

# PUBLIC UTILITIES DEPARTMENT

## Wastewater Treatment 2025 Annual Performance Report



The Rogerson Wastewater Treatment Facility has a design capacity of 4.5 MGD million gallons per day (MGD) using an Activated Sludge Process to biological treat wastewater and disinfects with chlorine for pathogen reduction. The treated wastewater is permitted for discharge into the Pasquotank River. The biological sludge byproduct is thickened and stabilized with lime to meet EPS Class B requirements then land applied to permitted sites (WQ0002883) for beneficial agricultural use as a soil amendment.

The State Lab Division inspected the facility's field lab, which is finalized its recertification this year. The plant's draft discharge permit was received and finalized. A table of select permit criteria and a table of permit limit exceedances is provided below:

Month	Violation	Comment
June	BOD, Carbonaceous 05 Day, 20 C (Weekly Average Exceeded)	Solids buildup in Aeration Basins resulted in shortened detention time in the treatment process
June	BOD, Carbonaceous 05 Day, 20 C (Monthly Average Exceeded)	Solids buildup in Aeration Basins resulted in shortened detention time in the treatment process

Permit Number	Monthly Average Limit	Weekly Average Limit
NC0025011		
Flow	4.5 MGD	
TSS	30 mg/L	45 mg/L
Ammonia	35/100 mg/L	276/100 mg/L
April-October	4mg/L	12 mg/L
November-March	8 mg/L	24 mg/L
Chlorine (Daily)	13 µg/L	
Enterococci	35 MPN	276 MPN
pH (Daly)	6.8-8.5 su	

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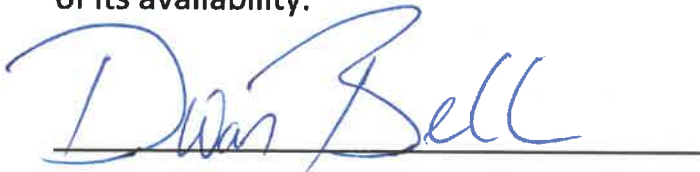
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Date	Location	Volume (Gallons)
April 4, 2025	1108 N. Road St.	300
April 5, 2025	1701 River Rd.	2,000
April 13, 2025	1239 N. Road St.	300
December 5, 2025	1100 Rivershore Rd.	14,000

### Contact Information

**System Name: Rogerson Wastewater Treatment Plant**  
**Responsible Entity: City of Elizabeth City**  
**Wastewater Treatment Superintendent: Andrew Edwards**  
**Collections System Superintendent: Julius Williams**  
**Address: 410 Pritchard St., Elizabeth City, NC 27909**  
**Telephone: 252-337-6628**

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 City of Elizabeth City and that those customers have been notified of its availability.



Dwan Bell, M.P.A., Public Utilities Director