

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>

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## MEMORANDUM

TO: Warsaw Town Council

FROM: Jesse Schools, Director of Public Works

DATE: 3/13/2025

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 – 192,300 gallons, an increase of 20,700 gals from the month of January average daily flow.

Maximum Influent flow for February – 286,600 gallons, an increase of 71,000 gals from the month of January max flow.

### **Nutrient Sampling Results**

For February, the average effluent Total Nitrogen (TN) concentration was 2.43 mg/l, within the limits of our permit.

For February, the average effluent Total Phosphorus (TP) concentration was 0.13 mg/l, within the limits of our permit.

### **Monthly Operations and Maintenance**

Plant staff collected samples from our six ground water monitoring wells to complete testing for our first quarter of 2025.

Operators serviced equipment as to our preventive maintenance program.

Plant staff surveyed and cleaned all the lamps that service the UV disinfectant system.

Completed and submitted our monthly operations report.

Ordered necessary supplies.

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Plant staff are working with Power and Flow field tech to find a cost-effective way to restore efficient service to our sand filtration system.

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 2% water loss. 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.

### **-Refuse Department**

For the month of January town staff made 16 trips to the landfill totaling 118 tons or 236,000 pounds of trash.

Truck #5 made its way to Mid Atlantic Truck and Equipment in Chesapeake, VA for repairs

### **-Public Works (Maintenance)**

Staff assisted with Monday and Thursday residential trash pickup.

Assisted with recording of monthly water meter readings.

Helped at our WWTP when needed, along with the Water Dept.

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

# Monthly Water Loss Report

Water System: **Town Of Warsaw**

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

**Water Produced this month:** **5,886,300** gallons

**Water Purchased this month:**  gallons

**A: Total Water Produced and Purchased = 5,886,300 gallons**

**Sold: Residential 5,726,610 gallons**

**Total Sold = 5,726,610 gallons**

**B: Difference: (Produced+Purchased) - Sold = 159,690 gallons**

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

## Gallons of Water Accounted For:

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

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

**Loss: Unaccounted-for Water: (B-C) = 145,190 gallons**

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

**Gallons / Day Loss =**

**Gallons / Minute Loss =**

**31** days in billing period

**4,684 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!