

Town of Bailey
Annual Wastewater Performance Report
(January 2020 – December 31, 2020)

I. General Information

Facility/System Name: Town of Bailey

Responsible Entity: EnviroLink, Inc.

Person in Charge/Contact: William Lamm

Applicable Permit (s): WQ0002560

We are pleased to present your Wastewater Annual Report. The Clean Water Act of 1999, passed by the North Carolina Assembly, requires Utilities to provide an annual report to their wastewater customers. This report summarizes the performances of your wastewater treatment plant and collection system over a 12-month period (January 1, 2020-December 31, 2020).

Description of Collection System and Treatment Process

Wastewater Treatment System: 133,430 GPD surface irrigation treatment disposal facility consisting of an influent bar screen, a grit removal chamber, a parshall flume and flow meter, a 3.5 acre primary facultative lagoon, a 115 GPM pump station with dual pumps, approximately 11,760 linear feet of six-inch force main, a 5.69-acre stabilization/storage lagoon, chlorination facilities, dual 1,000 GPM irrigation pumps, approximately 42.52 acres of wetted spray irrigation disposal/treatment area and an additional 29.73 acres have been added with the divisions approval. 12,876,426-gallon storage lagoon, a transfer pump station with two 550 GPM transfer pumps, an intermediate pump station with two 400 GPM transfer pumps, approximately 42.70 acres of spray irrigation area, and all associated piping, valves, controls, and appurtenances.

January 2020-Monthly Average Flow was 56,337 Gallons

February 2020-Monthly Average Flow was 156,935 Gallons

March 2020-Monthly Average Flow was 58,528 Gallons

April 2020-Monthly Average Flow was 47,943 Gallons

May 2020-Monthly Average Flow was 82,364 Gallons

June 2020-Monthly Average Flow was 90,905 Gallons

July 2020-Monthly Average Flow was 37,679 Gallons

August 2020-Monthly Average Flow was 66,062 Gallons

September 2020-Monthly Average Flow was 102,144 Gallons

October 2020-Monthly Average Flow was 159,659 Gallons

November 2020-Monthly Average Flow was 342,684 Gallons

December 2020-Monthly Average Flow was 103,218 Gallons

The Town of Bailey exceeded the average monthly flow during each month except for July 2020.

II. Performance

Wastewater Treatment Plant

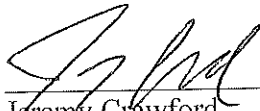
During the calendar year of 2020, the flow meter was calibrated, and various equipment upgrades were completed. We are happy to report the WWTP did not receive any Notice of Violations for the 2020 reporting year. In 2020, the average daily flow that was treated at this facility was 108,705.

III. Notification

This report was submitted to the authorities of the Town of Bailey for distribution.

IV. Certification

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I certify that this report has been made available to users or customers of the named system and that those users have been notified of its availability.



Jeremy Crawford
Town Clerk

10/06/2021
Date