

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: 4/09/2026

RE: Public Works Report

Dear Council Members:

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

**-WWTP**

#### **Monthly Numbers**

Average daily Influent flow for March – 186,800 gallons, a decrease of 1,400 gals from the month of February average daily flow.

Maximum influent flow for March – 230,300 gallons, a decrease of 12,000 gals from the month of February max flow.

#### **Nutrient Sampling Results**

For March the average effluent Total Nitrogen (TN) concentration was 2.31 mg/l, within the limits of our permit.

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

#### **Monthly Operations and Maintenance**

SBR #1 waste pump was replaced and restored to service.

Completed and submitted monthly operations report.

Plant staff assisted with residential trash pick-up.

Recycling pump station was repaired and restored to normal operation.

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

Plant staff surveyed grounds keeping equipment in preparation for grass season.

Plant Operators assisted water department with recording meter readings.

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

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#### **-Water Department**

Attached you will find the Water Loss Report, for the month of March we are at a 2% 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.

Well Tank #4 was drained, cleaned, inspected and put back into service.

The town also had a sewer line that the ground eroded away from it and exposed the line, this was due to water runoff. The town reached out to the Jones Brothers to remedy the issue; it has since been taken care of.

#### **-Refuse Department**

For the month of February town staff made 13 trips to the landfill totaling 108 tons or 216,000 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.

Replaced the Winter banners with spring, along with replacing the older Warsaw banners with the updated ones.

Grass cutting at all Town owned facilities.

Decorated for the Easter Holiday.

# 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 =** **5,488,100 gallons**

**Sold: Residential**  gallons

**Total Sold =** **4,955,543 gallons**

**B: Difference: (Produced+Purchased) - Sold =** **532,557 gallons**

**% Difference =** **10 % total water loss**

**Gallons of Water Accounted For:**

Breaks (Estimated Total)	<input type="text" value="25,000"/>	gallons
Hydrant Flushing	<input type="text" value="0"/>	gallons
Storage Tank/Clearwell overflow	<input type="text" value="400,000"/>	gallons
Fire Hydrant Use	<input type="text" value="0"/>	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="5,000"/>	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 =** **434,500 gallons**

**Loss: Unaccounted-for Water: (B-C) =** **98,057 gallons**

**% Loss: Unaccounted-for Water: (B-C)/A %=** **2 % unaccounted - for loss**

days in billing period

**Gallons / Day Loss =** **3,502 gallons/day**

**Gallons / Minute Loss =** **2 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!