

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

Ogle E. Forrest, Sr.

Faron H. Hamblin

Rebecca C. Hubert

Ralph W. Self

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

MEMORANDUM

TO: Warsaw Town Council

FROM: Jesse Schools, Director of Public Works

DATE: 7/10/2025

RE: Public Works Report

Dear Council Members:

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

-WWTP

Monthly Numbers

Average daily Influent flow for June – 179,700 gallons, a decrease of 11,900 gals from the month of May average daily flow.

Maximum influent flow for June – 248,400 gallons, a decrease of 30,000 gals from the month of May max flow.

Nutrient Sampling Results

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

For June the average effluent Total Phosphorus (TP) concentration was 0.19 mg/l, within the limits of our permit.

Monthly Operations and Maintenance

Fidelity Power Systems inspected and serviced the treatment plant generator.

Completed and submitted our monthly operations report.

Plant Staff attended DEQ Wastewater Works Operators Licensure Review Classes.

Operators serviced equipment as required by our preventive maintenance program.

Treatment Plant Operators assisted with recording water meter readings.

Plant staff continue to work on the appearance of the buildings and grounds.

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Treatment plant effluent samples for the month of June met all requirements as to our permit discharge limits.

-Water Department

Attached you will find the Water Loss Report, for the month of June we are at a 3% water loss. The Consumer Consumption Report was submitted to ODW. (water test report throughout the previous year)

Department staff did daily chlorine checks of all four wells, along with two random samples each day throughout town.

Staff also completed state selected bacteria samples; all results came back absent.

The water department also checked sewage/pump stations each day.

Staff finished our yearly maintenance on all town-owned generators.

Replaced one fountain at the bounds.

Hot tapped and inspected new 6-inch waterline along Woodland Heights, pressure test came back good, now 2 bacteria samples will be taken before entering it into our water system.

We replaced the high-water alarms in all the sewage pump stations with an updated, more reliable system

-Refuse Department

For the month of May town staff made 14 trips to the landfill totaling 138 tons or 276,000 pounds of trash.

-Public Works (Maintenance)

Staff assisted with Monday and Thursday residential trash pickup.

Assisted with recording of monthly water meter readings.

Watering all hanging baskets and stationary planters.

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

Grass Cutting at all town-owned facilities along with the median strips along RT. 360.

Replaced all spring banners with summer.

Power Washed all vinyl fencing in the Town Park.

Monthly Water Loss Report

Water System: **Town Of Warsaw**

For the Month of: **June** Year: **2025**

Water Produced this month: **5,382,200** gallons
Water Purchased this month: gallons

A: Total Water Produced and Purchased = 5,382,200 gallons

Sold: Residential 5,189,462 gallons

Total Sold = 5,189,462 gallons

B: Difference: (Produced+Purchased) - Sold = 192,738 gallons

% Difference = 4 % total water loss

Gallons of Water Accounted For:

Breaks (Estimated Total)	0	gallons
Hydrant Flushing	0	gallons
Storage Tank/Clearwell overflow	0	gallons
Fire Hydrant Use	5,000	gallons
Fire Department Use	2,500	gallons
Leak adjustments	0	gallons
Maintenance shop	7,500	gallons
Sewer jetting	1,800	gallons
Town watering flowers	12,500	gallons
Office/Police Dept.	5,000	gallons
Pool		gallons

C: Total Gallons Accounted For = 34,300 gallons

Loss: Unaccounted-for Water: (B-C) = 158,438 gallons

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

28 days in billing period

Gallons / Day Loss = 5,659 gallons/day

Gallons / Minute Loss = 4 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!