

Town of Boiling Springs

PO Box 1014
Boiling Springs, N.C. 28017
Telephone: 704-434-2357
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2/28/2018

System Performance Annual Report
North Carolina Division of Water Quality
1617 Mail Service Center
Raleigh, N.C. 27699-1617

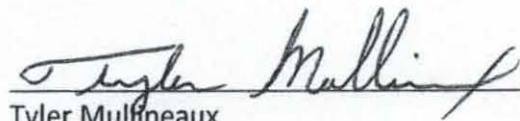
RE: Performance Annual Report For 2017
Town of Boiling Springs N.C. 28017
NPDES NC0071943
WQ0018352

To Whom It May Concern:

Please find enclosed the original and two (2) copies of the Performance Annual Report for the Town of Boiling Springs WWTP for year 2017.

Please Contact me if you have any questions regarding this report at (704) 434-5600

Sincerely;



Tyler Mullineaux
Wastewater Plant ORC

2-28-18
Date

cc: Mike Gibert Public Works Director

1.) General Information

Facility/System Name:	<u>Town of Boiling Springs</u>
Responsible Entity:	<u>Town of Boiling Springs</u>
Person in Charge/Contact:	<u>Tyler Mullineaux ORC</u>
Applicable Permit(s):	<u>Wastewater Treatment Plant NC0071943</u> <u>Collection System WQCS00222</u> <u>Land Application WQ0018352</u> <u>Laboratory Certification 5013</u>

Description of Treatment Plant:

The wastewater treatment plant is designed to function as an activated sludge treatment facility. The plant receives 100% domestic/commercial wastewater. Debris and grit are removed at the head of the plant, after which the influent enters two parallel aeration basins for biological treatment. Wastewater then passes into two parallel secondary clarifiers for sludge settling. Effluent from the clarifiers enters an ultraviolet disinfection channel and then passes into the outfall discharge into Sandy Run Creek.

Description of Collection System:

The Town owns and maintains 36 miles of gravity sewer and force main lines with 7 lift stations. The Town of Boiling Springs also maintains 9.43 miles of gravity sewer and force main lines with 7 lift stations for the Town of Lattimore.

Description of Land Application:

The Town land applied 10.88 dry tons of bio-solids to permitted fields for the beneficial reuse as a soil conditioner and fertilizer.

Summary of system performance for calendar year 2017:

The Town of Boiling Springs is regulated with permit limits and monitoring requirements regulated by the North Carolina Department of Environment and Natural Resources (NCDENR). These permit limits and monitoring requirements cover individual weekly sampling and the overall collective monthly average. There were no monitoring limits exceeded for any of our samples taken in 2017.

10% of the wastewater collection system was high pressure cleaned to prevent overflows due to any type of buildup in sanitary sewer lines. Smoke testing is also performed to determine sources of inflow and infiltration.

Literature was made available to the public concerning fats, oils, and grease disposal and the effects on the collection system.

The wastewater collection system had (1) SSO reported during 2017 as shown below.

4/10/2017 – Location: Beaver dam lift station - Overflow: 5,000 gallons reaching surface waters which resulted in zero fish kills or adverse effects on the Beaver Dam Creek – Cause: pump station Line failure

Corrective Measures

- In response to the Beaver Dam lift station overflow the town contacted HST to come out and repair the lines in question.

Performance Annual Report

2.) Notification:

The availability of this report will be printed on the utility bills. Copies of this report will be posted and made available at Town Hall and on website: www.boilingspringsnc.net .

3.) I certify under penalty of law that this report is accurate to the best of my knowledge. I further certify that this report has been made available to the public and the public has been notified of its availability.



Date: 2-28-18

Tyler Mullineaux
Wastewater Plant ORC
Collection System ORC
Land App. ORC

Entity: Town of Boiling Springs
PO Box 1014
Boiling Springs NC 28017