

Town of Spring Lake  
Wastewater Collection System  
System Performance Report  
January 1, 2024 – December 31, 2024

**General Information**

Facility/System Name	Town of Spring Lake
Responsible Entity	Town of Spring Lake
Collection System ORC	Glenn McFadden
Collection Systems Contact	Deanna Rosario, Water Resources Manager
Collection System Permit	WQCS00105
WWTP and Land Application ORC	Richard Mendez
WWTP Contact	Deanna Rosario, Water Resources Manager
WWTP Discharge Permit	NC0030970
Land Application Bio Solids Permit	WQ0001086

**Wastewater Treatment Plant and Collection System**

The Town of Spring Lake owns and operates its own wastewater treatment system. The wastewater treatment system consists of two sanitary sewer lift stations and a 1.5 MGD wastewater treatment plant. Wastewater Treatment Plant is a Dual Train, Extended Aeration Plant with Secondary Clarification for the separation of liquids and solids, Post Aeration, Chlorination and De-Chlorination. Aerobic Digestion has been supplemented with Lime Stabilization to ensure that the treated Bio-solids produced after plant processing, meet EPA and NCDWQ regulations prior to disposal by land application. A monthly report of plant performance as determined by Laboratory analysis is submitted to the NCDWQ and an annual Bio-solids application report and Laboratory analysis is submitted to the EPA and NCDWQ Non-Discharge Branch. The plant is also responsible for two lift stations in the town’s collection system.

The Town of Spring Lake also owns and maintains approximately 46 miles of gravity sewer line and 2500 feet of force main sewer line. All aerial crossing and rights-of-way are inspected twice yearly and after large storm/flooding events to ensure compliance with the Towns collection permit.

**Compliance Performance**

The Spring Lake Wastewater Treatment plant received the following violations during the 2024 calendar year:

- One violation was received during the 2024 calendar year
- The Spring Lake collections system had two reportable SSOs in 2024

## Wastewater Treatment Plant Monthly and Yearly Flow

The following table summarizes the amount of raw wastewater treated and released into the Little River.

	Flow (gallons)	Avg Daily Flow (MGD) (million gallons per day)
January 2024	31,123,000	1.004
February 2024	25,062,000	.864
March 2024	28,689,000	.925
April 2024	25,681,000	.856
May 2024	25,892,000	.835
June 2024	22,380,000	.745
July 2024	25,510,000	.823
August 2024	40,436,000	1.304
September 2024	37,249,000	1.242
October 2024	35,212,000	1.136
November 2024	26,511,000	.884
December 2024	24,126,000	.778
<b>Total</b>	<b>347,871,000</b>	<b>0.95</b>

### Notification

A copy of this report has been posted on the Town of Spring Lake website ([www.townofspringlake.com](http://www.townofspringlake.com)).

### 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.



Deanna Rosario, Water Resources Manager

3/18/2025

Date