

**TOWN OF SOUTHERN PINES  
WASTEWATER COLLECTION SYSTEM – WQCS00309  
2025 ANNUAL REPORT**

SYSTEM OWNER: Town of Southern Pines  
801 SE Service Rd  
Southern Pines, NC 28387

OPERATOR IN RESPONSIBLE CHARGE (ORC): Ronald J Istre Jr  
TITLE: Utilities Superintendent  
CERTIFICATION GRADE: CS-4 #1002399  
TELEPHONE: 910-692-1983  
CELL: 618-979-1678

BACK-UP ORC: Jerry L Shephard Jr  
TITLE: Utilities Asst Superintendent  
CERTIFICATION GRADE: CS-4 #1006157  
TELEPHONE: 910-692-1983

BACK-UP ORC: Roy H Blue  
TITLE: Utilities Supervisor  
CERTIFICATION GRADE: CS-4 #1015753  
TELEPHONE: 910-692-1983

**DESCRIPTION OF COLLECTION SYSTEM:**

The Town of Southern Pines operates a Class III Collection System consisting of over 155 miles of gravity sewer mains ranging in size from 6-inch to 24-inch diameter and approximately 6900 service connections. The system also includes 19 lift stations with 17 miles of force main. Wastewater from the Town is treated at the Moore County WPC facility near Pinebluff, N.C.

**SYSTEM PERFORMANCE:**

The Town's collection system performed very well for the entire year. The Town had seven reportable sanitary sewer overflow (SSO) in 2025 and was reported to NCDEQ as required. Six of the SSOs were due to **Tropical Storm Chantal**.

- 190 S Leak St, 800 gallons
- **W Pennsylvania Ave & US1, 25 gallons**
- **Longleaf Dam, 1000 gallons**
- **US1 & Midland Rd, 6000 gallons**
- **255 Central Dr, 90000 gallons**
- **Nick's Creek at Hwy 22, 15000 gallons**
- **175 Yadkin Rd, 67575 gallons**





January 26, 2026

Mr. Ron Istre  
Town of Southern Pines  
140 Memorial Park Ct.  
Southern Pines, NC 28387

Dear Mr. Istre,

Enclosed you will find the Annual Performance Report for the year of 2025 for the wastewater operation and discharge at the Town of Southern Pines Water Treatment Plant. Your signature is required on the cover letter and the certification page. After signing, two copies should be mailed by **February 28, 2026** to System Performance Annual Report, North Carolina Division of Environmental Quality, 1617 Mail Service Center, Raleigh, NC 27699-1617. Please send a copy of the entire report to Veolia for our records.

In addition, this report must be made available to the Town's customers. We recommend that the Town notify the customers of the availability of the report by placing a public notice in the largest local newspaper or by including a notification with the monthly billing statement/invoice. Following is some suggested verbiage:

*The Town of Southern Pines is in accordance with State Regulations is hereby giving public notice. The Town of Southern Pines Water Treatment Plant has completed its 2025 Annual Performance Report. The report is available at Town Hall for review.*

If you have any questions, please advise.

Sincerely,

Veolia

A handwritten signature in black ink that reads 'Nadine Blackwell'.

Nadine Blackwell  
Regional Leader

NB/lm

**Veolia North America**  
PO Box 1279  
Clemmons, NC 27012  
tel. 366-766-0270 fax 336-766-0469

[www.veolionorthamerica.com](http://www.veolionorthamerica.com)

February 10, 2026

System Performance Annual Report  
NCDEQ/ Division of Water Resources/Water Quality Permitting Division  
1617 Mail Service Center  
Raleigh, NC 27699-1617

RE: Southern Pines WTP Wastewater Discharge  
NPDES Permit No.: NC0049778  
Moore County

Dear Sirs,

Enclosed you will find the Annual Performance Report for the year of 2025 for the Town of Southern Pines, North Carolina Water Treatment Plant. We believe the report to be complete and accurate. The customers will be notified of the availability of the report through the local newspaper or sewer bills.

If you have any questions, please advise.

Sincerely,

Town of Southern Pines

Ron Istre  
Utilities Superintendent

**TOWN OF SOUTHERN PINES  
WATER TREATMENT FACILITY**

**ANNUAL PERFORMANCE REPORT**

For the Calendar Year 2025

prepared: January 2026

2025 Annual Performance Report  
for the  
Town of Southern Pines  
Water Treatment Facility

I. General Information

Facility/System Name: Town of Southern Pines Water Treatment

Responsible Entity: Town of Southern Pines

Person in Charge/Contact: Ron Istre  
Utilities Superintendent  
140 Memorial Park Court  
Southern Pines, NC 28387  
(910) 692-1983

Description of Collection System or Treatment Process:

The wastewater discharged by the Southern Pines Water Plant is generated by the filter backwash operation. The filter backwash enters a 180,000 gallon circular sedimentation basin. The water is allowed to settle and sludge concentrates on a conical shape bottom. The sludge that settles is conditioned and transferred via two 200 gpm sludge pumps to one of six 300 foot sand drying beds. The clarified water is collected at the top of the basin through two ports, one at the top of the column and one 12 feet below the surface. Normal operations have the second level closed and the top port open. The clarified effluent is collected in a pump chamber and with sufficient level increase, is pumped to discharge via two 800 gpm discharge pumps. The flow is metered by a mechanical meter on a "6" inch discharge line. The effluent enters Aberdeen Creek approximately 2 miles away.

II. Compliance Performance

The North Carolina Department of Environmental Water Quality (NCDEQ) regulates the Town of Southern Pines effluent discharge under the National Pollutant Discharge Elimination System (NPDES). The NCDENR issued to the Town a NPDES Permit, which includes water quality limits and sampling and monitoring requirements. The NPDES Permit requires the Town to test more than 17 different constituents in the treated water. The monitoring frequency for these constituents are set at various intervals such as continuous, daily, weekly, monthly, and quarterly. During the reporting period, the Town conducted 563 tests of the treated water before it was discharged to the creek. The WWTP achieved a compliance level of 100% with the NPDES Permit requirements. Following is a summary of the testing for the parameters, which are assigned Water Quality standards by the NPDES Permit. Please note the summary does not include parameters, which incorporates a monitoring requirement only, nor does it include daily process control testing.

Constituent	Number of Test Required	Number of Test Conducted*
Flow	Continuous	Continuous
Total Suspended Solids (TSS)	24	24
pH	12	52
Turbidity	12	12
Chlorine	24	52
NH3N	4	4
Zinc	4	4
Aluminum	4	4
Fluoride	4	4
Total Copper	4	4
Manganese	4	4
Hardness	8	8
Total Phosphorus	4	4
Total Nitrogen	4	4
Toxicity	1	2

\*Testing is not required on holidays or during inclement weather.

In addition to the required testing, the Town conducted over 208 in-house tests to ensure the proper operation of the wastewater treatment plant.

September

The monthly flow limit was exceeded. The exceedance resulted from additional filter back washings.

III. Certification

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information.

Signed this 9th day of February, 2026.

Ron Istre

(Name) Utilities Superintendent



(Signature)