

2020 Brunswick Regional Water & Sewer, H2GO Wastewater Collection System Annual Report

Permittee Brunswick Regional Water and Sewer H2GO
P. O. Box 2230
Leland, NC 28451

Responsible Person: Brandon Faircloth
ORC

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Permit No.: WQCS00333
Name: Leland Collection System

The network of pipes that constitutes the wastewater collection system includes over 70 miles of gravity pipeline and 12 miles of pressure pipeline ranging in size from 4” to 16” diameter. The gravity pipelines receive flow from over 6500 connections and transports it to one of thirty (30) pump stations. The wastewater is then pumped via the pump stations and pressure pipelines to the Northeast WWTP which is owned and operated by Brunswick County, where it is treated prior to being returned to the Cape Fear River. This network of pipelines and pump stations collects and transports of 946,000 gallons of wastewater every day from homes and businesses in the Town of Leland.

Our wastewater collection system is operated and maintained under a system-wide Wastewater Collection System Permit (WQCS00333) issued by the State of North Carolina Division of Water Resources. Construction of the system is accomplished through individual non-discharge permits issued by the State for each new extension. The ORC of the system is Brandon Faircloth, Public Utilities Superintendent, phone number 910-332-5088.

PERFORMANCE

The Town of Leland is routinely working to maintain and improve the efficiency of our Collection System by increasing routine maintenance of lines and lift stations and participating in an ongoing education program in which citizens are instructed in the importance of proper disposal of household waste, including fats, oils, and grease. The Town is encouraging its citizens and system users to recycle used cooking oil and avoid the use of “flushable” wipes.

Sanitary Sewer Overflows (SSO’s): Sanitary sewer overflows may result from a variety of causes: inflow and infiltration due to high water levels; blocked pipes from rags, roots, and grease accumulation; broken lines from corrosion or construction activity; power failures at pump stations within the system. The Town of Leland Collection System had zero reportable sewer SSO during this report period. The Town was in compliance with all other conditions of the permit.

EDUCATION

My sewer is stopped up! I don't understand why it's not working right!

My toilet won't flush; what's wrong?

In the Wastewater Collections Department, we hear this on a daily basis, however most sewer problems can be prevented *BY THE CUSTOMER*. The majority of stop ups are caused by a buildup of grease in the lines. You can help prevent SSO (Sanitary Sewer Overflow) by reducing the amount of grease and fats that's put into the wastewater system. Your friends in the Wastewater Collections Department are trying their best to prevent problems in the wastewater collection system, please help them out by NOT pouring fats, oils, or greases (FOGs) down the drain. The work we have to do to handle grease and oils in the collection system makes operating cost go up, and when operating cost go up, so does the cost of living.

PLEASE HELP KEEP COST DOWN BY FOLLOWING THESE SIMPLE GUIDELINES:

- **DON'T** pour FOG from cooking down the drain.
- **DON'T** put anything down the drain that doesn't belong there; paper towels, personal hygiene products, food scraps (unless you have a garbage disposer), disposable diapers, or any other foreign objects.

In addition to blockages, *INFLOW AND INFILTRATION* sometimes causes SSO's during heavy rains. Missing and broken cleanout caps, broken or improperly set manhole lids, contribute to this problem. Be observant when you drive and travel around the BRWS district and let us know if you see anything that doesn't look right. A single broken cleanout can allow up to 4,600 gallons of water to enter the wastewater system each hour. All this adds to higher treatment cost for BRWS.

NOTIFICATION

A copy of this report can also be found on our website; <http://www.H2GOonline.com/annual-reports>.

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.

Brandon Faircloth, ORC
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