

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: Mr. Warren Cabe, Town Manager
Person In Charge: Mr. Wayne Price, 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 1.65 MGD biological treatment process that includes an oxidation ditch, two (2) Andritz Sprout-Bauer influent screens, 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 is a Walker Process sewage treatment that treats 0.75 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 has a 1.5 MGD E-Q Basin, with headworks, a band screen and a grit removal system and a new 1.0 MG aerobic digester will be going on line August/September 2013. There is also 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 1st 2012 through June 30th 2013. The system was in continuous operation for the time period reported. There was no major breakdown of equipment. In February 2013 the old Walker Process Plant was demolished to replace it with our new Aerobic Digester.

Violations of permit conditions and parameters

July 2012 – No Violations
August 2012 – No Violations
September 2012 – No Violations
October 2012 – No Violations
November 2012 – No Violations
December 2012 – No Violations

January 2013 – Weekly violation for TSS (Due to heavy rain)
– Weekly violation for BOD (Due to heavy rain)
February 2013– No Violations
March 2013 – No Violations
April 2013 – No Violations
May 2013 – No Violations
June 2013 – No Violations

There were no bypass violations.
There were no spill violations.

3) 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 beginning on August 2, 2013 at the Town Office at 95 East Main Street. Anyone wishing to see the report may obtain a copy at the Town Office during regular business hours.

4) 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 had been made available to the users or customers of the named system and that those users have been notified of its availability.



Warren Cabe, Town Manager

7 30-2013

Date