

Jody L. McLeod
MAYOR

Bruce Thompson
TOWN ATTORNEY

Steve Biggs
TOWN MANAGER

Premier Community



for Active Families

Bob Satterfield
Art Holder
Jason Thompson
R.S. "Butch" Lawter, Jr.
COUNCIL MEMBERS

Michael Grannis
MAYOR PRO TEM

August 16, 2016

The Clayton News Star
109 Ellington Street
Clayton, NC 27520

ATTN: LEGAL DEPARTMENT

In accordance with NC House Bill 1160 and the Clean Water Act of 1999, the Town of Clayton makes available an annual Wastewater System Performance Report. One of the means provided to accomplish this is for a newspaper that has circulation in the service area to publish the following information:

The Town of Clayton's FY 2015-2016 Wastewater System Performance Report is now available. A copy of the report may be obtained from the Operations Center on NC 42 West. To obtain a copy by mail, please call 919-553-1530. It may also be viewed on-line at the Town's Web Site (www.townofclaytonnc.org).

Thank you for the help with this.

Sincerely,

A handwritten signature in black ink, appearing to read "T.S. Simpson".

Timothy S. Simpson, PE
Public Works and Utilities Director

Cc: Stacy Beard, Public Information Officer

**Wastewater System Performance Annual Report
Fiscal Year 2015-2016
Town of Clayton**

I. General Information

Responsible Entity: Town of Clayton

Wastewater Treatment Facility Name: Little Creek Water Reclamation Facility (LCWRF)

ORC: James Warren--LCWRF

Byron Poelman--Collection System

NPDES Permit: NC0025453 (LCWRF)

Collection System: WQCS00110

Laboratory Certification: 348

Description of Treatment Process and Collection System: The LCWRF is comprised of an automated barscreen, grit chamber, sampling station, flow monitoring, dual oxidation ditches with biological nutrient removal, tertiary filter, ultraviolet disinfection, standby chlorination & dechlorination, sludge thickening , aerated sludge storage and reclaim water. The wastewater collection system is comprised of 31 lift stations, approximately 108 miles of gravity sewer and approximately 28 miles of force main.

II. Performance

The collection system recorded a good performance record for the twelve-month period from July 1, 2015 to June 30, 2016. The facility met all the permit conditions during the period.

Sanitary sewer overflows that release 1,000 gallons or more and/or enter surface waters must be reported to the State of North Carolina.

The treatment facility treated 511,810,974 gallons during the period and met NPDES permit limits.

The treatment facility experienced 0 spill(s) during the period.

The treatment facility delivered 10,834,773 gallons of reclaimed water to Pine Hollow Golf Course.

The collection system had 4 overflows during the period that did not meet the reporting criteria. The collection system had 1 overflow during the period that did require reporting which is listed below:

Reportable Collection System Sanitary Sewer Overflows

Date	Location	Gallons	Cause
12/31/15	62 Sleepy Creek Dr.	600	Broken clean out cap and MH epoxy

Corrective measures for the overflow included cleaning the line(s) involved and the immediate area(s) in accordance with State guidelines. Chemical Root Control was used throughout the year on lines with roots to avoid an SSO. The system also distributed Grease Public Education materials to all residents in accordance with requirements. No environmental impacts or adverse health effects were detected.

The following improvements were made to the collection system during the twelve-month period:

1	Sewer Easement Stabilization/Repairs	\$37,700
	Mial St. Outfall, Access and Erosion restoration, \$21,200	
	Walnut Creek Outfall, Access and Erosion restoration, \$16,500	
2	L/S Emergency By-pass pump installation	\$219,872
	Glen Laurel #1 L/S, \$138,649	
	Glen Laurel #2 L/S, \$81,223	
3	Chemical Root Control	\$10,535
4	High Priority Line Improvements	\$20,736
	NRLS# 1 Outfall Creek Crossing Improvement, \$15,250	
	Walnut Creek Outfall Creek Crossing Replacement \$17,575	
	Regency Dr. Outfall, Creek Crossing Replacement, \$16,500	
5	Glen Haven L/S, Pump Base and Discharge Piping Replacement	\$11,175
6	Clearing/Vegetation Control on easements	\$6,290
7	Manhole I&I rehab	\$79,125
8	Johnson Dr. sewer line relocation	\$65,462
9	Easement Acquisition Rollingwood Gravity sewer extension	\$55,714
10	2014 Street Improvement Project sewer replacement	\$312,219
11	WiFi Project for Scada alarm communication improvement	\$7,385
12	Continue CMMS Development	\$235,621
13	CAT 908H2 Wheel Loader	\$85,639
14	Service Truck Replacements (3)	\$102,680
15	Portable Back Up Emergency Generator	\$18,260
16	Sewer Service Line Camera System Replacement	\$19,326
17	UTV for outfall Inspection, Replacement	\$9,900
18	Vactor Truck, 2100 Plus, Lease/Purchase	\$56,459

The cost of these improvements was approximately

\$ 1,354,098

The following improvements were made at the treatment facility during the twelve-month period.

- Nutrient Optimization Project

The cost of these improvements was approximately

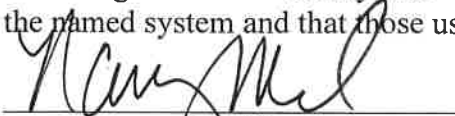
\$ 405,935

III. Notification

A notice of availability is published in the Clayton News-Star and at www.townofclaytonnc.org. A report may be picked up from the customer service counter at Town Hall or the Operations Center at 653 NC 42 West. Customers may also call 919-553-1530 to request a copy by mail. It may also be viewed on-line at the Town's Web Site (www.townofclaytonnc.org).

IV. 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.



Nancy Medlin
Interim Town Manager

8/16/16
Date

This report is drafted to meet the reporting requirements established in House Bill 1160 and the Clean Water Act of 1999.