

# County of Hoke Annual Performance Report

JULY 1, 2023 – JUNE 30, 2024

## I. General Information

Facility/System Name: Hoke County Wastewater Treatment Facility

Responsible Entity: EnviroLink, Inc.

Person in Charge/Contact: Stephanie Moore

Applicable Permit(s): NC0089176 AND WOC00352

*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 (July 1, 2023 – June 30, 2024).*

Description of Treatment System:

1.5 MGD wastewater treatment facility with the following components:

- Mechanical and automatic bar screens
- Influent Pump Station
- Dual React Basins
- Dual Catch Basins
- Two (2) ABW traveling bridge filters
- UV disinfection system (dual channels)
- Lime, Glycerin, and Alum chemical feed systems
- Effluent cascade aeration
- Aerated sludge digester/holding tank

The Hoke County Wastewater Treatment Facility is located at 736 Ellis Road, Lumber Bridge, North Carolina, southeast of Raeford, North Carolina.

## II. Performance

Wastewater Treatment Facility (NC0089176)

During the 2023 fiscal year, the facility received six (6) notices of violation during the fiscal year. The six (6) violations are as follows:

- Limit Exceedance Violation for the month of July, 2023 – Effluent Monthly Average Phosphorus, Total (as P) Concentration, Limit Value - 0.75 mg/L, Reported Value - 1.108 mg/L.

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- Limit Exceedance Violation for the month of August, 2023 – Effluent Monthly Average Phosphorus, Total (as P) Concentration, Limit Value – 0.75 mg/L, Reported Value – 1.524 mg/L.
- Limit Exceedance Violations for the month of September, 2023 – Effluent Monthly Average Nitrogen, Total – Concentration, Limit Value - 5 mg/L, Reported Value – 6.78 mg/L. Effluent Monthly Average Phosphorus, Total (as P) Concentration, Limit Value - 0.75 mg/L, Reported Value – 1.255 mg/L. Effluent Weekly Average (9/9/2023) Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 3 mg/L, Reported Value – 4.7 mg/L. Effluent Weekly Average (9/23/2023) Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 3 mg/L, Reported Value – 3.7 mg/L. Effluent Monthly Average Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 1 mg/L, Reported – 2.28 mg/L.
- Limit Exceedance Violations for the month of October, 2023 – Effluent Monthly Average Phosphorus, Total (as P) Concentration, Limit Value – 0.75 mg/L, Reported Value – 2.424 mg/L. Effluent Weekly Average (10/14/2023) Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 3 mg/L, Reported Value – 3.4 mg/L.
- Limit Exceedance Violation for the month of December, 2023 – Effluent Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 2 mg/L, Reported Value – 2.25 mg/L. Frequency Violations for the month of December, 2023 – Effluent Annual Pollutant Scan [126 parameters] due to failure to report. Effluent Oxygen, Dissolved (DO), (5 X week) due to failure to report.
- Limit Exceedance Violations for the month of April, 2024 – Effluent Monthly Average Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 1 mg/L, Reported Value – 3.91 mg/L. Effluent Monthly Average Nitrogen, Total Concentration, Limit Value – 5 mg/L, Reported Value – 9.36 mg/L. Weekly (4/20/2024) Effluent Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 3 mg/L, Reported Value – 5.9 mg/L. Weekly (4/27/2024) Effluent Nitrogen, Ammonia Total (as N) Concentration, Limit Value – 3 mg/L, Reported Value – 3.9 mg/L.

For the 2023 fiscal year, the average daily influent flow that was treated at the facility was 607,000 gallons per day with the average daily discharge from the facility at 454,000 gallons per day.

## Sanitary Sewer Collection System – WQCS00352

The sewer collections system of Hoke County consists of approximately 15 miles of force main, 35 miles of gravity sewer, and 10 lift stations. No new lift stations or renewal projects were added in the 2022 fiscal year.

The County had no reportable sanitary sewer overflows during the period of the July 1, 2023 through June 30, 2024.

## III. Notification

A copy of this report has been given to the authorities of the County of Hoke for distribution.

## IV. Certification

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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



Letitia Edens

County Manager



Date