

Town of Ahoskie  
Wastewater BNR Plant/Wastewater Irrigation System  
Annual Performance Report  
2024

**General Information:**

Facility/System Name: Town of Ahoskie

Responsible Entity: Town of Ahoskie

Person in Charge/Contact: Jonathan Hoggard, ORC

Address: 208 Johnny Mitchell Road, Ahoskie, NC 27910

Telephone: 252-332-1938

Applicable Permit(s): NC0088561 & WQ0003885

**Description of Collection System or Treatment Process:**

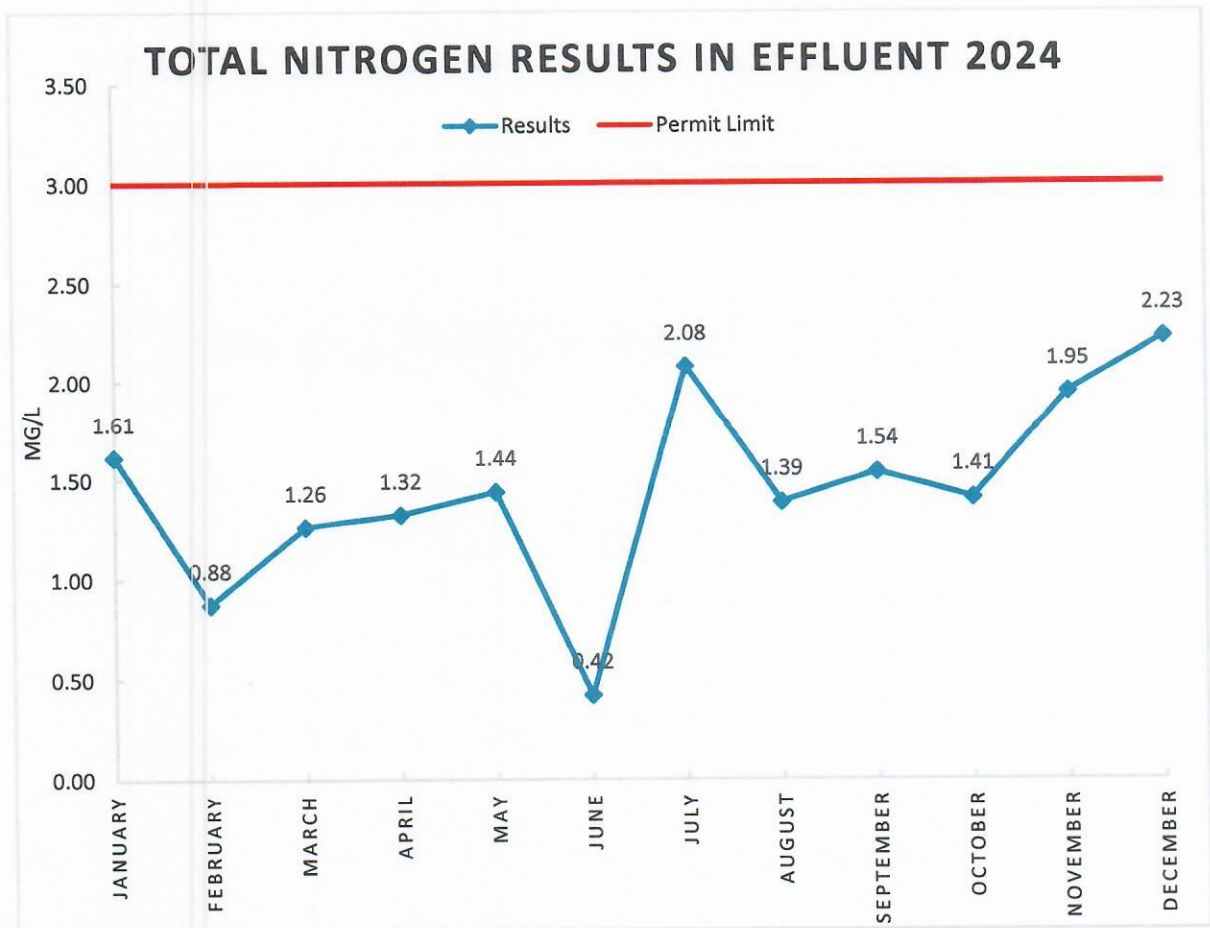
Wastewater treatment uses physical, biological, and chemical processes to remove pollutants from water so it can be safely returned to the environment. The wastewater BNR plant is rated to handle an average of 1.3 million gallons per day. The BNR plant discharges to the Ahoskie Creek in the Chowan River Basin. The spray irrigation system consists of a 406,000 gallon per day irrigation facility having 189.43 acres of disposal area with no discharge of wastes to surface waters and a conjunctive reclaimed water system with five utilization sites.

**Performance:**

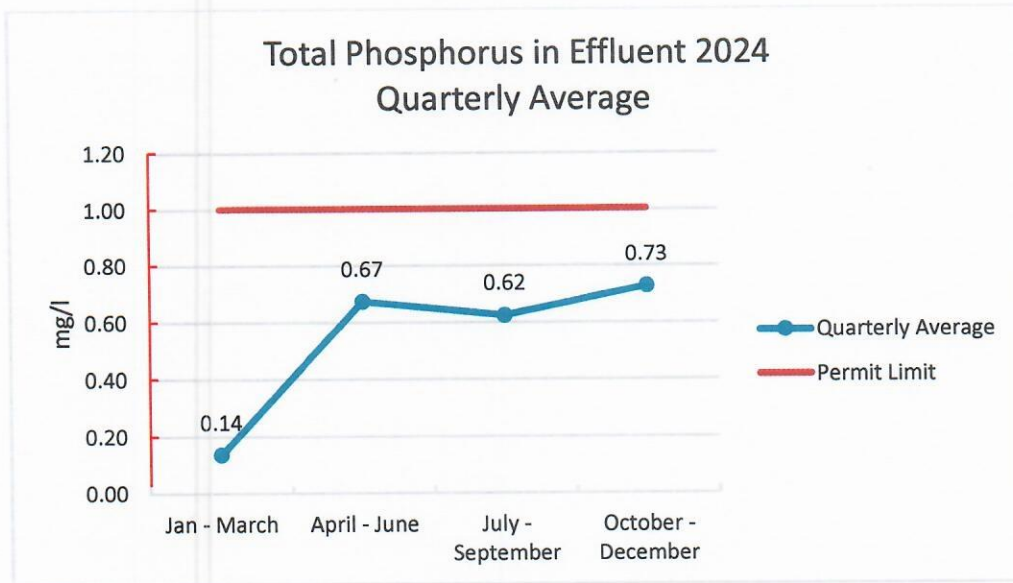
The Wastewater plants treated approximately 247.0 million gallons of wastewater in 2024. The monthly average flow was 20.59 million gallons, and the daily average was 0.68 million gallons. The annual removal rate for the oxygen demanding pollutants at the BNR plant was 99.6%. The average biological oxygen demand for the effluent was <2.0 parts per million.

The annual removal rate was 99.8% for total suspended solids. The average annual total suspended solids for the effluent was <2.5 parts per million. The average annual total nitrogen discharged to the Ahoskie Creek was 1.46 parts per million (See Figure 1). The average annual total phosphorus discharged to the Ahoskie Creek was 0.54 parts per million (See Figure 2). In 2024, there was not any digested sludge hauled off site by Granville Farms, Inc. Approximately 1.5 million gallons of digested sludge was applied on land at the WWTP per permit WQ0036706. The Wastewater Irrigation System had an inflow of approximately 4.7 million gallons along with 42.0 million gallons of rainwater. Approximately 13.2 million gallons was applied on 189.43 acres (See Figure 3). Reclaimed water was not applied to the utilization sites in 2023 (See Figure 4).

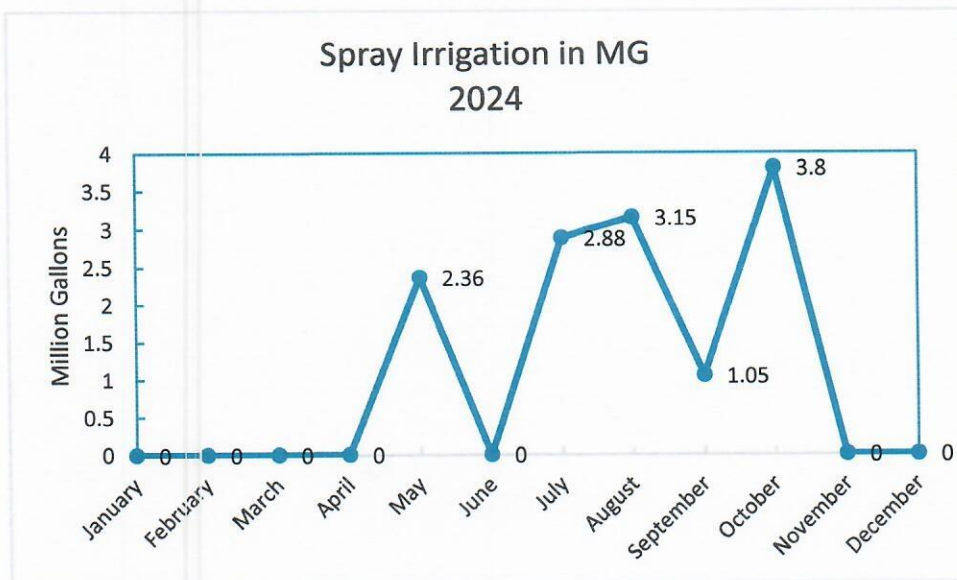
**Figure 1**



**Figure 2**

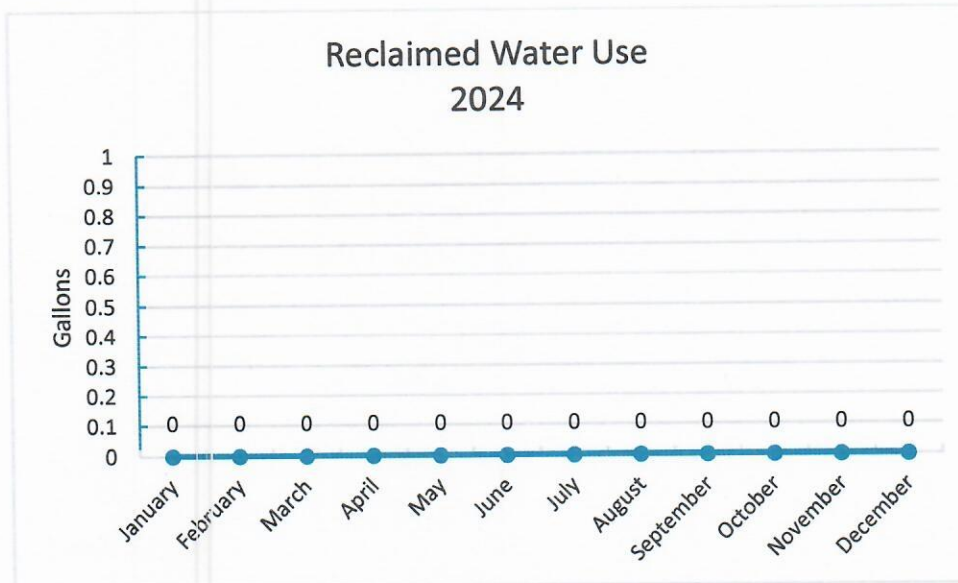


**Figure 3**





**Figure 4**

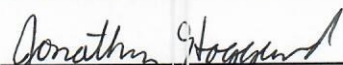


**Notification**

This information is required by North Carolina General Statute 143-215.1C. A notice will be placed on the water and sewer bill for one billing cycle including information on how to obtain this report. The report will be posted on the Town of Ahoskie website at [www.ahoskie-nc.org](http://www.ahoskie-nc.org).

**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 and customers of the Town of Ahoskie Wastewater System and that those users shall be notified of its availability.

  
\_\_\_\_\_  
Responsible Person: Jonathan Hoggard  
Title: ORC  
Entity: Town of Ahoskie

1-31-25  
\_\_\_\_\_  
Date