

Ebensburg Municipal Authority

July monthly report for WWTP



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 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 July, the Ebensburg wastewater plant treated 22,923,000 gallons of wastewater. This equates to an average of 739,451 gallons per day.

The centrifuge was operated weekly this month, and 13.2 tons of dry sludge was sent to the landfill.

In July, the treatment facility experienced several power outages. The first outage tripped the VFD for #1 decanter. Operators were able to place the unit in manual and return the decanter to normal operations. The second outage occurred while the centrifuge was in operation and required an emergency shut down of the equipment. No damage was discovered and operators were able to get the plant back online in a timely manner. A clean in place was performed on the centrifuge to ensure the machine was flushed of solids and polymer.

Staff removed excessive grease build up in the SBR tanks. This issue always seems to occur every year after the wheels and wings event in Ebensburg. Inframark recommends reaching out to restaurants in the business district inquiring about grease trap inspections.

Exterior painting of safety bollards, overhead crane, and loading dock were completed during the month.

A new shut down solenoid was installed on the large tow behind HATZ diesel pump.

New sampler tubing was installed on the effluent auto sampler. Small cracks were discovered in the tubing.

An internal electrical safety audit was conducted at the treatment facility during the month. This inspection ensured that we have the correct electrical PPE and safety apparatus on site.

Auma actuator for #2 SBR air valve has been sent out for factory repair and was received back on 07-22-26.

A large cloth sheet along with plastic bags were removed from the splitter box.

On the Radar

SCADA programming

Influent splitter box lid repair

SBR blower rebuilds

Investigate heavy flows during rain events

Operations

Compliance:

- 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 July 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 105 work orders in the month of July
- Greased decaners on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Removed brush around gate
- Painting bollards
- Pipe gallery labeling
- Centrifuge CIP
- Effluent sampler tubing
- 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

The Meter Guy	\$500.00	Meter calibration
Tractor Supply	\$84.65	Handrail repairs
Ludwig	\$669.18	Headworks fan motor
Ace Hardware	\$130.05	Painting
Auma	\$1,015.31	Actuator rebuild

Caps

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
Maintenance Cap	\$26,664.12	\$13,984.05	\$2,399.19	\$11,584.86
Sludge Cap	\$85,325.04	\$50,220.88	\$10,416.38	\$38,804.50
Chemical Cap	\$23,890.92	\$15,358.92	-	\$12,550.92

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
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