

Town of Snow Hill
System Performance Annual Report
2023

General Information

Facility Name - Town of Snow Hill Waste Water Treatment Plant
Facility Address - 102 Daniel Dr Snow Hill, NC 28580
Mailing Address - P.O. Box 247 Snow Hill, NC 28580

Contact Information

Town Manager April Vinson (252) 747-3414
Public Works Director/Waste Water ORC Drake Robart (252) 939-5213
Town Hall (252)747-3414

Permit Numbers

NPDES Permit #NC0020842
Collection System Permit #WQCS00246
Field Lab Certification #5123

Description of Facilities

Collection System

The Town of Snow Hills currently maintains a collection system comprised of two miles of force mains, fifteen miles of gravity mains, and eight lift stations. Seven of the town's lift stations are duplex pump stations, the remaining lift station is a triplex lift station. The piping in our collections system is mainly made of ductile iron piping, terracotta, and PVC, ranging from four to ten inches. The Collection system is estimated to serve two thousand people.

Waste Water Treatment Plant

The Town's wastewater plant is permitted for five hundred thousand gallons per day. The plant influent averages two hundred thousand to three hundred thousand gallons per day. The plant treatment process consists of the following. Automatic influent bar screen, an anaerobic chamber, two anoxic ditches, two aerobic ditches, two primary clarifiers, two chlorine disinfection contact chambers, and two SO₂ dechlorinating zones. For sludge management, the Town has two digesters, two holding tanks and one, twelve-acre land application field. The Town land applies about two hundred and fifty thousand gallons per year.

3. Performance Measures

A. Collection System

The Town has cleaned a little over one and a half miles of sewer lines in 2023, exceeding our minimum ten percent per year.

The collection system is monitored seven days a week and serviced weekly or more frequently if needed.

In 2023 the collection system had no reportable sewer overflows (SSO)

B. Wastewater Treatment plant

The Snow Hill wastewater treatment plant has ended the year 2023 with BOD and TSS removal rates averaging better than the EPA minimum and no fecal violations. The facility finished the year off with no system bypasses.

4. Notification

This report can be found on the Town website <https://www.snowhillnc.com/> . Copies will be available at Town Hall located at 908 SE second St, Snow Hill, NC 28580

5. Certification

I certify under penalty of the 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 and customers of the Town of Snow Hill and that those users have been notified of its availability.



Drake Robart
Public Works Director
Waste Water ORC

1/11/24
Date