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: 12/12/2024

RE: Public Works Report

Dear Council Members:

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

-WWTP

Monthly Numbers

Average daily Influent flow for November – 173,600 gallons, a decrease of 300 gal from the month of October average daily flow.

Maximum Influent flow for November – 194,200 gallons, a decrease of 19,000 gal from the month of October max flow.

For November, the average effluent Total Nitrogen (TN) concentration was 1.99 mg/l, within the limits of our permit.

For November, the average effluent Total Phosphorus (TP) concentration was 0.11 mg/l, within the limits of our permit.

Monthly Operations and Maintenance

On the 9th of November the treatment plant experienced a flow diversion valve malfunction. After investigation it was found to be an underground electrical feed. This power feed cable or wire was repaired, and the diversion valve was restored to normal function.

Operators serviced equipment as to our preventive maintenance program.

Plant staff collected samples at our groundwater monitoring wells, completing testing for the fourth quarter of 2024.

Completed and submitted our monthly operations report.

The Treatment Plant Staff assisted with recording water meter readings.

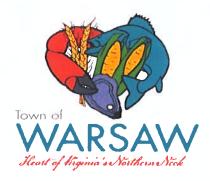
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Plant effluent samples taken and tested for the month of November met all requirements as to our permit discharge limits.

Despite the wide range in daily temperatures, the treatment plant performed well for the month of November.

-Water Department

Attached you will find the Water Loss Report, for the month of November we are at a 2% 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 11/8/2024.

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 October town staff made 17 trips to the landfill totaling 127.62 tons or 255,240 pounds of trash.

-Public Works (Maintenance)

Staff assisted with Monday and Thursday residential trash pickup.

Assisted with recording of monthly water meter readings.

Cutting of leaves and gutter cleanout on all town owned facilities.

Watering of all hanging baskets and flowerpots.

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

Christmas Decorations and preparing for Christmas Town

All staff assisted in decorating the Town for Christmas, this year we have more lights than ever. Also, this coming Saturday all public works are preparing for Christmas Town and will be working the event. A little insight into the lights throughout Town can be found below.

1200ft of lights on our Christmas tree located at the Boy Scout location.

50 pole mounted decorations

50 Wreaths

28 ground mounted decorations

600ft of Garland

All together approximately 10,000 C7 bulbs

Monthly Water Loss Report

	<u> </u>
Water System: Town (Of Warsaw
For the Month of: November	Year: 2024
Water Produced this month: Water Purchased this month:	5,952,894 gallons gallons
A: Total Water Produced and Purchased =	5,952,894 gallons
Bulk Water Sales	5,682,188 gallons
Total Sold =	5,682,188 gallons
B: Difference: (Produced+Purchased) - Sold =	270,706 gallons
% Difference =	5 % total water loss
Gallons of Water Accounted For: Breaks (Estimated Total) Hydrant Flushing Storage Tank/Clearwell overflow Fire Hydrant Use Fire Department Use Leak adjustments Filling Ponds at the Bounds Maintenance shop Sewer jetting Town watering flowers Office/Police Dept. Pool Amount in storage tanks	0 gallons 0 gallons 0 gallons 7,500 gallons 0 gallons 0 gallons 0 gallons 150,000 gallons 6,000 gallons 8,000 gallons 6,000 gallons 0 gallons 0 gallons 0 gallons 0 gallons 0 gallons
C: Total Gallons Accounted For = Loss: Unaccounted-for Water: (B-C) = % Loss: Unaccounted-for Water: (B-C)/A %=	178,100 gallons 92,606 gallons 2 % unaccounted - for loss
Gallons / Day Loss =	31 days in billing period 2,987 gallons/day

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

2 gallons/min.

Gallons / Minute Loss =