

# Town of Mocksville

## Annual Performance Report

(January 1, 2024 –December 31, 2024)

I. General Information

Facility/System Name: Dutchman Creek Wastewater Treatment Plant

Applicable Permit(s): NC0021491

Responsible Entity: Town of Mocksville  
Envirolink, Inc.

Person in Charge/Contact:

Brian Moore

*We are pleased to present your Annual Wastewater Report. The Clean Water Act of 1999, passed by the North Carolina General Assembly, requires Utilities to provide an annual report to their wastewater customers. This report summarizes the performance of your wastewater treatment plant and collection system over a 12-month period (January 1, 2024 - December 31, 2024)*

The Town’s Wastewater Treatment Plant consists of:

- 0.98 MGD Class III Wastewater Treatment Planted permitted under NPDES permit No. NC0021491
  - Flow Splitter Box
  - Quadruple bar screen
  - Grit Chamber
  - Parshall flume
  - Ultrasonic flow recorder with totalizer
  - Three (3) aeration basins with floating surface aerators
  - Three (3) clarifiers
  - Chlorine contact basin with gaseous disinfection facilities
  - Dechlorination (sulfur dioxide)
  - Two digester basins
  - Stand-by power generator
  - One Triplex Influent pump station
  - Outfall 001

The Town of Mocksville’s Dutchman Creek Wastewater Treatment Facility is located at 295 Garwood Road, Mocksville, NC 27028

II. Performance

In 2024, the average daily flow treated at this facility was 594,227 gallons per day.

2024 Wastewater Treatment Permit Violations:

Monitoring Period	Violation
02-2024	NOV-2024-LV-0331: Nitrogen, Ammonia Total (as N) – Concentration (CO610) Monthly Average Exceeded

In February 2024, a heavy rain event created an upset condition at the wastewater treatment facility that temporarily disrupted the plant's ability to adequately remove ammonia nitrogen from the treated discharge.

One Sanitary Sewer Overflow (SSO) occurred during the year 2024.

In August of 2024, a sewer line break occurred at a force main located in a remote area. The overflow event resulted in the discharge of 950,000 gallons of untreated wastewater into Bear Creek and lasted for approximately 600 minutes. The discharge was abated as promptly as possible, and the line was repaired and placed back into service within 24 hours.

### III. Notification

A copy of this report has been given to the authorities of the Town of Mocksville for distribution.

### IV. 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 user or customers of the named system and that those users have been notified of its availability.

  
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Lee Rollins  
Town Manager

4/2/2025  
Date