

Annual Performance Report 2015

General Information

Facility/System Name: City of Laurinburg Water Treatment Plant
Responsible Entity: City of Laurinburg
Person In Charge/Contact: Robert A. Ellis, Treatment Plants Director
Applicable Permit(s): NC0036773

Description of Collection System

The City of Laurinburg operates a 6.0 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.

Summary of System Performance for Calendar Year 2015

The discharge from the City of Laurinburg's Water Treatment Plant met all permit requirements except for toxicity in February, May, August and November. We are working with the regional office and the toxicity lab in Raleigh to resolve this ongoing issue. We received one NOD which required Turbidity to be measured two times a month. The tests were conducted but not reported. The report was revised and resubmitted.

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.

Robert A. Ellis, Treatment Plants Director
Treatment Plants Director
City of Laurinburg
January 19, 2016

Annual Performance Report 2015

General Information

Facility/System Name: Pilkington North American Wastewater Plant
Responsible Entity: City of Laurinburg
Person In Charge/Contact: Robert A. Ellis, Treatment Plants Director
Ricky Odom, ORC
Applicable Permit(s) NC0021661

Description of Collection System

The Pilkington North American Wastewater Treatment Plant is a 30,000 gallons per day 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 2015

The discharge from the Pilkington North American Wastewater Treatment Plant met all permit requirements and had no violations.

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Robert A. Ellis, Treatment Plants Director
Treatment Plants Director
City of Laurinburg
January 19, 2016

Annual Performance Report 2015

General Information

Facility/System Name: City of Laurinburg Leith Creek Wastewater Plant
Responsible Entity: City of Laurinburg
Person In Charge/Contact: Robert A. Ellis, Treatment Plants Director
Applicable Permit(s): NC0020656 / WQ002526 / WQCS00062

Description of Collection System

The City of Laurinburg's collection system consists of 34 pump stations located throughout the system. There are 123.7 miles of gravity sewers and 24 miles of force mains. 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 coarse 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 2015

The discharge from the City of Laurinburg's Leith Creek Wastewater Treatment Plant was in compliance for the entire year of 2015.

Summary of Sanitary Sewer Spills/Overflows:

<u>Months</u>	<u>Location</u>	<u>Volume</u>
01/12/2015	Manhole at Perk & Cleveland Streets	700 Gallons
03/06/2015	Bridge Creek@ Berwick Drive	3000 Gallons
12/15/2015	1100 Aberdeen Rd@ Food Lion	500 Gallons
12/24/2015	525 Hall St (Influent Pump Station)	400 Gallons
12/28/2015	2212 Elm Ave	600 Gallons
12/31/2015	Manhole on Port Street	400 Gallons

The regional office has been notified. Applications are in process, to obtain grant money to replace and rehab the sewer collection system.

*Note the overflows listed resulted in no environmental impact.

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