



**Public Works and Utilities
Quarterly Report
First Quarter 2023**

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

Commendable Achievements

- Three Public Works employees obtained their Commercial Drivers Licenses. They are among the first employees to obtain this through the Towns' E.L.D.T. Program (Entry Level Driving Training).
- The majority of Public Works & Utilities employees completed their Safety Training.
- One Public Works employee completed APWA's Principles of Public Works Training.
- Training from OSHA and FEMA, continues with one staff member having completed both.
- The cemetery team performed their annual Spring clean-up, much to the appreciation of Town residents.
- Winter Road Condition Alert System was designed and implemented by The Senior Admin. Assistants for social media. Admins. have also participated in FEMA and SAFETY training.
- We welcomed one new employee to the Public Works Department.
- PW & U Admins created a week long, Town -Wide employee engagement program for team building purposes.

Public Works:

- Along with regular assignments, the Christmas Tree Collection Pickup for recycling program was successfully completed.
- One lane total of 784' on Bearwallow Road was paved.
- 1,120 pounds of debris was removed from the Blackwell Road.
- The slope on Benner Dr. and at the old Waterplant was re-graded.

- Granite stone around the base of the Cemetery Monument and the Welcome to Warrenton sign on 211 was installed.



- The road to the Mountain Tank water tank was rebuilt.



- Bollards were installed on Second Street at Main Street.



- Staff installed two walk bridges at Rady Park that were built by Fauquier County High School from the Carpentry II class.

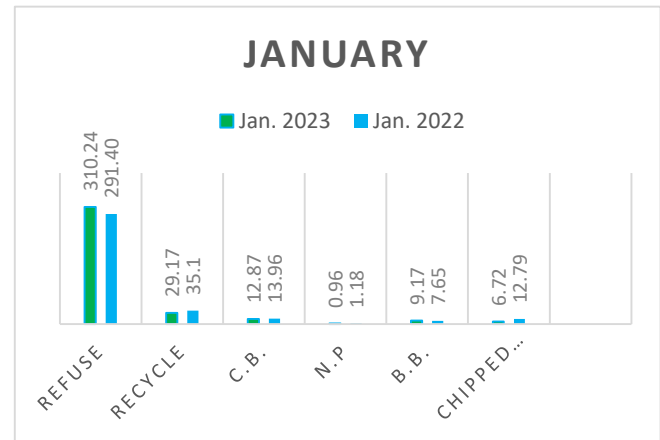


Walkability Study Repairs included:

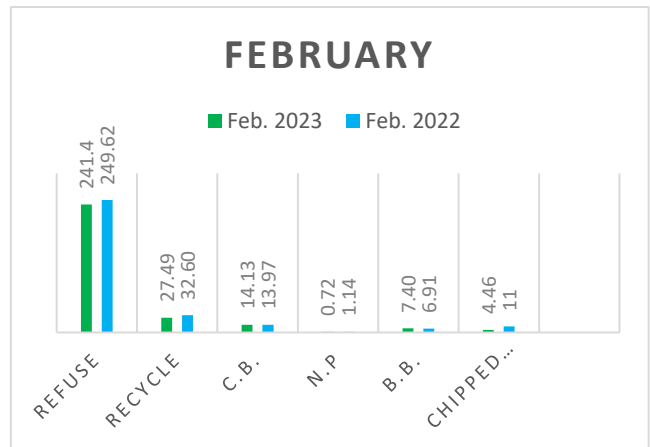
- Grinding tree roots that are hazardous or destructive to property.
- Sidewalk repairs on Alexandria Pike.
- Removing and replacing sidewalk bricks on Bearwallow Road.
- Repairing approximately 30' of sidewalk in the Big Gold Cup.
- Removing a ramp on Carriage House Lane and repairing the sidewalk which allowed for an additional parking spot.

Refuse and Recycling tonnages for the 1st.
Quarter of 2023

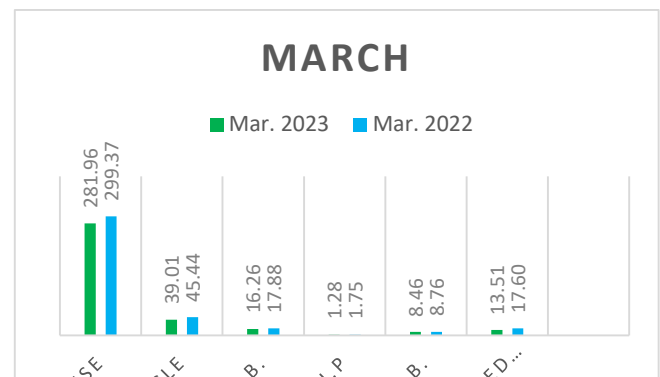
	Jan. 2023	Jan. 2022
Refuse	310.24	291.40
Recycle	29.17	35.1
C.B.	12.87	13.96
N.P	0.96	1.18
B.B.	9.17	7.65
Chipped Brush	6.72	12.79



	Feb. 2023	Feb. 2022
Refuse	241.4	249.62
Recycle	27.49	32.60
C.B.	14.13	13.97
N.P	0.72	1.14
B.B.	7.40	6.91
Chipped Brush	4.46	11



	Mar. 2023	Mar. 2022
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Refuse	281.96	299.37
Recycle	39.01	45.44
C.B.	16.26	17.88
N.P	1.28	1.75
B.B.	8.46	8.76
Chipped Brush	13.51	17.60

Public Utilities:

- Staff responded to 2 after-hours emergency water main breaks.
- In cooperation with the Stormwater Team, staff started removing dirt and debris from the storm sewers.
- The Annual Spring water flushing schedule began. This project is scheduled for completion at the end of April.
- The team repaired a sewer lateral on Culpeper Street between Hotel Street & Lee Street.



- 0 New service lines installed.
- 2 Main lines repaired.
- 0 Sanitary sewer lines Installed 0 Repaired. Total of 0 Feet.

Meter Dept:

- 1 Meter installed. 21 Meters replaced. 67 Read & Transfer.
- 1 Water connections issued.

- 87 Water cut-ons/offers. 63 Non Payment 24 Repairs/Non-Use.
- 113 Meter registers replaced.
- 16 Meter Boxes/Lids Repaired/Uncovered.

Taps Committed & Available for Sale:

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

Residential:	Jan.	Feb.	March
In-Town Water	<u>818.5</u>	<u>818.5</u>	<u>818.5</u>
In Town Sewer	<u>705</u>	<u>705</u>	<u>705</u>
Out of Town Water	<u>269</u>	<u>269</u>	<u>269</u>
Out of Town Sewer	<u>276</u>	<u>276</u>	<u>276</u>

***Taps Committed for St. Leonards Farm – Water & Sewer

Approved: 45 Quantity Purchased to date: 0 Quantity available: 45

***Taps Committed for Fletcherville - Sewer Only_

Approved: 44 Quantity Purchased to date: 42 Quantity available: 2

***Taps Committed for Millfield – Water & Sewer

Approved: 42 Quantity Purchased to date: 41 Quantity available: 1

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

Approved: 161 Quantity Purchased to date: 158 Quantity available: 1

Commercial:

	Jan.	Feb.	March
In-Town Water	<u>348</u>	<u>348</u>	<u>348</u>
In Town Sewer	<u>362</u>	<u>362</u>	<u>362</u>
Out of Town Water	<u>16</u>	<u>16</u>	<u>16</u>
Out of Town Sewer	<u>16</u>	<u>16</u>	<u>16</u>

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

agreement:

Water Approved: <u>217</u>	Purchased: <u>139</u>	Available: <u>78</u>
Sewer Approved: <u>250</u>	Purchased: <u>111.5</u>	Available: <u>138.5</u>

Water Treatment Plant:

	January	February	March
Total gallons pumped (All Sources):	<u>31,787,500</u>	<u>28,216,807</u>	<u>31,626,000</u>
Average gallons per day:	<u>1,025,403</u>	<u>1,007,743</u>	<u>1,061,522</u>
Total gals. pumped same month last year:	<u>32,179,516</u>	<u>29,556,148</u>	<u>32,368,497</u>
Average gallons per day:	<u>1,038,049</u>	<u>1,055,577</u>	<u>1,044,145</u>

Wastewater Treatment Plant:

	January	February	March
Total gals. flow through the sewage plant:	<u>50,400,000</u>	<u>49,330,000</u>	<u>51,030,000</u>
Average gallons per day:	<u>1,625,806</u>	<u>1,761,786</u>	<u>1,646,129</u>
Total gals. flow during the same month last year:	<u>51,800,000</u>	<u>49,610,000</u>	<u>52,430,000</u>
Average gallons per day:	<u>1,670,968</u>	<u>1,771,786</u>	<u>1,691,290</u>
Total inches rainfall:	<u>2</u>	<u>2.9</u>	<u>2.2</u>

Stormwater (SW) Community Outreach:

- **Stream Clean-Up on March 18, 2023:** Glory Days-CVS to Hampton Inn. Area – Bohler Engineering Volunteers.
- **Stormwater Poster Contest - “Stop the pollution quick, don't make the water sick”:** Each spring, Fauquier County and Town of Warrenton stormwater programs hold a poster contest to increase students' awareness of stormwater pollution and allow them to spread their own pollution prevention message through art. The contest is open to 3rd, 4th, and 5th Grade students in Fauquier County and the Town of Warrenton. Entries are due on April 20, 2023.



- **The Surprising Story of Stormwater:** The Stormwater Team started a new educational activity for third through fifth graders in the Town and Fauquier County schools. The Town provided almost one hundred books to students. Work in progress.

Engineering & Project Status:

Site Plans/Permits Support and Reviews:

- Washington Street, Street Lights
- Amazon Data Center
- Retail Auto Parts
- Valvoline Oil Change Site Plan
- 320 Culpeper Str Subdivision
- Fields of Dakota As-Built
- Country Chevrolet SDP 2022-3
- Warrenton Village Center-SUP2022-05
- Oak Street Subdivision
- St. Johns Church SUP
- Millfield Sections 5 & 6 (Fauquier Co.)

Special Project Update:

- VDOT Broadview Avenue Improvements:
 - a. Right of Way settled- Foster's & Burger King: Legal issues still to be resolved.
 - b. VDOT Pre-Advertisement Committee meeting held March 8th.
 - c. Betterment revisions to be complete in April to coordinate with Rappahannock St. waterline replacement.
- Rappahannock Street Waterline Replacement.
 - a. Engineering review and support of Consultant's design.
- Inflow and Infiltration Reduction for Sanitary Sewer System:
 - a. Investigation to Cedar Run trunk sewer being planned.
- Flow Monitoring Program:
 - a. Water Billing has a systematic approach to correlate water sales in sanitary pump station (PS) service areas.
 - b. Developing method for comparing PS flows to water sales.
- Garrett Street Stormwater Pond Retrofit:
 - a. Assistance in revising plantings for suitability for wetland environment.
 - b. Assist with rock determinations.
 - c. Project proceeding to late Spring/early summer completion.
- 5th Street Parking Lot Bio-Swale Project:
 - a. Bright Construction Group committed to return in April to complete final grading and seeding to meet PW requirements.
- Stream Restoration, Tributary to Cedar Run (Hampton Creek):
 - a. Initial P.O. issued to Consultant/Contractor to initiate permitting & design.
 - b. Coordinating with Property Owners for Easements.
 - c. Grant received from DEQ for \$991,185 from the Local Assistance Fund.
 - d. This covers 50% of the anticipated project costs.
 - e. Coordinating with Town Attorney for Easement Deed Language.

- Automated Water Filling Station, Corral Farms:
 - a. Final paving planned to be complete early April.
 - b. Equipment start-up and training planned next quarter, as early as May 2023
 - c. Project remains within budget.
- Timber Fence Trail, Segment 2:
 - a. Comments being address from VDOT review of final design.
 - b. The easement plat and deed completed and signed by all.
 - c. Advertisement planned in April for Construction Engineering & Inspections.
 - d. Bids for Construction anticipated summer of 2023.
- Cedar Run Pump Station:
 - a. Coordinate kick-off meeting with Consultant and Operations Team.
 - b. Gather and provide historical data for pump station to Consultant.
- Fiber Optic Cable
 - a. Coordinate with Fiberlight/ MMI for repairs to damaged cable on Rt. 211.