

TOWN OF WILLIAMSTON
WASTEWATER TREATMENT FACILITY
&
COLLECTION SYSTEM

ANNUAL PERFORMANCE REPORT
2016-2017

7 JULY 2017

General Information

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

Responsible Entity: Brent Kanipe, Interim 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 Dept. of Environment and Natural Resources 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, 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.

2016/2017 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 by the regulatory authority (Department of Environment & Natural 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 was one Sanitary Sewer Overflow of approximately 30,000 gallons on October 10, 2016 at 301 Roberson St. next to Skewarkee Gut Canal here in Williamston. The spill was the result of high flow caused by heavy rains during hurricane Matthew that damaged the pipe joint thus shifting the pipe resulting in it's failure. The cause of the spill was repaired the same day with details recorded and reported to the N.C. DEQ, Washington Regional Office as required.

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
2016/2017**

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 16								
August 16								
September 16								
October 16								
Limits	2.0 MGD	30 mg/l	45 mg/l	30 mg/l	45 mg/l	200/100	400/100	<28 ug/l
November 16								
December 16								
January 17								
February 17								
March 17								
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 17								
May 17								
June 17								
X INDICATES VIOLATION								
**Sanitary Sewer Overflow		10/10/16	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 to the best of my knowledge. 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

Brent Kanipe
Interim Town Administrator