

Marshville Annual Wastewater Performance Report

The Town of Marshville Public Utilities Department is pleased to present its 2022/2023 Annual Wastewater Performance Report. This report covers the time period from June 30, 2022 to July 1, 2023. The report summarizes the performance of the sewer collection and identifies the extent to which any terms of its permit, federal laws, state laws, regulations or rules related to the protection of water quality have been violated.

In accordance with House Bill 1160 of the Clean Water Act of 1999, the owner and/or operator of any wastewater treatment works or wastewater collection system that treats or collects primarily domestic or municipal wastes must provide an annual report that summarizes the treatment works or collection system performance over a 12-month period to its users or customers and to the North Carolina Department of Environment and Natural Resources.

The Town's underground water utilities consist of a maze of pipes, valves and pumps. The system that distributes the water to the customer is called the distribution system, and the system that collects the wastewater and transports it to wastewater treatment facilities is called the collection system better known as the sewer system. Marshville's collection system is made up of 27 miles of pipeline, 452 manholes, and 4 pumping stations. Public Works is responsible for day-to-day operations of the system.

Every year our staff must clean and inspect a minimum of 10% of the gravity lines in the system. The majority of sewer calls answered by staff are for blockages in customer service lines as a result of grease or obstructions in the lines. The Town has not had any spills during the June 30th 2022 to July 1 2023-time period.

The Town continues to repair the wastewater system as outlined in our Sewer Asset Inventory and Assessment Study and the resulting Capital Improvement Plan. We have sealed some man-holes with watertight lids and repaired others. In addition, we have replaced some pipes and have fixed others. We continue to seek additional funds to do more repairs.

We have received an ARPA allocation from the state of North Carolina, allowing us to re-route the sewer flow that is presently going to Monroe (via Union County) to begin flowing to Anson County. Marshville and Anson have already signed an inter-local agreement for increased flows, increasing our capacity and allowing future development.

We are presently seeking money to fund a second phase of this project. More capacity can lead to future development that would mean more customers to bear the cost of the system. In time, this could lead to lower utility bills for the customers.

Marshville's ongoing sewer study that consisted of smoke testing, manhole evaluations, mapping, cctv and flow tracking was completed during this year. The Town is using the study to make necessary repairs throughout the sewer system based on severity.

This report is available at Town Hall or on the Town's website (www.Marshville.org). If you would like a copy of the report, please contact Town Hall at (704)624-2515.