INFRAMARK
WATER INFRASTRUCTURE OPERATIONS

# Ebensburg Municipal Authority

## October monthly report for WWTP



November 16th, 2026

Ebensburg Borough
300 West High Street
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the October 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 October, the Ebensburg wastewater plant treated 18,590,000 gallons of wastewater. This equates to an average of 599,677 gallons per day.

The centrifuge was operated weekly this month, and 6.99 tons of dry sludge was sent to the landfill.

The wastewater treatment plant accepted 186,000 gallons of hauled in sludge from Somerset Water Authority. The sludge was discharged into the two drying beds and solids testing was performed. The sludge will slowly dry out over time and be hauled out in August of 2027. The hauled in sludge will be documented on the 2026 October DMR and the Borough admin will use the solids data to bill accordingly.

A representative from Cambria Systems SCADA company was onsite during the month to evaluate the SCADA firewall and servers needed.

Several times over the last two years #1SBR influent valve actuator has failed to work properly due to extreme cold temperatures. In the past, staff has used heaters and heat tape to keep the valve working through cold weeks. This year we have built an insulated hut to place over actuator and an outlet has been installed for heat tape. The actuator and valve will be wrapped with insulation. The hut will be placed overtop to help retain the heat and reduce the wind impact.

The process water baskets continue to be an issue with clogging and remaining operational. Inframark has been working with the borough manager to run city water to the treatment facility. If the proper easements can be obtained, water can be run from Crestwood or along the state school easement.

Several adjustments were made to the grit removal process during the month of October to optimize grit removal.

Inframark hosted a tour of the WWTP to Stiffler McGraw. Stiffler is conducting an assessment of the UV unit to provide upgrade options.

## On the Radar

SCADA programming/Firewall

SBR blower rebuild

Winter weather preparation

UV spare parts

Shelving

# 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 28$^{th}$ of each month.
- All samples collected during October 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 85 work orders in the month of October
- Greased decanters on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Built insulated hut for SBR#1 influent valve actuator
- DO Probe cleaning
- Tested generator
- 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**

| | | |
|---|---|---|
| Ace Hardware | $115.78 | Stainless washers for UV/Centrifuge repairs |
| Walmart | $370.98 | Lab window unit |
| Amazon | $21.19 | Skid steer hood spring |
| IFM Efector | $225.93 | Centrifuge sensor |
| EBAY | $53.00 | Skid steer gas strut |
| Sheetz | $67.20 | Fuel for lawn maintenance |
| Home Depot | $104.94 | Ryobi battery |

**Caps**

| Caps For WWTP | Contract Total per Year | Previous Balance | Total Spent this month | Remaining Balance |
|---|---|---|---|---|
| Maintenance Cap | $26,664.12 | $11,130.03 | $959.02 | $10,171.01 |
| Sludge Cap | $85,325.04 | $32,157.62 | $10,562.97 | $21,594.65 |
| Chemical Cap | $23,890.92 | $12,550.92 | $2,808.00 | $9,742.92 |

## Health & Safety

There were no accidents in the month of October
Personnel have worked 2,465 days (6 years and 10months) 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<br>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<br>PA Class A, E, Wastewater Subclass 1,3,4 |