

TOWN OF BAILEY

Annual Wastewater Performance Report

(January 01, 2021 – December 31, 2021)

I. General Information

Facility/System Name: Town of Bailey WWTP

Responsible Entity: EnviroLink, Inc.

Person in Charge/Contact: William Lamm, ORC

Applicable Permit (s): WQ0002560 and WQCSD0003

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, 2021-December 31, 2021).

Description of Treatment Process and Collection System

- **Wastewater Treatment System:**
- *operation of a 43,200 gallon per day (GPD) wastewater collection, treatment, and irrigation facility consisting of the:*
- *continued operation of a wastewater collection system consisting of 278 linear feet (LF) of eight-inch gravity interceptor sewer; and all associated piping, valves, controls, and appurtenances; the*
- *continued operation of a 90,000 GPD wastewater treatment facility consisting of: a manually cleaned bar screen; a 2.15-acre treatment and storage lagoon capable of providing a minimum of 29 days of storage; a dual chlorinator system; and all associated piping, valves, controls, and appurtenances; and the*
- *continued operation of a 43,200 GPD wastewater irrigation system consisting of: an irrigation pump station with dual 234 gallon per minute (GPM) vertical turbine pumps; approximately 2,100 LF of six-inch force main; a 12.94-acre spray irrigation area; and all associated piping, valves, controls, and appurtenances.*
- **Collection System:**
- *The wastewater collection system consists of 21,225 linear feet of pipe, 3 pump stations and 3 high priority aerial sewer lines.*
- *All pump stations have telemetry and connections for portable generators.*
- *The Town has developed and maintains a complete map of the collection system.*
- *An operation and maintenance plan, including pump station inspection, preventative maintenance, and overflow response is available at each pump station.*

Description of the Pump Stations:

- *There are three pump stations located in the town. All have identification signs, secured access, appeared in good condition and were free of excess debris. All audible and visual alarms functioned when tested in 2022. The pump stations are located as follows:*
 - *Main Street*
 - *Reid Street*
 - *Vance Street*

II. Performance: There were no Sanitary Sewer Overflows for the time period of January 01, 2021, through December 31, 2021.

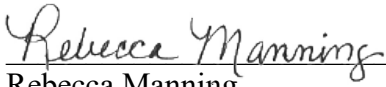
The Town of Bailey exceeded the average daily flow during the calendar year due to Inflow and Infiltration. The average daily flow for 2021 was 49,070 gallons/day. **To help reduce the flows even further, please report to the Town if you have a broken clean-out so that we may repair those as quickly as possible to keep unwanted rainwater out of the collection system. Also, please do not use the clean-out as a method to drain standing rainwater that may have ponded on your property. Doing so is detrimental to the collection system and the Town's wastewater system.**

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.



Rebecca Manning
Compliance Coordinator
Envirolink, Inc.

7/27/2022

Date