occurrences. Assistance received from the public in learning of any occurrences of this type is much appreciated.

The Town of Williamston makes every effort to ensure that the Wastewater Treatment Facility and the Collection System are operated and maintained in a manner that meets or exceeds all applicable local, state and federal requirements.

The following chart indicates limitations that may have been violated at the Waste Water Treatment Plant or in the Sewer Collections System and the month of any such occurrence.

**VIOLATIONS
2019/2020**

Month	Flow	Monthly BOD	Weekly BOD	Monthly TSR	Weekly TSR	Monthly Fecal Coliform	Weekly Fecal Coliform	Daily Ultra Low Chlorine
Limits	2.0 MGD	25 mg/l	37.5 mg/l	30 mg/l	45 mg/l	200/100	400/100	<28 ug/l
July 19								
August 19								
September 19								
October 19								
Limits	2.0 MGD	30 mg/l	45 mg/l	30 mg/l	45 mg/l	200/100	400/100	<28 ug/l
November 19								
December 19								
January 20								
February 20								
March 20								
Limits	2.0 MGD	25 mg/l	37.5 mg/l	30 mg/l	45 mg/l	200/100	400/100	<28 ug/l
April 20								
May 20								
June 20								
* INDICATES VIOLATION								
* Sanitary Sewer Overflows 7/18/19 & 3/9/20 See performance summary for details								

Notification

Customers will be notified of the availability of this report by means of an article in the local newspaper. Copies of this report will be available by request during normal operating hours (7a.m.-5:30p.m. Monday through Thursday) at the Town of Williamston Public Works Department. This report may also be viewed on the Town's website at townofwilliamston.com. Questions regarding this report or the wastewater system operations may be directed to Gene Reed, Operator in Responsible Charge of the Wastewater System at 252-792-4744 or Kerry L. Spivey, Director of Public Works at (252) 792-1024.

Certification

I certify under penalty of law that, to the best of my knowledge, all statements contained in this report are true and accurate. I further certify that this report has been made available to the users or customers of the Town of Williamston and that those users have been notified of its availability.

Gene Reed
Operator in Responsible Charge

Kerry L. Spivey
Director of Public Works

John O'Daniel
Town Administrator