

# **Annual Performance Report 2012**

## **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 2012**

The discharge from the City of Laurinburg's Water Treatment Plant met all permit requirements and had no Notice of Violation (NOV) for the year.

## **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, 2013

# **Annual Performance Report 2012**

## **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 2012**

The discharge from the Pilkington North American Wastewater Treatment Plant was in non-compliance in January 2012 due to weekly Total Suspended Residual (TSS) exceeded limit of 45 mg/L to 47 mg/L. The results for the month was 47mg/L.

## **Corrective Measures**

Collect and analyze additional samples in the future to prevent non-compliance.

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Robert A. Ellis, Treatment Plants Director  
Treatment Plants Director  
City of Laurinburg January 24, 2013

# Annual Performance Report 2012

## 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.

## Summary of System Performance for Calendar Year 2012

The discharge from the City of Laurinburg's Leith Creek Wastewater Treatment Plant was in non-complaint for the month of May due to low level Mercury exceeding the monthly limit.

## Corrective Measures

The regional office has been notified of these results and will monitor and investigate in the future the source of the contaminant.

## Summary of Sanitary Sewer Spills/Overflows:

<u>Months</u>	<u>Location</u>	<u>Volume</u>
02/13/2012	12381 Woodrun Drive	100 Gallons
08/20/2012	17080 Wagram Road	300 Gallons

Sanitary sewer overflow events did not exceed 1000 gallons and are non-reportable.

\*Note the overflows listed resulted in no environmental impact.

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Robert A. Ellis, Treatment Plants Director  
Treatment Plants Director  
City of Laurinburg  
January 24, 2013