

Joseph N. Quesenberry
Town Manager

Melissa Coates
Assistant Town Manager

Julia Blackley – Rice
Treasurer & Clerk

Sean L. Peterson
Chief of Police

Sands Anderson Law
Town Attorney



COUNCIL MEMBERS

Randall L. Phelps - Mayor

Paul G. Yackel - Vice Mayor

Mary Beth Bryant

Jonathan English

Daphne Palmore

Ralph W. Self

Patrick Stone

Robert Walters

78 Belle Ville Lane, Warsaw, VA 22572 | P.O. Box 730 | Phone - (804) 333-3737 | <http://www.townofwarsaw.com>

TO: Warsaw Town Council

FROM: Jesse Schools, Director of Public Works

DATE: 6/11/2026

RE: Public Works Report

Dear Council Members:

Please find my Public Works Report for the month of May. Please let me know if you have any questions or concerns.

-WWTP

Monthly Numbers

Average daily Influent flow for May – 197,800 gallons, an increase of 8,200 gals from the month of April average daily flow.

Maximum influent flow for May – 244,100 gallons, an increase of 38,900 gals from the month of April max flow.

Nutrient Sampling Results

For May the average effluent Total Nitrogen (TN) concentration was 2.22 mg/l, within the limits of our permit.

For May the average effluent Total Phosphorus (TP) concentration was 0.08 mg/l, within the limits of our permit.

Monthly Operations and Maintenance

On May 1, the plant staff hosted two treatment plant tours for the students that attend the Chesapeake Bay Governor's School.

Sand Filter No. 2 was restored to service. All three sand filters are currently in service.

Plant staff collected samples (six ground water monitoring wells) to complete pond GWM testing for the second quarter of 2026.

Public Works on-call personnel completed the treatment plant's annual laboratory control analysis. Individual personnel demonstrated their ability to calibrate laboratory equipment and test samples.

IDCs = Individual demonstration of capability.

Operators lubricated and serviced equalization basin mixer.

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Plant effluent samples collected and analyzed during May met all permit discharge limits.

-Water Department

Attached you will find the Water Loss Report, for the month of May we are at a 4% water loss. Department staff did daily chlorine checks of all four wells, along with two random samples each day throughout town.

Completion of state selected bacteria samples; all results came back absent.

PFAS Samples were taken at all 4 wells. (testing for plastics in the water)

Nitrate/nitrite samples were taken at well 1,2,4 (blue baby syndrome)

VOC sample taken at well #3. (organic compounds)

Lastly a cyanide sample was taken at well #4.

Cleaned and flushed out sewer lines along Main st and into Pinehurst.

Completed all Miss U's that came in for the month of May.

-Refuse Department

For the month of April town staff made 15 trips to the landfill totaling 125 tons or 250,000 pounds of trash.

-Public Works (Maintenance)

Staff assisted with Monday and Thursday residential trash pickup.

Assisted with recording of monthly water meter readings.

Took care of the bathrooms and grounds at the Town Park.

Cutting of all grass at Town owned facilities.

Finished up our spring flower plantings.

Also staff started hanging our 250th anniversary banners on the acorn lights.

We now have (2) fountains out and plan to have them back up and running within the month.

Monthly Water Loss Report

Water System:

For the Month of:

Year:

Water Produced this month: gallons

Water Purchased this month: gallons

A: Total Water Produced and Purchased = 6,560,700 gallons

Sold: Residential gallons

Total Sold = 6,163,051 gallons

B: Difference: (Produced+Purchased) - Sold = 397,649 gallons

% Difference = 6 % total water loss

Gallons of Water Accounted For:

Breaks (Estimated Total)	15,000	gallons
Hydrant Flushing	0	gallons
Storage Tank/Clearwell overflow	0	gallons
Fire Hydrant Use	7,500	gallons
Fire Department Use	75,000	gallons
Leak adjustments	0	gallons
Maintenance shop	5,000	gallons
Sewer jetting	4,500	gallons
Town watering flowers	20,000	gallons
Office/Police Dept.	2,500	gallons
Pool		gallons

C: Total Gallons Accounted For = 129,500 gallons

Loss: Unaccounted-for Water: (B-C) = 268,149 gallons

% Loss: Unaccounted-for Water: (B-C)/A %= 4 % unaccounted - for loss

Gallons / Day Loss =

Gallons / Minute Loss =

days in billing period
8,650 gallons/day
6 gallons/min.

This spreadsheet is a product of the Technical Assistance Center for Water Quality at Western Kentucky University and the Kentucky Rural Water Association. Feel free to contact us at (270) 745-5948 or at <http://water.wku.edu/>. This spreadsheet may be freely distributed. Please let us know if you use it, like it, or have suggestions for improvement!