Performance Annual Report
2017

I. General Information

Facility/System Name: Red Springs Wastewater Treatment Plant

Responsible Entity: Town of Red Springs

Persons in Charge/Contact: Brian Stephens 910-843-2256- Richard Mcduffie 910-734-1220

Applicable Permits: NC0025577 / WQCS00083

Description of Waste Water Treatment System:

Operation of a 2.5 MGD wastewater treatment facility consisting of a automatic bar screen; automatic ram press; grit removal by two grit pumps dual oxidation ditches, dual secondary clarifiers, gas chlorination units, dual path chlorine contact chamber, dechlorination, continuous recording effluent flow measurement two aerobic sludge digesters, sludge drying beds and back- up generator. This facility is located off Green hill Drive east of Red Springs in Robeson County. The discharge from this plant is into Little Raft Swamp, a class C- Swamp stream in the Lumber River Basin. The wastewater collection system consists of 20 miles of gravity flow sewer lines and 4.5 miles of force mains. We have 7 duplex lift stations that pump sewer water to different locations through out the collection system ending at the wastewater treatment plant.

II. Performance

Collection System performance for calendar year 2017

Collection System Violations:

1) No collection system spills for the calendar year 2017

Wastewater Treatment Plant performance for calendar year 2017

Violations at Treatment Plant consist of

1) On 1/08/2017 the Red Springs Wastewater plant experienced an upset due to an equipment failure. A main breaker tripped that controls the pump operations also the telemetric call service was outdated and did not notify the on call operator.

Aproxamently 957.000 Gallons of untreated wastewater entered the Little Raft Swamp adjacent to plant property.

2) On 7/10/2017 aproxamently 20.000 gallons of untreated wastewater overflowed from an influent manhole at that time we were experiencing the effects of a rain event that measured 5 inches the inflow was greater than pumping capacities.

III. Notification:

Public notice placed in local newspaper summarizing this report and informing the public that a copy of this report can be obtained at the Red Springs Town Office.

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.

Brian Stephens 2-6-18
Date

Brian Stephens
Wastewater Treatment ORC
Town of Red Springs

Richard McDuffie Date 2-8-18

Richard Mcduffie
Collection system ORC
Town of Red Spring

Public Notice

The North Carolina Clean Water Act of 1999 requires that each owner or operator of any wastewater treatment plant or collection system provide an annual performance report to its users and customers. The Town of Red Springs owns its wastewater and collections system .The wastewater treatment plant is located on Greenhill Drive off of Third Avenue A copy of the towns annual performance report for the wastewater treatment plant can be obtained at the Town Hall.

O.R.C

Brian Stephens

Brian Stephens