



TOWN OF HERTFORD
Collections System and Wastewater Treatment Plant Performance Report
2023

I. General Information:

Facility Name: Town of Hertford Collections System
Town of Hertford WWTP

Responsible Entity: Town of Hertford

Contact Person: Janice McKenzie Cole
Town Manager

Applicable Permits: NPDES NC0021894
Collection System WQCS00209
Land Application of Residuals WQ0020239

A. Description of Process:

The Town of Hertford wastewater collection system is gravity flowed to 19 lift stations then through force mains to the Wastewater Treatment Plant.

The town also treats the wastewater from the Town of Winfall. That wastewater flows by gravity to six pumping stations then through a force main to the treatment plant.

The treatment facility is a 0.700 MGD oxidation ditch activated sludge process. The facility combines physical processes with biological processes to treat the wastewater. These include automatic screens to remove trash and grit and activated sludge oxidation ditches to remove biodegradable solids and reduce the ammonia concentration. The plant also has two secondary clarifiers to remove solids to be returned into the plant or to be disposed of. There is an aerobic digester to treat the solids removed and a storage tank to hold them until they can be hauled to permitted fields. Then the water passes through tertiary disc filters which treat the effluent to a high quality. Chlorine is added to disinfect the water, and then sulfur dioxide is added to remove the chlorine. The treated water is then sent to the Perquimans River. The facility produces a high-quality effluent to help protect the environment.

II. Performance Summary:

A. **Collections System:**

The collections system had one reportable spills this year which the Town received a Notice of Violation (NOV) for.

- Willow Street December

B. **Treatment Facility:**

The treatment facility had no Notice of Violation (NOV) and no Notice of Deficiency (NOD).

All of these incidents and violations were reported to the appropriate agencies in accordance with state regulations.

III. Notification:

Copies of this report are available in the following locations:

- Town Office
- Public Works Building
- Town of Hertford Water Plant
- Town of Hertford Wastewater Treatment Plant

Availability of this report will be published in the Perquimans Weekly newspaper.

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 customers of the Town of Hertford and those users have been notified of its availability.



Janice McKenzie Cole
Town Manager
Town of Hertford

March 14, 2024