



**Public Works and Utilities
Quarterly Report
Third Quarter 2022**

Please accept this as the quarterly report for the Public Works and Utilities Departments.

Public Works:

- Town crews continued to clean up from the summer storms. This resulted in almost 500 tons of debris.
- Assisted in the installation of Eva Walker Commemorative Park.
- Assisted in The Town Limits Event
- Removed and replaced the retaining wall and repaved the road on Warrenton Boulevard.
- Created and installed the 4 way stop at Oak Springs Drive.
- Installed asphalt road to the pump station behind Taylor Middle School.
- Hired a new Project Coordinator.
- Trimmed a lot of low hanging limbs in various sections in the Town.
- Installed drainage culvert pipe on East Street.
- Staff completed confined space training.
- Started ADA entrance at the Police Facility.
- Conducted a tour for the engineers at The Waste Water Treatment Plant.
- Repaired a storm structure on Garrett Street.
- Implemented a new CDL training program at the Public Works Department. 8 employees have successfully completed the first phase of this program.

Public Utilities:

- 1 New service lines installed.
- 2 Main lines repaired
- 1 Sanitary sewer lines Installed 2 Sanitary sewer lines repaired.

Meter Dept:

- 4 Meter installed. 8 Meters replaced.
- 4 Water connections issued.
- 19 Average monthly Water cut-ons/off.
- 41 Meter registers replaced (Aug.).

Community Outreach:

- The Stormwater Team started a new educational activity for third through fifth graders in the Town schools.

Engineering & Project Status:

Project Reviews:

- Staff coordinated with VDOT and Dominion Power for the street light improvements to convert 33 existing light heads to LED lights and 16 new poles.
- **Inflow and Infiltration Reduction into the Sanitary Sewer System:** Our Rehabilitation Contractor, TriState, relined the pipes at the end of October.
- **Automated Water Filling Station, Corral Farms:** The project was awarded to the lowest bidder Deborn Construction, Inc., for \$446,000. Public Utilities will request Council to appropriate an additional \$230,857., so this worthy project can move to construction.
- **Timber Fence trail, Segment 2:** The Project designers, LPDA and Carson Land Consultants, have been provided Requisitions to complete the plan and plat preparation.
- **Stormwater Utility and MS-4 Permitting:** Staff continues to work with the Villa's of Warrenton HOA and the Hampton Inn for a Stream Restoration Project across their properties. This will be a large step toward the Town meeting its permit goals set by DEQ. Much needs to be done to bring this in within the timeframe required to meet the DEQ permit deadlines. The Town is in jeopardy of not having the project far enough along to obtain the credits needed to meet our DEQ nutrient mandates. Town will need to buy some credits from a commercial bank on a temporary basis until the project is completed. The Town will also need to find additional opportunities to reduce Nitrogen, which the WWTP can temporarily help with until we get our Septic Tank decommissioning program underway.
- **WWTP:** WWTP Staff is planning to re-bid the improvements to the Gravity Sludge Thickener that was delayed due to insufficient funds. The WWTP blower motors at the new MBBR blower building were repaired and functioning well. There is still a dispute about the cause of the blower failure and whether the warranty will cover it. The UV Disinfection light system is installed and functioning well. The Secondary Clarifier #1 is back operational, and the staff is preparing to award a contract to replace the existing drive. Progress is being made in cleaning out the excess sediment from the denitrification filters and reducing the amount of sludge accumulated in the plant.

Storm Water Management:

- SUP under review: Waterloo Junction / Farrish Properties, Warrenton Village Mixed-Use Center, Chick-fil-A.
- Warrenton Dog Park Stream Restoration Project SLAF Grant Application preparation with RES consultant.
- SDP / Plat / Dees approved: Subdivision- 50 Oak Street.
- Received Bid tabulations for the 5th. Street Parking Lot Bio Swale and Garrett Street Facility Projects.

Water Treatment:

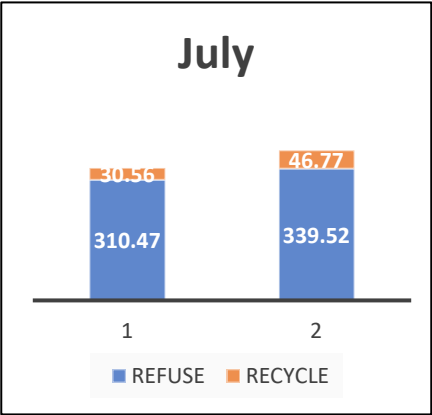
- Total Gallons Produced: 105.721 million gallons
- Daily Average Produced: 1.131 million gallons
- All operational reports met state and federal compliance regulation parameters.
- No violations or complaints reported.

Wastewater Treatment:

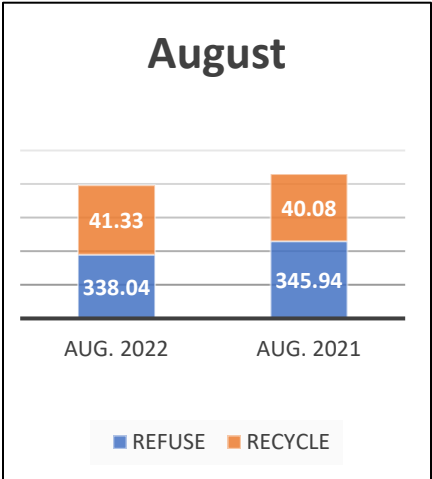
- Total Gallons Treated: 140.36 million gallons
- Daily Average Treated: 1.52 million gallons
- All operational reports met state and federal compliance regulation parameters.
- No violations or complaints reported.

Refuse and Recycling tonnages

	JULY	JULY
	2022	2021
REFUSE	310.47	339.52
RECYCLE	30.56	46.77



	AUG.	AUG.
	2022	2021
REFUSE	338.04	345.94
RECYCLE	41.33	40.08



	SEP. 2022	SEP.
		2021
REFUSE	317.01	326.28
RECYCLE	30.21	61.71

