

Ebensburg Municipal Authority

September monthly report for WWTP



October 19th, 2026

Ebensburg Borough
300 West High Street
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the September 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 September, the Ebensburg wastewater plant treated 26,123,200 gallons of wastewater. This equates to an average of 870,773 gallons per day.

The centrifuge was operated weekly this month, and 10.37 tons of dry sludge was sent to the landfill.

Inframark resolved a customer complaint that was filed with PA DEP. The complaint stated raw sewage was being dumped on Wilmore Road. After meeting with the resident, it was determined the debris on the road was spilling out of our garbage haulers truck. The haulers indicated that recent heavy rains have overwhelmed their trucks with water causing them to spill out the rear. Inframark staff cleaned the debris along Wilmore Road and requested that our garbage hauler pick up our dumpster on a day the truck is less full. We are monitoring this issue closely. No spills have occurred since the pickup days have been changed.

Staff has been inspecting manholes during rain events to determine where most of the inflow is coming from. We have discovered most of the inflow is coming from the Southwest quadrant and the Northeast quadrant of Ebensburg.

Cintas performed the annual inspection of all fire extinguishers at the WWTP facility.

Staff replaced a proximity sensor on the centrifuge conveyor. A new bracket was fabricated to allow the sensor to swing out of the way rather than be destroyed by the auger.

The process water suction screen clogged several times during the month. Staff has been blowing that line out regularly to remove algae and duckweed.

Several HVAC contractors visited the plant during the month to provide pricing on a new heating system. Tammy has been working with those folks to get quotes.

Annual maintenance of the lawn equipment was performed. Oils changed and belts checked.

On the Radar

SCADA programming/Firewall

SBR blower rebuild

Hauled in Sludge

Investigate heavy flows during rain events

UV spare parts

Operations

Compliance:

- A customer complaint was resolved.
- 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 September 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 114 work orders in the month of September
- Greased decaners on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Process water line clogged
- Replaced window unit AC in lab
- Centrifuge sensor
- DO Probe cleaning
- Flushed basement drain lines
- Tested generator
- Lawn equipment maintenance
- 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

Caps

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
Maintenance Cap	\$26,664.12	\$11,584.86	-	\$11,130.03
Sludge Cap	\$85,325.04	\$38,804.50	-	\$32,157.62

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
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 2,434 days (6 years and 9 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