



Carolina Water Service
of North Carolina™

Wastewater Treatment and Collection Performance Annual Reports

Connestee Falls

NPDES: NC0024295
Collection System: WQCS00219

January 1, 2025 - December 31, 2025

I. General Information

Service Area:

Connestee Falls Subdivision; Brevard, North Carolina

Applicable Permits:

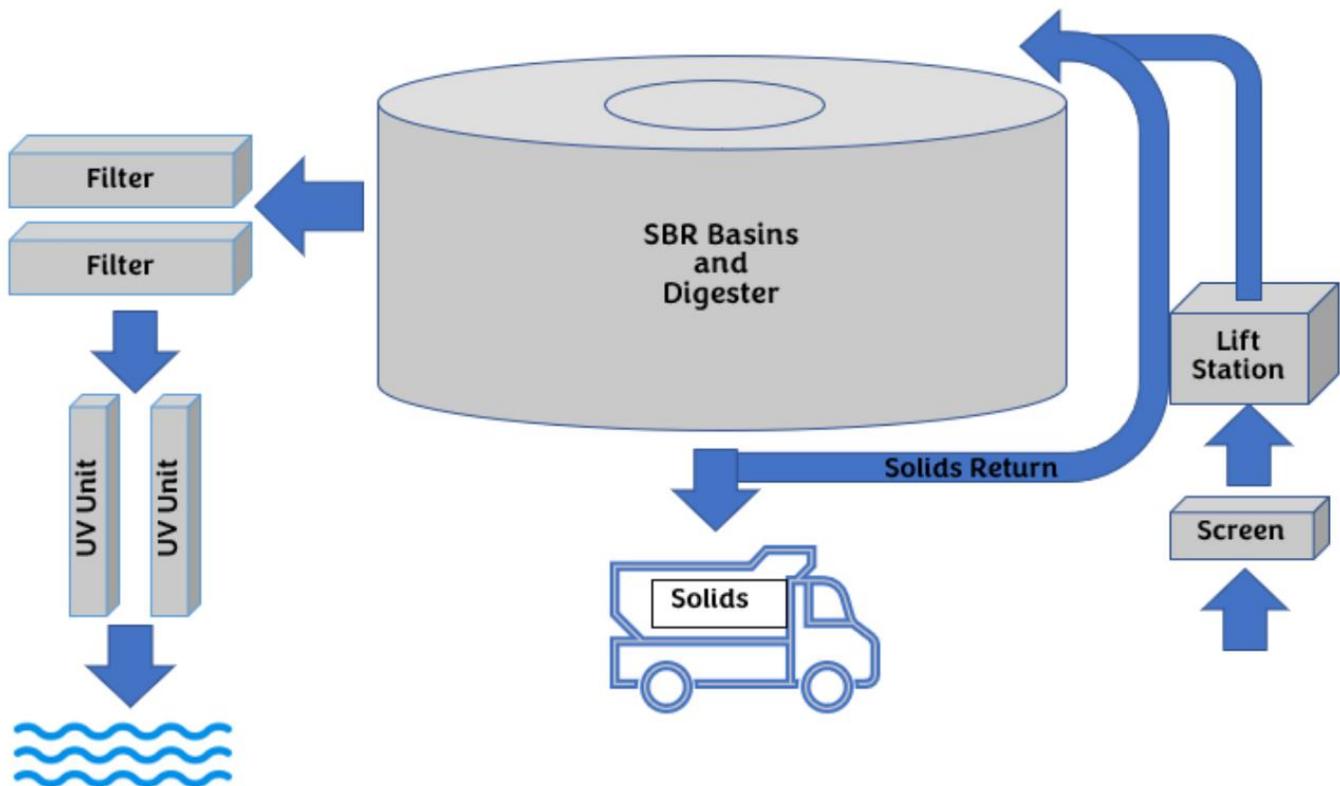
Type	NPDES Permit Number
Wastewater Treatment Facility #1	NC0024295
Collection System	WQCS00219

Description of Collection and Treatment Systems:

Operation and maintenance of a wastewater collection system consisting of, at the time of permit issuance, approximately 154,676 linear feet of gravity sewer, approximately 28,225 linear feet of force main, 17 duplex pump stations, all associated piping, valves, and appurtenances. Serving 1,069 customer connections.

Operation of a 0.36 million gallon per day (MGD) sequencing batch reactor (SBR) wastewater treatment facility.

TREATMENT PROCESS FLOW



Summary of Collection System Performance:

During 2025, we collected and treated over 78 million gallons of wastewater.

The collection system experienced one sanitary sewer overflow during 2025. Our staff is committed to a standard of excellence by ensuring a safe and clean facility while maintaining regulatory compliance. No known adverse effects have been noted on the environment or receiving streams.

Key Performance:

- 15,460 linear feet of the sewer collection system was clean during 2020.
- There are 17 duplex Lift Stations serving Connestee Falls Subdivision. Each lift station is checked three times a week with maintenance conducted as needed as well as emergency generator testing, wet well cleanings, and emergency/routine repairs conducted periodically.
- Annually each Lift Station is inspected using our 56 Point safety checklist.
- Our staff throughout the year manually conducts manhole inspections and documents deterioration (if any) due to corrosive atmospheric conditions.
- We have instituted an infiltration and inflow (I&I) program. The purpose of the I&I program is to keep unwanted storm water from entering the collection system. Infiltration and inflow is a clear indicator that there could be broken pipes, uncovered sewer laterals, or someone illegally connected to the collection system.
- As a proactive measure, we educate our customers of our concerns of Fats, Oil, and Grease. Your help in what is put down the drain greatly prevents clogs due to grease buildups and improves our overall collection system. These grease buildups can result in SSO's.
- Our staff is continually monitoring and clearing rights of way (ROW's). These ROW's normally are in low lying creeks and wooded areas. ROW's need to be cleared to ensure easy access during emergency situations.

Summary of Wastewater Facility Performance:

The extensive upgrades implemented at the treatment facility has allowed for a more efficient process. The facility had one permit exceedance during the year.

It is our goal and standard at Carolina Water Service of North Carolina to meet 100% of our NPDES permit discharge limits. We evaluate our treatment processes daily to ensure that goal is obtained. Our permit requires us to continually monitor the effluent to determine if the treatment processes are working effectively. This monitoring consists of sampling at various points in throughout the treatment process. These sample parameters include: Flow measurement of how much wastewater enters and then is discharged from our plant, Biochemical Oxygen Demand (BOD), Total Suspended Solids, Fecal Coliform, Total Ammonia, Total Residual Chlorine, Temperature, Total Nitrogen, pH, and Total Phosphorous. A minimum of 340 compliance samples are taken on an annual basis.

II. Violation Summary – 2025

January	No violations/deficiencies.
February	No violations/deficiencies.
March	No violations/deficiencies.
April	No violations/deficiencies.
May	Exceeded monthly BOD limit
June	No violations/deficiencies.
July	No violations/deficiencies.
August	No violations/deficiencies.
September	No violations/deficiencies.
October	SSO
November	No violations/deficiencies.
December	No violations/deficiencies.

III. Notification

Customers will be notified of the availability of this report with a message on their bills and copies will be provided upon request.

IV. Certification

I hereby certify that the information contained in this report is accurate and complete to the best of my knowledge.

Signature:

Date: 3/19/2026

Name: Dana Hill

Title: Special Projects Manager