Annual Performance Report 2024

General Information

Facility/System Name:	City of Laurinburg Water Treatment Plant
Responsible Entity:	City of Laurinburg
Person In Charge/Contact:	Dixon Medlin, Treatment Plant Director/ORC
Applicable Permit(s)	NC0036773

Description of WTP Filter Backwash Discharge System

The City of Laurinburg operates a 8.0 MGD Water Treatment Facility at 603 Lauchwood Drive. The wastewater that is generated at this facility is the water that is used to backwash the three rapid sand filters, this water is discharged into Big Branch Creek. Average discharge .052 MG per day.

Summary of System Performance for Calendar Year 2024

The discharge from the City of Laurinburg's Water Treatment Plant met all permit requirements for 2024.

Notification

This Annual Performance Report will appear on the City of Laurinburg's web site http://www.laurinburg.org and a statement on our Consumer Confidence Report (CCR) will inform citizens that the Annual Report is available via internet or upon request.

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.

Dixon Medlin
Treatment Plants Director
City of Laurinburg

Annual Performance Report 2024

General Information

Facility/System Name:	City of Laurinburg Leith Creek Wastewater Plant
Responsible Entity:	City of Laurinburg
Person in Charge/Contact:	Brianne Murray, ORC
Applicable Permit(s)	NC0020656 / WQ002526

Description of Leith Creek Wastewater Plant

Our Leith Creek Plant consist of two types of treatment, one extended aeration plant, consisting of 2 aeration basins, 2 clarifiers, 2 chlorine contact chambers and one return sludge pump station with 3 pumps, total capacity 2.0 million gallons per day (MGD).

The second plant is an oxidation ditch style with 1 clarifier, 1 chlorination point and 1 return sludge pump station with 3 dual speed pumps, total capacity 2.0 MGD, for a total treatment capacity of 4.0 MGD. The facility has 2 aerobic digesters, (1) 150,000-gallon tank and (1) 650,000-gallon tank with course air diffusers.

The City of Laurinburg is now participating in an effort to make available educational information regarding sources of household mercury and appropriate use/disposal practices. This program will facilitate public awareness regarding community collection points for mercury-containing products from residents/customers for proper disposal. Periodic reminders of such collection programs will be provided as part of the City of Laurinburg's Leith Creek WWTP.

Summary of System Performance for Calendar Year 2024

The discharge from the City of Laurinburg's Leith Creek Wastewater Treatment Plant met all permit requirements except for the following months.

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.

8/10/24 – Monthly Flow over 4 MGD Avg limit due to excessive rain for August was 6.59".

- Annual Average Daily Flow – **2,760,000** (gallons per day)
- Maximum Daily Flow/Date – **6,990,000** gallons August 10, 2024
- Total Annual Flow - **1,012,029,000** Gallons

Certification

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Dixon Medlin, Treatment Plants Director, City of Laurinburg

Annual Performance Report 2024

General Information

Facility/System Name:	Pilkington North American Wastewater Plant
Responsible Entity:	City of Laurinburg
Person In Charge/Contact:	Dixon Medlin, Treatment Plants Director Brianne Murray, ORC
Applicable Permit(s)	NC0021661

Description of Wastewater System

The Pilkington North American Wastewater Treatment Plant is permitted 0.03 MG per day and a yearly avg of 0.001 wastewater facility with the following components: extended aeration, anaerobic sludge digesters, clarifier and post chlorination. This facility treats only the domestic waste from Pilkington North American Plant.

Summary of System Performance for Calendar Year 2024

The discharge from the Pilkington North American Wastewater Treatment Plant met all permit requirements for 2024.

Notification

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Certification

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Dixon Medlin

Dixon Medlin, Treatment Plants Director
Treatment Plants Director
City of Laurinburg

Annual Performance Report 2024

General Information

Facility/System Name:	City of Laurinburg Collections
Responsible Entity:	City of Laurinburg
Person In Charge/Contact	Stacey McQuage/Collections ORC
Applicable Permit(s)	WQCS00062

Description of Collection system

The City of Laurinburg's Collection system consists of 37 pump stations located throughout the system. There are 123.7 miles of gravity sewers and 24 miles of force mains. All our systems are electronically monitored (SCADA) 24 hrs. We inspect and clean 10% of gravity sewer lines per year.

No violations for the collection system for 2024.

Dixon Medlin, Treatment Plants Director
City of Laurinburg