

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: 11/14/2024

RE: Public Works Report

Dear Council Members:

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

-WWTP

Monthly Numbers

Average daily Influent flow for October – 173,900 gal. A decrease of 12,300 gals. from the month of September average daily flow.

Maximum Influent flow for August – 213,200 gals. An increase of 9,200 gal. from the month of September max flow.

For October, the average effluent Total Nitrogen (TN) concentration was 2.73 mg/l, within the limits of our permit.

For October, the average effluent Total Phosphorus (TP) concentration was 0.18 mg/l within the limits of our permit.

Monthly Operations and Maintenance

The Treatment Plant staff cleaned and replaced UV lamps.

Operators serviced equipment as to our preventive maintenance program.

Plant Operators conducted our daily process control testing on the SBRs.

Ordered our necessary laboratory supplies.

Completed and submitted our monthly operations report.

The Treatment Plant Staff assisted with recording water meter readings.

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

-Water Department

Attached you will find the Water Loss Report, for the month of October we are at a 3% water loss. Department staff did daily chlorine check of all four wells, along with two random samples each day throughout town.

Water meters were read on 10/9/2024.

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

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

Staff completely bi yearly greasing off all sewage pumps and alarm floats at each pump station.

Water line on East Jefferson St. was hot tapped for a new residential meter to be placed.

-Refuse Department

For the month of September town staff made 14 trips to the landfill totaling 116.71 tons or 233,420 pounds of trash.

-Public Works (Maintenance)

Staff assisted with Monday and Thursday residential trash pickup.

Grass cutting the median strips, along with all Town owned facilities.

Watering of all hanging baskets and flowerpots.

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

Decorated for Halloween and prepared for trunk or treat in the park.

Started checking over Christmas Decorations, wreaths, and garland.

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 =

4,850,100 gallons

Bulk Water Sales

gallons

Total Sold =

4,667,143 gallons

B: Difference: (Produced+Purchased) - Sold =

182,957 gallons

% Difference =

**4 % total water
loss**

Gallons of Water Accounted For:

Breaks (Estimated Total)

gallons

Hydrant Flushing

gallons

Storage Tank/Clearwell overflow

gallons

Fire Hydrant Use

gallons

Fire Department Use

gallons

Leak adjustments

gallons

Maintenance shop

gallons

Sewer jetting

gallons

Town watering flowers

gallons

Office/Police Dept.

gallons

Pool

gallons

Amount in storage tanks

gallons

C: Total Gallons Accounted For =

38,000 gallons

Loss: Unaccounted-for Water: (B-C) =

144,957 gallons

% Loss: Unaccounted-for Water: (B-C)/A % =

**3 % unaccounted
- for loss**

Gallons / Day Loss =

days in billing period

5,177 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!