

2016-2017
Annual Performance Report
The Town of Maxton's Wastewater System

I. General Information

Facility/System Name: Town of Maxton Wastewater Plant

Responsible Entity: Town of Maxton

Person in Charge/Charge: Dennis Freeman

Applicable Permits: NC0027120 / WQ0002527

Description of Collection System or Treatment Process:

The Town of Maxton's wastewater collection system consists of 11 pump stations located throughout the system. There are 27 miles of gravity sewer lines and 3 miles of force main lines. Our Wastewater Plant consists of two plants. The first plant was built in the early 1960's with one aeration ditch, one clarifier, one chlorine contact chamber and two return sludge pumps with a total capacity of 300,000 gallons per day. The second plant was built in 1980 with one aeration ditch, one clarifier, one chlorine contact chamber and two sludge return pumps with total capacity of 300,000 gallons per day. Both plants combined can treat 600,000 gallons per day, but during normal conditions we only use the new part of the facility. Our average flow during dry periods is 250,000 gallons per day. The facility has one 16,000 gallon aerobic digester and three sand drying beds.

II. Performance

Text Summary of System Performance from July 1, 2016 through June 30, 2017

The list by month provides any violations of permit conditions or other environmental regulations. Monthly list includes discussion of any environmental impacts and corrective measures taken to address violations.

<u>Month</u>	<u>NPDES VIOLATIONS</u>
July 2015	No Violations
August 2015	No Violations
September 2015	No Violations
October 2015	No Violations
November 2015	No Violations

December 2015	No Violations
January 2016	No Violations
February 2016	No Violations
March 2016	No Violations
April 2016	Ammonia Nitrogen exceeded by 6.5mg/l
May 2016	Ammonia Nitrogen exceeded by .7mg/l
June 2016	No Violations

Exceeded Ammonia Nitrogen from bearing going out on #2 rotor in aeration ditch on 4/4/17. We installed 2 pumps on 5/15/17 to create more air, which brought Ammonia Nitrogen down. New bearing came in and installed on 6/19/17 which brought Ammonia Nitrogen down to normal. Also we have purchased another bearing to have on hand.


III. Notification

The Annual Performance Report is available at the Town Hall and customers were notified of this through our customer confidence report which was mailed June 23, 2017.

IV. Certification

I certify under penalty of law that this 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,

Responsible Person: Dennis Freeman
Title: Water & Wastewater Superintendent
Entity: Town of Maxton (Town Of)
Phone: (910) 844-5607



Dennis Freeman Water/Wastewater Director