

Ebensburg Municipal Authority

January monthly report for WWTP



February 23rd, 2026

Ebensburg Borough
300 West High Street
Ebensburg, PA 15931

Dear Authority Members,

Inframark is pleased to submit the January 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 January, the Ebensburg wastewater plant treated 25,050,400 gallons of wastewater. This equates to an average of 808,077 gallons per day.

The centrifuge was operated weekly this month, and 13.0 tons of dry sludge was sent to the landfill.

During January, the centrifuge bearing temperatures rose above normal operating levels. The manufacturers recommended running the centrifuge with the auto greaser shut off to remove excess grease inside the bearing. A portable air compressor was borrowed from the borough and used to cool the bearings during operations and prevent overheating. This solved the problem and both bearings have returned to normal operating temperatures. It was determined that a buildup of grease in the bearing was causing friction and overheating to occur.

Staff responded to multiple call outs for SBR#1 influent valve. During cold weather, the valve struggles to fully open and fully close. We have been in contact with the manufacturer and have insulated the valve to resolve the issue. Heat tape was wrapped around the valve and actuator along with insulation. The valve has been working properly since the heat tape and insulation has been installed.

Last month we were working with a Penelec engineer to determine why the facility has a power outage every month. Through SCADA trending we have determined that an outage occurs the same week and close to the same time every month. Penelec has installed a data recorder on the transformer to collect more information on the issue. As a follow-up to this, we are now working with Cummins generator sales and services to investigate the generator transfer switch. Cummins will be onsite in February to investigate the transfer switch.

The sewer lift stations were inspected regularly throughout the month. The pump runtime hours were documented, and generators were inspected for normal operations. The wet wells were pumped down, and flanges/seats were inspected for leaks. No leaks were discovered. The floats/transducers at all three lift stations were also found to be working properly. Basket screeners were pulled and cleaned out. The lift station buildings were swept and cleaned. All pumpstations were plowed and salted during winter weather events. Annual data from the pumpstations was shared with the Borough engineers to complete the Chapter 94 reports.

On the Radar

SCADA programming

Grit blower repairs

Centrifuge bearing temperatures

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 January 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 51 work orders in the month of January
- Greased decanters on SBR tanks
- Greased screening unit
- Influent screening unit hosed and cleaned daily
- Adjusted centrifuge auto greaser
- Grit blower belt tension
- Trojan UV channel cleaning
- 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

Grainger	\$166.87	Compliance fridge thermometers
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Caps

Caps For WWTP	Contract Total per Year	Previous Balance	Total Spent this month	Remaining Balance
Maintenance Cap	\$26,664.12	\$26,664.12	\$166.87	\$26,497.25
Sludge Cap	\$85,325.04	\$85,325.04	\$4,005.08	\$81,319.96
Chemical Cap	\$23,890.92	\$23,890.92	\$1,997.34	\$21,893.58

Health & Safety

There were no accidents in the month of January

Personnel have worked 2,191 days (6 years and 1 month) 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