



# TOWN OF FRANKLIN

Post Office Box 1479  
Franklin, North Carolina 28744  
(828) 524-2516

## System Performance Annual Report

Facility/System Name: Town of Franklin Collection System

Responsible Entity: Ms. Summer Woodard, Town Manager

Person In Charge/Contact: Mr. Jay Gibson, ORC

Applicable Permit: NC 0021547

### I. Description of the Collection System

The Town of Franklin has in its collection system combined sewer lines that carry industrial and commercial waste. The Town also has sanitary sewer lines that carry domestic sewage. The Town has thirty seven (37) miles of gravity and eight and half (8.5) miles of force main sewer lines. The system utilizes eight (8) pump stations that pump wastewater to the Town's Wastewater Treatment Plant. Wastewater is propelled from wet wells to the Waste Water Treatment Plant.

### II. System Performance

In fiscal year July 1, 2015, through June 30, 2016, the Town experienced problems with sanitary sewer spills, as described below:

- On February 3, 2016 beginning at 8:00 a.m. and ending at approximately 8:00 a.m. Town crew discovered a sanitary sewer spill located on East Main Street in Franklin, North Carolina. As a result of the sewer spill 500 gallons of wastewater went into Little Tennessee River. The cause of the spill was due heavy rainfall. Over two (2) inches of rainfall occurred in a short amount of time. Notification of the incident was reported to NCDWQ within twenty four (24) hours and a spill report was forwarded to NCDWQ. There was no known environmental impact on the receiving water surface.
- On February 3, 2016 beginning at 8:00 a.m. and ending at approximately 9:00 a.m. Town crew discovered a sanitary sewer spill located on Crane Circle in Franklin, North Carolina. As a result of the sewer spill 800 gallons of wastewater went into Little Tennessee River. The cause of the spill was due heavy rainfall. Over two (2) inches of rainfall occurred in a short amount of time. Notification of the incident was reported to NCDWQ within twenty four (24) hours and a spill report was forwarded to NCDWQ. There was no known environmental impact on the receiving water surface.

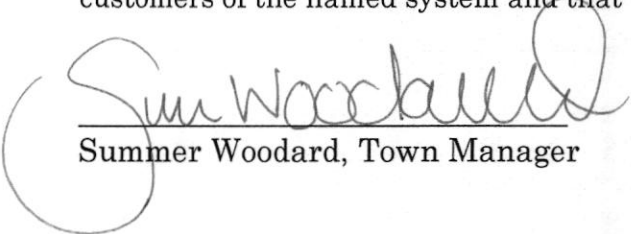
- On March 10, 2016 beginning at 1:30 p.m. and ending at approximately 1:45 p.m. Town crew discovered a sanitary sewer spill located on West Palmer and Maple Street in Franklin, North Carolina. As a result of the sewer spill 200 gallons of wastewater went into Crawford Ranch. The cause of the spill was due to debris in the line. Rags and paper towels were found in line. This area has not been a problem area. Periodic cleaning should have taken care of this line. Notification of the incident was reported to NCDWQ within twenty four (24) hours and a spill report was forwarded to NCDWQ. There was no known environmental impact on the receiving water surface.

### III. Notification

The Town of Franklin will advertise in *The Franklin Press*, Macon County's largest general circulation newspaper that the System Performance Annual Report will be available for review August 17, 2016 at the Town office located at 95 East Main Street. Anyone wishing to see the report may obtain a copy at the Town office or online at [www.franklinnc.com](http://www.franklinnc.com).

### 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.

  
\_\_\_\_\_  
Summer Woodard, Town Manager

8-18-16  
Date



# TOWN OF FRANKLIN

Post Office Box 1479  
Franklin, North Carolina 28744  
(828) 524-2516

## System Performance Annual Report

Facility/ System Name: Town of Franklin WWTP  
Responsible Entity: Ms. Summer Woodard, Town Manager  
Person In Charge: Mr. William L Deal, ORC  
Applicable Permit: NPDES Permit Issuance  
NPDES No. NC0021547  
Town of Franklin  
Macon County, NC

1. Description of system or treatment process:

The town of Franklin Wastewater treatment plant (WWTP) utilizes a Hydro-Dyne band screen and a grit removal system that flows into a 1.5 MGD E-Q basin, and a 1.65 MGD biological treatment process that includes an oxidation ditch, and two (2) Rex secondary clarifiers with chlorine contact basin for disinfection using sodium hypochlorite solution and calcium thiosulfate solution for dechlorination. The digester is aerobic and treats 1.0 MGD of sludge. A Komline Sanderson belt press is used for dewatering sludge. There are two (2) Fairbanks Morse Return Sludge Pumps and one Fairbanks Morse waste sludge pump, and a Robbin Meyers Sludge Pump is used in sludge withdrawal to belt press. The Town of Franklin also has back up power supply for the headworks with an 80KW generator and a 600KW at the wastewater treatment plant.

2. System Performance:

The following is a summary of performance for the fiscal year July 1<sup>st</sup> 2015 through June 30<sup>th</sup> 2016. The system was in continuous operation for the time period reported. There was no major breakdown of equipment.

### Violations of permit conditions and parameters

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 –	No Violations
May 2016 –	No Violations
June 2016 –	No Violations