



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

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

Public Works:

- 7 Burial permits issued.
- 5 Town employees have started their CDL training through the Towns CDL Licensing Program.
- Town crews assisted with many Holiday events including the Town Parade.
- Town crews collected over 215 tons of leaves during the pickup.
- Came in preparation for inclement weather that was forecasted. Senior employees are training new employees the routes and use of the equipment.
- Repaired the rock wall on Horner Street.
- Installed (3) benches and concrete slabs in Rady Park.
- Worked on the bricks in the sidewalks on South 5th. Street, Main Street. This improves our walkability program.

Public Utilities:

- 1 New service lines installed.
- 2 Main lines repaired.
- 0 Sanitary sewer lines installed. Total of 0 Feet.
- 0 Sanitary sewer lines repaired.
- Staff oversaw the relining of the sewer lines at Jackson Street & Garret Street, done by a contractor.
- Staff performed the fall flushing of the fire hydrants.
- Continued with the FEMA Emergency Responder Training.
- Removed auto-flushers for the winter.
- Installed a water sampling station at 167 Piedmont Street.
- Replaced a broken fire hydrant #163 by the Rescue Squad.

Meter Dept:

- 2 Meter rebuilt/repared. 8 Meters replaced. 60 Meters Read/transfer.
- 4 Water connections inspected.
- 39 Water cut-on/offers total. 20 Non-payment. 19 Repairs/non-use.
- 141 Meter registers replaced.
- 9 Meter boxes/lids Repaired/Uncovered

Water and Sewer Taps Committed & Available for Sale:

(Based on the December 2002 Capacity and Growth Evaluation, Performed by Whitman Requardt & Associates)

Residential:

821.5 In Town Water

275 Out-of-Town Water

708 In Town Sewer

281 Out-of-Town Sewer

***Taps Committed for St Leonards Farm- Water & Sewer

Approved 45 Number Purchased to date 0 Number left 45

***Taps Committed for Fletcherville - Sewer Only

Approved 44 Number Purchased to date 42 Number left 2

***Taps Committed for Millfield- Water & Sewer

Approved 42 Number Purchased to date 41 Number left 1

***Taps Committed for Whites Mill- Water & Sewer

Approved 161 Number Purchased to date 158 Number left 1

Commercial:

348 In-Town Water

17 Out-of-Town Water

362 In-Town Sewer

17 Out-of-Town Sewer

Misc. Taps Committed to Out of Town from the Town/County master water & sewer agreement:

Water Approved 217

Purchased 139

Left 78

Sewer Approved 250

Purchased 111.5

Left 138.5

Storm Water Management:

Community Outreach:

- (2) stream clean-up events;



SW Engineering & Project Status:

- **Dog Park Bio-retention – SW Project:** Construction in progress, final grading is not completed. This project is 50% covered by NFWF grants awarded. Total cost \$73,073.
- **Garret Constructed Wetland – SW Project:** Staff is working with the contractor on the specs and drawings. Planning to start construction in January 2023. This project is fully covered by SLAF and NFWF grants awarded. Total cost \$132,655.02.

SW Project Reviews:

- **Open-Ended Civil Engineering Services (stormwater and environmental):** Staff is reviewing proposals from qualified professional engineering firms and to establish a contract(s) for an initial period of one (1) year with an option for four (4) additional one-year extensions, through competitive negotiation in an effort to expedite the planning and design for a broad range of projects.
- **SW Utility and MS4 Requirements:** 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. The 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. This project can be partially covered (50% Town's matching) by the SLAF grant awarded. Total cost \$1,982,370.

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.

Operations:

- Virtual Meeting with DEQ regarding TMDL nutrient credits (requesting estimates). TMDL Action Plan 2018-2023 to be updated with new BMP's and Projects.

Professional Development:

- Rappahannock River Symposium: MS4 and Living Shorelines, Fredericksburg, Va. - October 19, 2022 – Town Engineer, ESC & SWM Inspector and Stormwater Administrator.

Engineering, PW&U

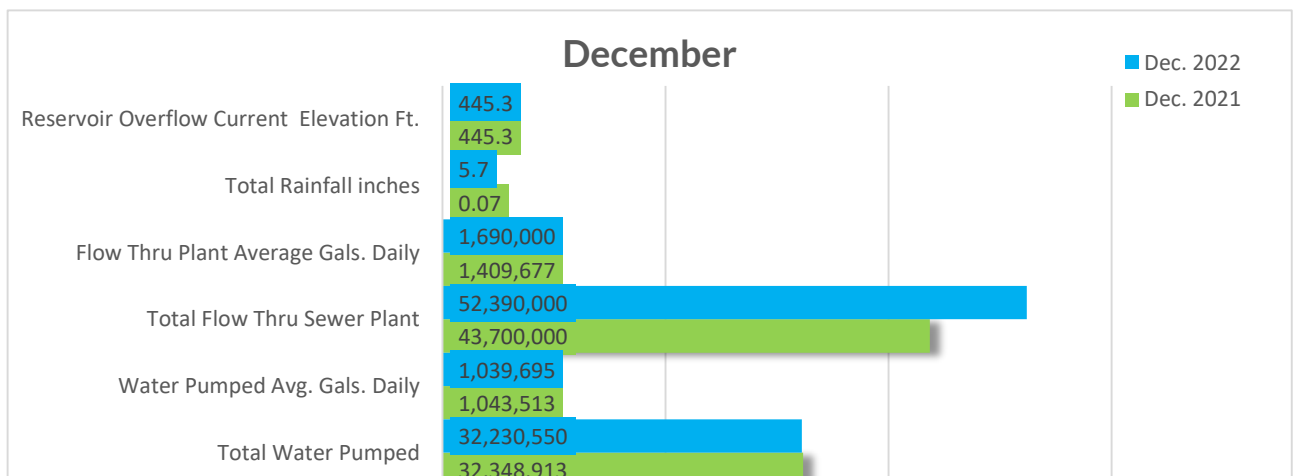
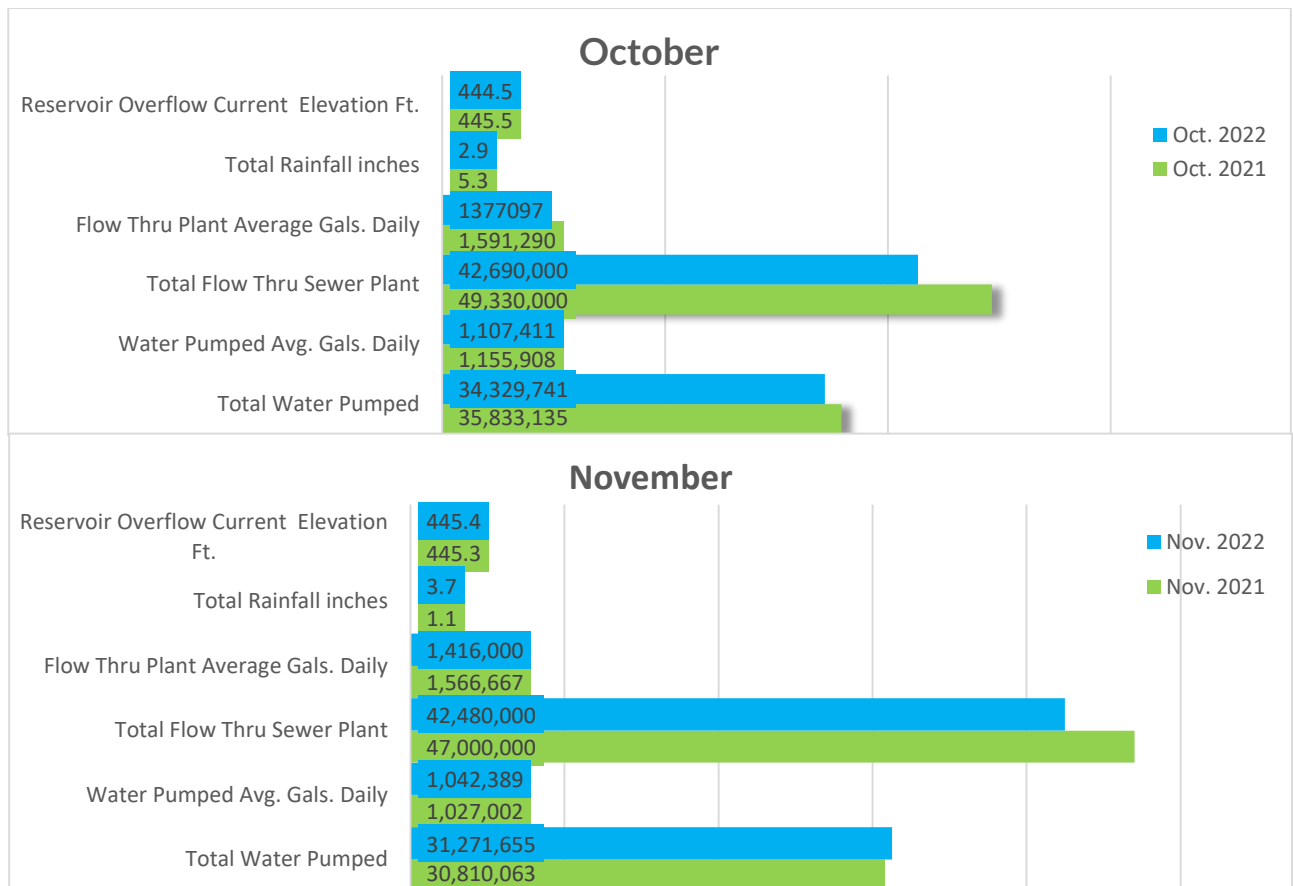
Project Review Update:

- VDOT Broadview Avenue Improvements: Staff coordinating with VDOT, Dominion Power, and the Water Consultant for the Betterment Improvements. VDOT continues in the process of Right of Way acquisition from property owners. VDOT has scheduled a Pre-Advertisement Committee meeting for March 8th with the Design Team to ensure plans and cost estimates are ready for advertisement.
- Inflow and Infiltration Reduction into the Sanitary Sewer System: TriState CCTV inspections began in November. to assess current conditions for lining gravity sewers not requiring prior excavations. Awaiting excavation contractor to clear structural issues when weather and scheduling permit. es. The success our I&I reduction program continues to demonstrate a reduction of peak flows at the WWTP.
- Garrett Street Stormwater Pond Retrofit: The Pre-Construction meeting is scheduled with the selected contractor, KBS Earthworks, for early October. Construction should start in early November. The bid price was \$132,655.02.
- 5th Street Parking Lot Bio-Swale Project: Bright Construction Group started construction in September. The primary work was completed in November, however, Public Works has not yet accepted the fine grading provided by the contractor. Public Works continues to push the Contractor to finish this work so final payment can be released.
- Stream Restoration, Tributary to Cedar Run (Hampton Creek): Staff continues to work with Senior Management to show the long-term benefit and cost-effectiveness of this project to our MS-4 Permit requirements. We have obtained conditional letters of agreement from the property owners to provide floodplain and stream restoration easements across their respective properties and a Grant in the amount of \$991,185 from the DEQ Stormwater Local Assistance Fund. This leaves a matching amount to come out of the Town's Stormwater Fee program over the FY23 thru FY 26 budget cycles.
- Timber Fence Trail, Segment 2: The final design of the trail has been submitted to VDOT for review. The easement plat and deed from the Fauquier County School Board have been accepted, with final verbiage of the deed under final review. It is anticipated the deed and plat

will be signed by the School Board at the February meeting. A request for proposals is being prepared for the Construction Engineering and Inspection services. Bids for Construction anticipated summer or 2023.

4Th. Qtr. 2022 Water & Sewer Plant Report

All Operational reports met the state and federal compliance regulation parameters.
No violations or complaints were reported for this quarter.



4th. Qtr. 2022
Refuse & Recycling Report

