

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>

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TO: Warsaw Town Council

FROM: Jesse Schools, Director of Public Works

DATE: 3/12/2026

RE: Public Works Report

Dear Council Members:

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

**-WWTP**

### **Monthly Numbers**

Average daily Influent flow for February – 188,200 gallons, an increase of 6,100 gals from the month of January average daily flow.

Maximum influent flow for February – 242,300 gallons, an increase of 23,500 gals from the month of January max flow.

### **Nutrient Sampling Results**

For February the average effluent Total Nitrogen (TN) concentration was 3.6 mg/l, within the limits of our permit.

For February the average effluent Total Phosphorus (TP) concentration was 0.05 mg/l, within the limits of our permit.

### **Monthly Operations and Maintenance**

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

Completed and submitted monthly operations report.

The plant screw press is now operating consistently with minimal down time.

The Plant Staff is in process of implementing plans (spring cleaning) to restore cleanliness after winter season and improve overall site appearance.

Operators serviced plant equipment as required by our preventive maintenance program.

Plant staff are exploring cost effective ways to save in electric energy.

Plant Operators assisted water department with recording meter readings.

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Plant effluent samples taken and tested for the month of February met all requirements as to our permit discharge limits.

#### **-Water Department**

Attached you will find the Water Loss Report, for the month of February we are at a 3% 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.

The town experienced 2 more water breaks this past month. One in Main St. and another on Menokin Rd.

#### **-Refuse Department**

For the month of January town staff made 18 trips to the landfill totaling 107 tons or 214,000 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.

Cleaned up the grounds at our Maintenance shop.

Did routine M/A on all grassing cutting equipment.

# 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 =** **5,768,100 gallons**

**Sold: Residential**  gallons

**Total Sold =** **5,362,720 gallons**

**B: Difference: (Produced+Purchased) - Sold =** **405,380 gallons**

**% Difference =** **7 % total water loss**

**Gallons of Water Accounted For:**

Breaks (Estimated Total)	<input type="text" value="200,000"/>	gallons
Hydrant Flushing	<input type="text" value="1,500"/>	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 =** **216,000 gallons**

**Loss: Unaccounted-for Water: (B-C) =** **189,380 gallons**

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

days in billing period

**Gallons / Day Loss =** **6,313 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!