INFRAMARK
WATER INFRASTRUCTURE OPERATIONS

Ebensburg Municipal Authority

October monthly report for WTP



November 16th, 2026

Ebensburg Borough
300 West High Street
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the October 2026 monthly report detailing the operations and maintenance of the Ebensburg water treatment facility.

Thank you for the opportunity to provide Operations and Maintenance Services to the city of Ebensburg. To ensure we are providing material that is of value to you, please provide any questions or comments to me regarding this report.

Sincerely,
Luke Byrne

Executive Summary

During the month of October, the Ebensburg water treatment plant treated 25,411,000 gallons of reservoir water. This equates to an average of 819,710 gallons per day. The table found in plant operations of this packet showcases past month's historical average water production.

An average of 64,688 gallons per day was purchased from Saltlick and blended into Ebensburg's distributions system.

Third quarter disinfection by-product samples were collected at sample sites 700 Mini mall and 701 Airport. Sample results were found to be under the locational running annual average MCL for Haloacetic acids and Trihalomethanes.

Inframark hosted a tour of the WTP to Stiffler McGraw. Stiffler is conducting an assessment of the water treatment plant for future upgrades.

USG water solutions completed a tank washout/inspection of the Hillcrest elevated storage tank. The 5-year inspection/cleaning requires the elevated tank to be taken out of service for 4-5 days. During that time water is pumped directly into the distribution system and pressures are monitored closely. The tank is drained, cleaned, inspected, disinfected, and refilled. Inframark staff worked through the evening on October 20th to drain the elevated tank and switch over to direct pumping. Several pressure relief valves were used to complete this work to ensure the distribution system would not over pressurize. The tank was fully drained for USG by 7am October 21st. Inframark met with USG onsite to discuss the scope of the project and exchange emergency contact information. Once USG completed the inspection, the tank was refilled and check samples were collected. I am happy to report that this project was completed over the course of 4 days without any issues. USG will provide a full report of the inspection/cleaning.

An annual crane inspection was completed for the overhead crane used to hoist pumps and motors from the basement level of the WTP.

The upper reservoir water level is roughly 11 inches below full pool level.

On the Radar

DAF Spare parts/ annual maintenance

Upper reservoir intake valve repair

SCADA/Firewall upgrades

Raw water turbidity meter

Chlorine room PM

Winter weather preparation

Operations

Compliance:

- What is the monthly compliance reporting? We send about 10 pages of data that have been collected by our operators and SCADA system. These reports consist of over 20,000 points of data that are compiled into a report and sent to the state every month called the “Monthly Operating Report” (MOR). This report is a representation of how well the plant operates during the prior month.
- Monthly compliance reporting was collected and submitted to PA DEP.
- Monthly we are required to continuously monitor the turbidity levels for each individual filter. 2,976 readings were collected in October, and all readings were in compliance.
- Applicable primary and secondary contaminant levels were monitored during the month with no results exceeding maximum contaminant levels.
- Calibrated online and lab instrumentation to conform to PA DEP requirements.
- Collected and documented comparative grab samples to ensure accuracy of continuous chlorine analyzers.
- Collected and documented comparative grab samples to ensure accuracy of continuous turbidimeters and pH analyzers.
- Monitor water quality in clearwell for all compliance compounds and secondary contaminants.

Plant Operations

- Plant production has fluctuated through the month ranging from 702,000 – 935,000 gallons/day
- Conduct process control analysis daily.
- Backwash flow rates are monitored during backwash cycles.
- Filter media is observed daily for irregularities.
- Clarifiers are continuously monitored for sludge content and settling capability.
- Flows and chemical feed rates are adjusted daily to meet system demands.
- Chemical feed calculations and pump adjustments.
- Overnight flow monitoring.
- Monitor clarifier flow setpoints.
- Online instrument flows are verified multiple times daily.
- Downstream flow is monitored daily and adjusted as needed.

Past month's historical average water production

Date	Average gallons filtered per day	Total gallons filtered per month	Days Supplying Nanty Glo
October, 2025	1,058,129	32,802,000	0
November, 2025	1,102,367	33,071,000	0
December, 2025	1,139,613	35,328,000	0
January, 2026	1,158,484	35,913,000	0
February, 2026	1,239,857	34,716,000	6
March, 2026	1,150,903	35,678,000	10
April, 2026	1,000,000	30,000,000	0
May, 2026	1,010,806	31,355,000	0
June, 2026	963,467	28,904,000	0
July, 2026	924,129	28,648,000	0
August, 2026	1,060,935	32,889,000	18
September, 2026	923,700	27,711,000	7
October, 2026	819,710	25,411,000	0

Historical flows

Date	Average gallons filtered per day	Total gallons filtered per month	Days Supplying Nanty Glo
October, 2023	856,484	26,551,000	0
October, 2024	1,211,032	37,542,000	17
October, 2025	1,058,129	32,802,000	0
October, 2026	819,710	25,411,000	0

Maintenance & Repair

Inframark staff completed 98 work orders in the month of October

- Fire extinguisher inspections
- Exterior light repair
- Flush caustic line
- Ladder inspections
- Sump pumps exercised
- Eye wash/safety shower inspections
- Grease clarifier drives
- Cleaned clarifier troughs
- Chlorine room alarm test
- Greased finished water pumps/motors
- Alternated finished water pumps
- Cleaned pH and turbidity meters weekly
- DAF sump level sensor verifications
- Monitored filter bed expansion
- Cleaned facility

Financial Update

Maintenance Expenditures

Vendor	Expense	Description
Integrity crane	$215.18	Crane Inspection
Amazon	$436.66	Voice modem/signal extender

Caps

Caps For WTP	Contract Total per Year	Previous Balance	Total Spent This Month	Remaining Balance
Maintenance Cap	$26,664.12	$10,905.67	$615.84	$10,253.83
Chemical Cap	$95,990.76	$2,071.68	$8,187.12	-$6,115.44

Health & Safety

There were no accidents in the month of October. Personnel have worked 2,465 days (6 years and 10 months) without an accident/injury.

Inframark Training and Presentations

- Weekly tailgate meetings
- Safety flash reports
- Weekly process control meetings

Personnel

Name	Title	Operator Certifications
Kyle Smiley	Operator III	PA Class A, E, Water Subclass 1,10,11,12 PA Class A, E, Wastewater Subclass 1
Tony Perott	Operator II	PA Class C, E, Water Subclass 1,6,7,8,12
Shawn Jones	Mechanic II	NA
Joseph Pompa	Operator in Training	Training for PA DEP exam
Joseph Blythe	Operator in Training	Training for PA DEP exam
Luke Byrne	Project Manager	PA Class A, E, Water Subclass 1,7,8,10,11,12 PA Class A, E, Wastewater Subclass 1,3,4