

# Ebensburg Municipal Authority

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## August monthly report for WTP



September 28<sup>th</sup>, 2026

Ebensburg Borough  
300 West High Street  
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the August 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

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## Executive Summary

During the month of August, the Ebensburg water treatment plant treated 32,889,000 gallons of reservoir water. This equates to an average of 1,060,935 gallons per day. The table found in plant operations of this packet showcases past month's historical average water production.

An average of 182,310 gallons per day was purchased from Saltlick and blended into Ebensburg's distributions system. This number is higher than usual due to Nanty Glo buying water.

Ebensburg supplied Nanty Glo with 350GPM for 18 days during the month. Several power outages and flooding were some of challenges operators faced while providing Nanty Glo. On August 5<sup>th</sup> heavy rains caused flooding to the lower levels of the WTP facility. Staff was able to keep sump pumps running and prevent any equipment from being damaged. On August 22 power was lost to the facility. Operators were able to get the plant back online running on generator power for several hours. Once utility power was restored the plant was transferred back to normal operations. Currently there is no back up power at Ogden or Saltlick. Inframark has recommended Saltlick and Ogden both be wired for a mobile generator.

The DAF was taken offline during the month of August due to increasing raw water manganese levels. Once the reservoir turns over, the DAF will be placed back online. Staff will begin performing annual maintenance on the unit while it is out of service.

Inframark provided all the necessary documents needed to update the comprehensive monitoring plan and emergency response plan to Stiffler. The CMP has been submitted to PA DEP for review. ERP updates are still being completed by the public works director.

The upper reservoir water level is full. This marks the first time since April of 2025. Inframark's success with leak detection has reduced the daily demand from the reservoir by roughly 234,355 gallons per day. We still have four leaks identified that are being scheduled for repairs.

## On the Radar

DAF Spare parts/ annual maintenance

Upper reservoir intake valve repair

SCADA/Firewall upgrades

Loading dock rehabilitation

Heating system quotes

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## 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 August, 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 811,000 – 1,266,000 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.

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## Past month's historical average water production

| Date            | Average gallons filtered per day | Total gallons filtered per month | Days Supplying Nanty Glo |
|-----------------|----------------------------------|----------------------------------|--------------------------|
| August, 2025    | 1,230,645                        | 38,150,000                       | 31                       |
| September, 2025 | 1,099,067                        | 32,972,000                       | 6                        |
| 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                       |

## Historical flows for July

| Date         | Average gallons filtered per day | Total gallons filtered per month | Days Supplying Nanty Glo |
|--------------|----------------------------------|----------------------------------|--------------------------|
| August, 2023 | 1,008,484                        | 31,263,000                       | 16                       |
| August, 2024 | 1,216,452                        | 37,710,000                       | 20                       |
| August, 2025 | 1,230,645                        | 38,150,000                       | 31                       |
| August, 2026 | 1,060,935                        | 32,889,000                       | 18                       |

## Maintenance & Repair

Inframark staff completed 74 work orders in the month of August

- Fire extinguisher inspections
- Ladder inspections
- Sump pumps exercised
- Basement clean up from flooding
- DAF draining
- CL17 cleaning
- 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

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## Financial Update

### Maintenance Expenditures

| Vendor        | Expense  | Description           |
|---------------|----------|-----------------------|
| Ace Hardware  | \$42.16  | Plumbing supplies     |
| Home Depot    | \$280.44 | Ryobi batteries/light |
| The Long Barn | \$59.35  | CL17 repairs          |

### Caps

| Caps For WTP    | Contract Total per Year | Previous Balance | Total Spent This Month | Remaining Balance |
|-----------------|-------------------------|------------------|------------------------|-------------------|
| Maintenance Cap | \$26,664.12             | \$14,242.73      | \$381.95               | \$13,860.78       |
| Chemical Cap    | \$95,990.76             | \$23,244.58      | \$14,420.50            | \$8,824.08        |

## Health & Safety

There were no accidents in the month of August. Personnel have worked 2,404 days (6 years and 8 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<br>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<br>PA Class A, E, Wastewater Subclass 1,3,4 |