

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.townofwarshaw.com>

TO: Warsaw Town Council

FROM: Jesse Schools, Director of Public Works

DATE: 2/12/2026

RE: Public Works Report

Dear Council Members:

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

-WWTP

Monthly Numbers

Average daily Influent flow for January – 182,100 gallons, a decrease of 500 gals from the month of December average daily flow.

Maximum influent flow for January – 218,800 gallons, a decrease of 15,200 gals from the month of December max flow.

Nutrient Sampling Results

For January the average effluent Total Nitrogen (TN) concentration was 2.6 mg/l, within the limits of our permit.

For January the average effluent Total Phosphorus (TP) concentration was 0.04 mg/l, within the limits of our permit.

2025 Nutrient Calendar Year Results

Total Nitrogen Calendar Year 2025 Loading Results – 1,075 LB/YR (29 % of Permitted 3,655 LB/YR)

Total Phosphorus Calendar Year 2025 Loading Results – 60.10 LB/YR (24 % of Permitted 247 LB/YR)

Monthly Operations and Maintenance

Fidelity Power Systems inspected and serviced the treatment plant generator.

Plant generator fuel tank was topped off in preparation for the forecasted winter snowstorm.

Power and Flow contractors provided a vacuum pump truck to clean out plant waste well station.

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Staff stocked necessary supplies prior to the forecasted snowstorm.

The 2025 WQIF Exhibit E report was submitted to DEQ for approval.

Effluent samples for the month of January met all requirements as to our permit discharge limits.

Staff also helped with Water Main Breaks

Overall plant performance in 2025 was good.

-Water Department

Attached you will find the Water Loss Report, for the month of January we are at a 3⁰% 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.

Took down all pole mounted Christmas Decorations

The Town experienced (6) water main breaks during this cold weather pattern we have had.

(2) Madison Ave. (1) Washington Ave. (1) Sunset Ave. and (2) on Main St.

-Refuse Department

For the month of December town staff made 18 trips to the landfill totaling 137 tons or 274,000 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.

Removed all ground mounted Christmas decorations along with the acorn light garland and wreaths.

Performed M/A on the dump trucks and backhoe.

Made arrangements to winterize the Town Park fountains for the cold snap we received.

Helped with Water Main Breaks.

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 = **5,199,100 gallons**

Sold: Residential gallons

Total Sold = **5,043,737 gallons**

B: Difference: (Produced+Purchased) - Sold = **155,363 gallons**

% Difference = **3 % total water loss**

Gallons of Water Accounted For:

Breaks (Estimated Total)	<input type="text" value="0"/>	gallons
Hydrant Flushing	<input type="text" value="0"/>	gallons
Storage Tank/Clearwell overflow	<input type="text" value="0"/>	gallons
Fire Hydrant Use	<input type="text" value="2,000"/>	gallons
Fire Department Use	<input type="text" value="2,500"/>	gallons
Leak adjustments	<input type="text" value="0"/>	gallons
Maintenance shop	<input type="text" value="8,000"/>	gallons
Sewer jetting	<input type="text" value="0"/>	gallons
Town watering flowers	<input type="text" value="0"/>	gallons
Office/Police Dept.	<input type="text" value="2,000"/>	gallons
Pool	<input type="text" value=""/>	gallons

C: Total Gallons Accounted For = **14,500 gallons**

Loss: Unaccounted-for Water: (B-C) = **140,863 gallons**

% Loss: Unaccounted-for Water: (B-C)/A %= **3 % unaccounted - for loss**

Gallons / Day Loss = days in billing period

Gallons / Minute Loss = **4,402 gallons/day**

3 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!