

Ebensburg Municipal Authority

August monthly report for WWTP



September 28th, 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 wastewater treatment facility.

Thank you for the opportunity to provide Operations and Maintenance Services to the Borough 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 August, the Ebensburg wastewater plant treated 33,458,400 gallons of wastewater. This equates to an average of 1,079,303 gallons per day.

The centrifuge was operated weekly this month, and 10.6 tons of dry sludge was sent to the landfill.

In August, the treatment facility experienced one power outage and four heavy rain events. The first heavy rain event occurred on August 5th. Roughly 1.58 inches of rain fell in a short period of time causing an overflow at the UV tank. Pennsylvania DEP was notified and an unauthorized sanitary sewer overflow report has been submitted. The other rain events were less severe, and the plant was able to handle incoming flows without overflow events.

The roof in the blower building has been getting progressively worse. The building has a metal roof that has been covered by rubber. The rubber roof is leaking and rotting out the metal roof underneath. The most recent rain events have caused some of the rusted metal roof to fall. As the roof continues to degrade the leaks are approaching near by electrical cabinets. Inframark is working with borough manager to find a contractor to repair this issue.

Algae/Duckweed was removed from the process water tank with a 2-inch pump and screening basket.

The 8-inch township line was jetted during the month to ensure flows were not restricted.

Several exterior lights were replaced with LED fixtures on the headworks building.

Staff worked on digging out the drying beds to prepare for this years hauled in sludge. We plan to begin accepting sludge from Somerset Water Authority starting in October.

Several areas of plant were pressure washed removing moss and stains around the buildings. A small hole was filled with cement at the bottom of the stairs leading to the state school meter.

On the Radar

SCADA programming/Firewall

Centrifuge auger sensor rebuild

SBR blower rebuilds

Investigate heavy flows during rain events

UV spare parts

Operations

Compliance:

- A Sanitary Sewer Overflow event occurred on August 5th.
- Effluent pH alkalinity, and dissolved oxygen are analyzed 7 days a week.
- SBR tank testing is performed for process control purposes on Monday, Wednesday, and Friday of each week. Analysis completed is Settleability, and Mixed Liquor Suspended Solids (MLSS) on all four SBR units.
- Influent and effluent compliant testing is completed for reporting to DEP on Tuesdays and Thursdays. The testing performed is, two Influent Total Suspended Solids (TSS) and two biological oxygen demand (BOD). Two effluent Total Suspended Solids (TSS), two Carbonaceous Biological Oxygen Demand (CBOD), two Phosphorus, two Total Kjeldahl Nitrogen, two Nitrate-Nitrite, two Ammonia as N, and two fecal coliform samples.
- Record UV intensity.
- Composite samples collected.
- All data is entered into WIMS daily for E-DMR monthly reporting.
- Monthly reports are sent to DEP electronically by the 28th of each month.
- All samples collected during August were in compliance.

Plant Operations

- Inspected splitter box
- Composite samplers are inspected, and samples collected
- Screening unit inspections/clean outs daily
- Grit removal process inspections/optimization
- Record/adjust process SBR phases
- Utility water pumping
- Operations of WAS pumps vs settleability
- Sludge pumped up to digesters for thickening
- Decant digesters to allow more thickening
- Process control lab work completed daily
- Centrifuge operations
- Optimize polymer feed system
- Sludge dumpster preparation
- Removed floating debris in SBR tanks
- Aeration cycles optimized
- Influent and Effluent samplers checked daily
- UV operational checks

Maintenance & Repair

- Inframark staff completed 81 work orders in the month of August
- Greased decaners on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Pressure cleaning around buildings
- LED fixtures
- Patched hole in cement
- Jetted State School Line
- Removed tree from drying beds
- Fill in ground hog holes
- Trojan UV channel cleaning
- Headworks bypass channel cleaning
- Grit removal inspections
- Cleaned wet well pump floats
- Cleaned UV basin and bulb covers
- Clean out #3 and #4 digester weirs and troughs
- Monthly safety inspections completed
- Checked oil and belts on blowers daily, grease weekly
- Centrifuge building floor hosed
- Greased centrifuge
- Inspect State School weir box
- Control building floors swept and mopped weekly
- Lawn maintenance

Financial Update

Maintenance Expenditures

SQ Total SP	\$370.00	Scale calibrations
Sheetz	\$84.83	Mower/Pump fuel

Caps

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
Maintenance Cap	\$26,664.12	\$11,584.86	\$454.83	\$11,130.03
Sludge Cap	\$85,325.04	\$38,804.50	\$6,646.88	\$32,157.62
Chemical Cap	\$23,890.92	\$12,550.92	-	\$12,550.92

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
Randy Lauer	Operator II	PA Class A, E, Wastewater Subclass 1,2,3,4
Kyle Smiley	Operator III	PA Class A, E, Water Subclass 1,10,11,12 PA Class A, E, Wastewater Subclass 1
Tony Perott	Operator I	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