

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: 5/8/2025

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 – 190,200 gallons, an increase of 5,000 gals from the month of March average daily flow.

Maximum influent flow for April – 344,700 gallons, an increase of 16,100 gals from the month of March max flow.

Nutrient Sampling Results

For April the average effluent Total Nitrogen (TN) concentration was 2.97 mg/l, within the limits of our permit.

For April the average effluent Total Phosphorus (TP) concentration was 0.14 mg/l, within the limits of our permit.

Monthly Operations and Maintenance

The ferric chloride storage tank level indicator failed. This was repaired and restored to service.

Public Works on-call personnel completed the treatment plant's annual laboratory control sample analysis. Individual personnel demonstrated their capability to calibrate lab equipment and test samples. (IDCs)

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

Completed and submitted our monthly operations report.

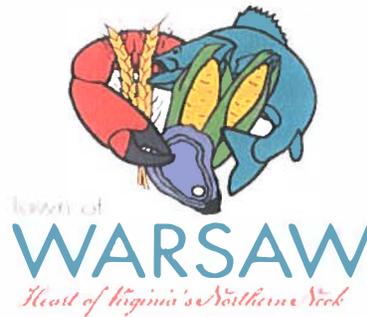
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Ordered necessary supplies.

Operators lubricated and serviced equalization basin mix.

Plant staff hosted a treatment plant tour.

Fidelity power systems serviced the plant's generator.

Plant staff continue groundskeeping work at site.

Treatment plant effluent samples for the month of April met all requirements as to our permit discharge limits.

-Water Department

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

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

All 4 well houses were cleaned and serviced.

The water department also checked sewage/pump stations each day.

Staff also helped with the installation of 8 new hanging basket poles/brackets throughout town.

Also replaced one fountain along with two new sets of fountain lights at the bounds.

-Refuse Department

For the month of March town staff made 15 trips to the landfill totaling 134 tons or 268,000 pounds of trash.

-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.

Started cutting grass at all town owned facilities along with the median strips along RT. 360.

Planted all spring flowers in the hanging baskets and now they are moving on to the stationary flower beds and pots.

Public Works also has been working on replacing ripped banners along with Virginia and American Flags throughout town.

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 = **4,988,100 gallons**

Sold: Residential gallons

Total Sold = **4,803,361 gallons**

B: Difference: (Produced+Purchased) - Sold = **184,739 gallons**

% Difference = **4 % total water loss**

Gallons of Water Accounted For:

Breaks (Estimated Total)	<input type="text" value="0"/>	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="5,000"/>	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="7,500"/>	gallons
Sewer jetting	<input type="text" value="1,800"/>	gallons
Town watering flowers	<input type="text" value="1,200"/>	gallons
Office/Police Dept.	<input type="text" value="5,000"/>	gallons
Pool	<input type="text" value=""/>	gallons

C: Total Gallons Accounted For = **23,000 gallons**

Loss: Unaccounted-for Water: (B-C) = **161,739 gallons**

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

days in billing period

Gallons / Day Loss = **5,776 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!