

Ebensburg Municipal Authority

July monthly report for WTP



August 24th, 2026

Ebensburg Borough
300 West High Street
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the July 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 July, the Ebensburg water treatment plant treated 28,648,000 gallons of reservoir water. This equates to an average of 924,129 gallons per day. The table found in plant operations of this packet showcases past month's historical average water production.

An average of 68,572 gallons per day was purchased from Saltlick and blended into Ebensburg's distributions system.

The water treatment plant received a partial inspection from PA DEP. Overall, the inspection went well with no deficiencies identified. We discussed updating our CMP, DRR, and RTCR plans to provide more flexibility with the lower reservoir usage. Those updated documents will be submitted to PA DEP in the upcoming months.

Severe storms challenged our operation staff during the month of July. Several power outages and a lightning strike damaged electrical equipment. On July 6th staff discovered an exploded lighting arrestor in the lagoon pump MCC. The arrestor was destroyed but prevented further damage to the lagoon pump MCC. A new arrestor has been installed. On July 18th and 19th power was lost several times damaging an analog input card in the PLC panel. Staff ran the plant for several days in a manual mode until a new input card could be installed. Another outage occurred on July 21st, but no issues occurred. Lastly on July 28th power was lost to the facility causing a check valve to stick open. Quick response by staff prevented the plant from flooding.

Nanty Glo has reached out to EMA requesting our help to provide them with 450GPM for 8-10 days in August. During that time, they plan to replace the media inside two filter units.

Jacob Botteicher from MARC Supply visited the plant to develop a quote to replace the heating system.

Inframark is currently reviewing and providing information for the emergency response plan that is due by the end of this year.

The upper reservoir water level is down 1.2 ft from full pool level.

On the Radar

DAF Spare parts

Upper reservoir intake valve repair

SCADA upgrades

Loading dock rehabilitation

Heating system quotes

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 July, 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 803,000 – 1,027,000 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
July, 2025	1,161,581	36,009,000	13
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

Historical flows for July

Date	Average gallons filtered per day	Total gallons filtered per month	Days Supplying Nanty Glo
July, 2023	860,323	26,670,000	0
July, 2024	1,176,161	36,461,000	0
July, 2025	1,161,581	36,009,000	13
July, 2026	924,129	28,648,000	0

Maintenance & Repair

Inframark staff completed 92 work orders in the month of July

- Fire extinguisher inspections
- Ladder inspections
- Sump pumps exercised
- Lighting arrestor
- Replaced PLC input card
- 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

Financial Update

Maintenance Expenditures

Vendor	Expense	Description
Mosebach	\$1,784.78	PLC input card
Hach	\$220.88	Turbidimeter flow meter
The Meter Guy	\$950.00	Annual flow meter calibrations

Caps

Caps For WTP	Contract Total per Year	Previous Balance	Total Spent This Month	Remaining Balance
Maintenance Cap	\$26,664.12	\$17,198.39	\$2,955.66	\$14,242.73
Chemical Cap	\$95,990.76	\$31,501.36	\$8,256.78	\$23,244.58

Health & Safety

There were no accidents in the month of July. Personnel have worked 2,373 days (6 years and 7 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