

ANNUAL REPORT

The sewage collection system of the Town of Biscoe has approximately 911 connections that serve residential, commercial, and industrial customers. There are approximately 27 ¾ miles of sewer line in the collection system with sizes that vary from 6 to 12 inches in diameter. There are ten sewage lift pump stations in the collection system located in areas where gravity flow cannot be achieved. The purpose of the sewage collection system is to transport the wastewater generated by the Town customers to the wastewater treatment facility.

The town did experience overflows in the year 2016.

1. Collection System	2. Collection System	3. Collection System
10/08/2016	10/08/2016	2/16/2016
Bruton Street Station	Food Lion Station	Bruton Street Station
10,000 gallons	3,000 Gallon	3,000 Gallons

The Town of Biscoe has a wastewater treatment facility with a rated capacity of 600 thousand gallons per day. This was reduced to 500 thousand gallons per day during the year 2005. The plant is called an open aeration style plant and was built in the mid 1970's. All of the treated wastewater produced by this facility is discharged to Hickory Branch. The bio-solids or dried sludge generated by this facility is disposed of in the county landfill.

During the reporting period (2015) the Town of Biscoe treated approximately 112.50 million gallons of wastewater.

The town did experience a Bypass/Upset in 2016

2. Wastewater Treatment Plant
10/08/15: Heavy Rain 25,000 gallons

The wastewater treatment facility operates under what is called an NPDES permit, or National Pollutant Discharge System permit. This permit includes monitoring requirements and discharge limits, some of which vary with seasons and have different maximums for daily values, weekly averages, and monthly averages. Some limits protect streams from oxygen depletion, such as biochemical oxygen demand (BOD) and ammonia-nitrogen. Some limits are to protect aquatic life in the receiving stream, such as metals and other constituents. The permit can be viewed at our Municipal Building in the Superintendent of Public Utilities office.