

# Ebensburg Municipal Authority

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## February monthly report for WWTP



March 23<sup>rd</sup>, 2026

Ebensburg Borough  
300 West High Street  
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the February 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

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## Executive Summary

During the month of February, the Ebensburg wastewater plant treated 27,549,100 gallons of wastewater. This equates to an average of 983,896 gallons per day.

The centrifuge was operated weekly this month, and 8.1 tons of dry sludge was sent to the landfill.

During February, the wastewater facility well water line froze. Staff was able to thaw the 2 inch well line with the use of warm water from the water heater. A new hose bib was installed and well line plumbing modifications were needed to resolve the issues.

The extreme cold temperatures prompted us to investigate means of isolating water lines throughout the facility in case of breaks. Several ball valves and plumbing modifications were made to allow the ability to isolate the head works and centrifuge water lines.

Staff replaced the packing flange bolts on sludge pump #1. The old bolts were corroded and could no longer be tightened. The pump packing began leaking badly during the month causing the drain ports to clog. New bolts were installed and tightened to manufacturers' recommendations.

Grit blower #2 was taken out of service. The grit blower was torn down, cleaned, and evaluated. New bearing and seals were installed. Fresh oil and grease was installed before start up. The blower has been running well since the rebuild.

A new stainless-steel fitting was installed on the UV coolant site tube replacing the old, compromised fitting.

Process water pump #1 has been pulled and the motor has been sent for an evaluation. During the month, several faults have occurred indicating the issue could be either the pump or motor is going bad. A rebuild kit has been ordered and will be installed once the motor is returned.

## On the Radar

SCADA programming

Process water tank/effluent chamber sealing

Process water pump

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## 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 28<sup>th</sup> of each month.
- All samples collected during February were in compliance.

## Plant Operations

- Inspected Industrial Park and Emerald Estates pump stations
- 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 82 work orders in the month of February
- Greased decanters on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Well line repairs/modifications
- Process water isolation valves
- Grit blower rebuild/install
- LED lights in basement
- Trojan UV channel cleaning
- Battery tenders installed on small engines
- Process water maintenance
- 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
- Salted and plowed

## Financial Update

### Maintenance Expenditures

Amazon	\$1,086.48	Foot valve/blower/battery tenders/computer screen
Automation Direct	\$54.06	UV fitting
Ace Hardware	\$150.80	Heat tape compression fittings
Uni-mart	\$42.40	Propane
The Meter Guy	\$500.00	Annual meter calibrations
Lubrication Engineers	\$190.83	Oil/grease
Long Barn	\$181.35	Heat tape/tarp
Tractor Supply	\$69.88	Hose repairs/ hose bib/well line
Wal-Mart	\$49.11	Centrifuge liner hold downs/folders
Vevor	\$142.55	Welding Cart
YSI	\$223.06	Dissolved air probe cover

## Caps

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
Maintenance Cap	\$26,664.12	\$26,497.25	\$2,690.52	\$23,806.73
Sludge Cap	\$85,325.04	\$81,319.96	\$6,823.72	\$74,496.24
Chemical Cap	\$23,890.92	\$23,890.92	-	\$21,893.58

## Health & Safety

There were no accidents in the month of February  
 Personnel have worked 2,219 days (6 years and 2 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
Cody Williams	Operator	PA Class E Water Subclass 12
Luke Byrne	Project Manager	PA Class A, E, Water Subclass 1,7,8,10,11,12 PA Class A, E, Wastewater