

**Annual Wastewater System Performance Report
Fiscal Year 2021-2022
Town of Clayton**



Town of Clayton, North Carolina

Annual Wastewater System Performance Report

August 2022

The collection system had 3 overflows during the period that did not meet the reporting criteria. The collection system had 7 overflows during the period that did require reporting which are listed below:

Reportable Collection System Sanitary Sewer Overflows

Date	Location	Gallons	Cause
08/25/21	8368 US Hwy 70 Bus W	500	Faulty Air Release Valve
02/11/22	1000 Durham St.	7,200	Contractors bypass pump failed
03/15/22	317 S. Robertson St.	210	Roots and leaking joints in VCP pipe
03/17/22	1000 Durham St.	44,800	Contractors bypass pump fail/heavy rain
03/24/22	1000 Durham St.	18,000	Contractor bypass couldn't keep up with heavy rain inflow
03/31/22	11306 US Hwy 70 Bus W	135	Grease from restaurant
04/28/22	8368 US Hwy 70 Bus W	13,500	Contractor hit line

Corrective measures for the overflows included line repairs, cleaning the line(s) involved and the immediate area(s) in accordance with State guidelines, I & I Investigation. 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. The Town held the contractors to more stringent requirements on projects. No environmental impacts or adverse health effects were detected.

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

1	Clear CAT FM easement	\$34,440
2	New Pumps & impeller kits 6 lift stations	\$60,196
3	Chemical Root Control	\$5,820
4	Clearing/Vegetation Control at LIS and on easements	\$6,540
5	CIPP lining of outfall and Main St. & Manholes	\$302,381
6	Blanch & O'Neil St. sewer replacement design	\$20,000
7	Liberty/West Main abandonment design	\$4,165
8	City Rd. LIS abandonment design	\$15,043
9	Starmount LIS abandonment design	\$40,617
10	Hamby St. sewer replacement design	\$21,400
11	ECIA new FM design to new WRF	\$614,532
12	Little Creek gravity construction & engineering	\$640,115
13	New Ven-trac mower for easement cutting	\$30,745
14	New software (NAASCO) for CCTV equipment	\$19,900
15	Little Creek LIS design, transmission line construction/design	\$1,138,588
16	Replace one truck & add two to fleet	\$146,080

The cost of these improvements was approximately

\$3,100,562

In addition to the above projects the Town added two positions, a FOG Compliance Technician and a lift station Pump Technician to assist with the operating of the collections system. The Town is currently under a Town wide job classification/pay study review.

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

- Generator Control upgrade: \$34,980
- Bar Screen Basket replacement: \$15,005
- Grit Classifier Screw replacement: \$12,580

The cost of these improvements was approximately **\$62,565**

Construction & clearing for the new Sam's Branch Water Reclamation Facility started with the site and access road being graded and materials purchased.

The cost of this work and design was approximately **\$14,614,594**

III. Notification

A notice of availability is published in the Johnstonian News 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.


Rich Cappola, Interim Town Manager

7/28/22
Date

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



TOWN OF CLAYTON

Public Works, Water/Sewer, & Electric
653 NC Hwy 42 W., P.O. Box 879
Clayton, NC 27528
Phone:919-553-1530
Fax:919-553-1541

August 1, 2022

System Performance Annual Report
North Carolina Division of Water Quality
1617 Mail Service Center
Raleigh, NC 27699-1617

In accordance with House Bill 1160 and the Clean Water Act of 1999, three copies of the Wastewater System Performance Annual Report for FY 2021-2022 are being sent to you for NPDES Permit # NC0025453, Laboratory Certification # 348 and Collection System Permit # WQCS 00110.

If there are any questions concerning the report or any further information is required, please contact the Operation Center at (919)553-1530.

Sincerely,

James E. Blalock
Water Resources Maintenance Superintendent



ThinkDN,
CLAYTON,



TOWN OF CLAYTON
Public Works, Water/Sewer, & Electric
653 NC Hwy 42 W, P.O. Box 879
Clayton, NC 27528
Phone:919-553-1530
Fax:919-553-1541

August 1, 2022

The Johnstonian News
614 E. Market St.
Smithfield, NC 27577

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 2021-2022 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,

James E. Blalock
Water Resources Maintenance Superintendent

Cc: Nathanael Shelton, Public Information Officer