

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: 10/9/2025

RE: Public Works Report

Dear Council Members:

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

-WWTP

Monthly Numbers

Average daily Influent flow for September – 189,900 gallons, an increase of 5,400 gals from the month of August average daily flow.

Maximum influent flow for September – 266,800 gallons, an increase of 68,800 gals from the month of August max flow.

Nutrient Sampling Results

For September the average effluent Total Nitrogen (TN) concentration was 1.95 mg/l, within the limits of our permit.

For September the average effluent Total Phosphorus (TP) concentration was 0.09 mg/l, within the limits of our permit.

Monthly Operations and Maintenance

The Treatment Plant experienced a power outage that affected process control. Full process control was successfully restored. All critical parameters returned to operating ranges.

Operators replaced UV lamp socket assemblies to restore proper function. This added additional units for increased coverage.

Several buildings were cleaned by staff as part of routine maintenance.

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Fidelity power systems conducted a comprehensive inspection of the automatic transfer switch (ATS) to ensure proper operation and readiness in the event of a power failure.

Treatment plant operators assisted in recording monthly water meter readings.

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

-Water Department

Attached you will find the Water Loss Report, for the month of September we are at a 1% water loss.

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

We took raw water samples at each well and all came back in compliance.

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

The water department also checked sewage/pump stations each day

Help build and decorate the Warsaw Fest Parade Float.

-Refuse Department

For the month of August town staff made 17 trips to the landfill totaling 133 tons or 266,000 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.

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

Watering of all hanging baskets and stationary planters in town.

Trimmed and weeded Ace Hardware flower beds.

Replaced Summer banners with Fall.

Decorated the Town for fall, along with preparing for Warsaw Fest

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 =

6,041,250 gallons

Sold: Residential

gallons

Total Sold =

5,982,643 gallons

B: Difference: (Produced+Purchased) - Sold =

58,607 gallons

% Difference =

**1 % total water
loss**

Gallons of Water Accounted For:

Breaks (Estimated Total)

gallons

Hydrant Flushing

gallons

Storage Tank/Clearwell overflow

gallons

Fire Hydrant Use

gallons

Fire Department Use

gallons

Leak adjustments

gallons

Maintenance shop

gallons

Sewer jetting

gallons

Town watering flowers

gallons

Office/Police Dept.

gallons

Pool

gallons

C: Total Gallons Accounted For =

13,800 gallons

Loss: Unaccounted-for Water: (B-C) =

44,807 gallons

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

**1 % unaccounted
- for loss**

Gallons / Day Loss =

days in billing period
1,445 gallons/day

Gallons / Minute Loss =

1 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!