

# Ebensburg Municipal Authority

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## March monthly report for WWTP



April 27<sup>th</sup>, 2026

Ebensburg Borough  
300 West High Street  
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the March2026 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 March, the Ebensburg wastewater plant treated 37,959,300 gallons of wastewater. This equates to an average of 1,224,493 gallons per day.

The centrifuge was operated weekly this month, and 11.91 tons of dry sludge was sent to the landfill.

During March, staff installed a floor drain in the rear area of the basement. The old drain in that area of the basement was blocked and not taking water. The floor was uneven causing water to run away from the drain. Roughly 10 ft of concrete was removed, and a new six-inch floor drain was installed. We were able to slope the new cement to allow water to run into the drain.

Staff completed new plumbing of the suction lines on the process water pumps and installed a new foot valve.

There were several issues with the polymer pump during the month. A repair was made on the suction line, and the pump head was drilled and tapped with a valve. Both repairs have helped to make the pump more reliable.

In early January public works director Jerry Poruban informed Inframark the sewer jetter was not functional, and water was pouring out of several areas on the pump. Jerry explained that he was unable to find anyone willing/interested in repairing the jetter and the borough was entertaining the purchase of a new Jetter for \$80,000. Having previous knowledge of this machine in the past working for the borough, I suggest that Inframark could look at it. We discovered the machine had frozen, breaking all the check valves and seals inside the pump. Our staff was able to work with the manufacture and rebuild the jetter for roughly \$6,500. New oils and filters were installed along with several hydraulic hoses that were damaged. The jetter pump has been rebuilt to like new condition and should last for many years. We also printed out guidance on using antifreeze in the machine when operating in winter months. Lastly, we noticed the tires on the machine are wearing poorly. This could be caused by improper hauling height. There are several adjustments on the tongue of the trailer that allow the machine to be hauled level to prevent uneven tire wear. Inframark recommends having someone inspect the tires and adjust the haul height to prevent an incident while hauling.

## On the Radar

SCADA programming

Lawn repairs

Influent splitter box lid repair

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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 March 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 135 work orders in the month of March
- Greased decanters on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Jetter rebuild
- Process water suction line repairs
- Basement floor drain installation
- Polymer pump
- 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

## Financial Update

### Maintenance Expenditures

MROSupply	\$660.68	Process water pump kit
EBAY	\$524.48	Goulds seal kits
Napotnik welding	\$139.60	Welding wire/shop rags
LB Water	\$259.79	Process water flanges
Tractor Supply	\$92.18	Jetter tool
Amazon	\$297.16	Process water/puller set

### Caps

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
Maintenance Cap	\$26,664.12	\$23,806.73	\$1,973.89	\$21,832.84
Sludge Cap	\$85,325.04	\$74,496.24	\$4,120.52	\$70,375.72

<b>Caps For WWTP</b>	<b>Contract Total per Year</b>	<b>Previous Balance</b>	<b>Total Spent this month</b>	<b>Remaining Balance</b>
Chemical Cap	\$23,890.92	\$21,893.58	\$2,808.00	\$19,085.58

## Health & Safety

There were no accidents in the month of March  
 Personnel have worked 2,250 days (6 years and 3 months) without an accident/injury.

### **Inframark Training and Presentations**

- Weekly tailgate meetings
- Safety flash reports
- Weekly process control meetings

## Personnel

<b>Name</b>	<b>Title</b>	<b>Operator Certifications</b>
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