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Town Manager

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Assistant Town Manager

Julia Blackley – Rice
Treasurer & Clerk

Sean L. Peterson
Chief of Police

Sands Anderson Law
Town Attorney



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Patrick Stone

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TO: Warsaw Town Council

FROM: Jesse Schools, Director of Public Works

DATE: 5/14/2026

RE: Public Works Report

Dear Council Members:

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

-WWTP

Monthly Numbers

Average daily Influent flow for April – 189,600 gallons, an increase of 2,800 gals from the month of February average daily flow.

Maximum influent flow for April – 205,200 gallons, a decrease of 25,100 gals from the month of March max flow.

Nutrient Sampling Results

For April the average effluent Total Nitrogen (TN) concentration was 2.75 mg/l, within the limits of our permit.

For April the average effluent Total Phosphorus (TP) concentration was 0.25 mg/l, within the limits of our permit.

Monthly Operations and Maintenance

Sequencing Batch Reactor (SBR) blowers were inspected and serviced. Treatment plant flow meters and laboratory instrumentation were calibrated as part of the annual calibration program to ensure accuracy and compliance.

The air compressor for the sand filters was replaced due to wear and reduced performance.

Plant personnel participated in the Virginia Rural Water Association (VRWA) conference to earn continuing education credits, to meet the requirements of the water and wastewater operator licensing regulations.

Plant Operators assisted the water department with recording meter readings.

Plant effluent samples collected and analyzed during April met all permit discharge limits

-Water Department

Attached you will find the Water Loss Report, for the month of April 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.

Completion of state selected bacteria samples; all results came back absent.

We also completed our inorganics, metals, and VOC water samples; all results came back within the allowed parameters.

All Well houses and sewage pump houses were cleaned out.

Sewage pumps at all stations were serviced.

Town staff fixed a water leak at the entrance of Chandler Family Dentistry on Main St.

-Refuse Department

For the month of March town staff made 17 trips to the landfill totaling 132 tons or 264,000 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.

Cutting of all grass at Town owned facilities.

Staff started our spring flower plantings in the hanging baskets.

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 = **5,439,796 gallons**

Sold: Residential gallons

Total Sold = **5,393,000 gallons**

B: Difference: (Produced+Purchased) - Sold = **46,796 gallons**

% Difference = **1 % total water loss**

Gallons of Water Accounted For:

Breaks (Estimated Total)	<input type="text" value="8,000"/>	gallons
Hydrant Flushing	<input type="text" value="0"/>	gallons
Storage Tank/Clearwell overflow	<input type="text" value="0"/>	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="2,500"/>	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="1,500"/>	gallons
Pool	<input type="text" value=""/>	gallons

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

Loss: Unaccounted-for Water: (B-C) = **32,296 gallons**

% Loss: Unaccounted-for Water: (B-C)/A %= **1 % unaccounted - for loss**

days in billing period

Gallons / Day Loss = **1,153 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!