

## **Annual Performance Report 2018**

### **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 2018**


The discharge from the City of Laurinburg's Water Treatment Plant met all permit requirements except for toxicity in May 2018. We are working with the regional office and the toxicity lab in Raleigh to resolve this issue.

### **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 26, 2019

# Annual Performance Report 2018

## 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 2018

The discharge from the City of Laurinburg's Leith Creek Wastewater Treatment Plant met all permit requirements except for October 2018. We received Non-Compliant due to exceeding weekly average for fecal in week one and for the month of October 2018. The results were 215 colonies per 100 ml. Recently installed new equipment on our Sodium Hypochlorite feed system and making corrections to achieve proper feed rates had an effect on this Non-Compliance. December 2018 we received Non-Compliant for excessive flow from Inflow & Infiltration and rainfall. Plan to perform smoke testing on parts of the collection system to identify problem areas.

**Summary of Sanitary Sewer Spills/Overflows:**

<b><u>Months</u></b>	<b><u>Location</u></b>	<b><u>Volume</u></b>
09/17/2018	12381 Woodrun Dr.	800 Gallons
11/13/2018	1106 Port St.	850 Gallons
11/14/2018	Leith Creek	175000 Gallons
11/14/2018	Bridge Creek	75000 Gallons
12/10/2018	Bridge Creek	5000 Gallons
12/10/2018	Leith Creek	30000 Gallons

The 09/17/2018 spill/overflow was due to Hurricane Florence  
The spills from November and December was from excessive rainfall.

**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 24, 2019

# Annual Performance Report 2018

## 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 Brianna Murray, 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 2018

The discharge from the Pilkington North American Wastewater Treatment Plant met all permit requirements except for a Non-Compliant for Sept 2018 due to the distraction of Hurricane Florence ran only one sample of Ammonia Nitrogen.

## 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 11, 2019