

# Ebensburg Municipal Authority

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April monthly report for WTP



May 23, 2022

Ebensburg Borough  
300 West High Street  
Ebensburg, PA 15931

Dear Authority Members,

Attached is the monthly report detailing the operations and maintenance of the Ebensburg Water Treatment Facility for the month of April.

Sincerely,  
Luke Byrne

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## Water Treatment Plant Summary

The water treatment plant facility operated continuously for the month of April

### Items Requiring Approval

None

### Operations

- Plant operated 720 hours.
- Water treatment plant produced 28,824,000 gallons of water
- Saltlick pump station supplemented 1,934,950 gallons of water
- All routine monthly compliance samples were collected
- All monthly state reports were submitted

### Work Orders

Inframark staff completed 47 work orders for the month of April

### Maintenance & Repair

Inframark staff completed the following tasks in the month of April

- Calibrated all online compliance analyzers
- Calibrated all lab instruments weekly
- Adjusted the flows and chemical feed rates according to system demand
- Performed comparative grab samples for chlorine analyzers
- Verified online turbidity measurements against the bench top analyzer weekly
- Lagoon vault float ball bracket repair
- Lowered valve box in driveway
- Repaired damaged ventilation screens on exterior of building
- SCADA programming on filter #1 influent valve
- Installed new seal kit on raw water valve
- Method 334.0 performed on benchtop and handheld instruments
- Sump pumps exercised
- Chlorine room alarm test
- Greased finished water pumps/motors
- Alternated finished water pumps weekly
- Jar testing to optimize chemical usage
- Cleaned pH and turbidity meters weekly
- Monitored filter beds for deficiencies
- Cleaned facility

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## Financial Update

### Maintenance Expenditures

Vendor	Expense	Description
Dave Hazlet	\$1050.00	Raw water valve seal kit installation
Ace Hardware	\$138.42	Plumbing supplies for raw water valve

### Caps

Caps For WTP	Contract Total per Year	Previous Balance	Total Spent This Month	Remaining Balance
Maintenance Cap	\$26,010.00	\$23,368.09	\$1,188.42	\$22,179.67

## Health & Safety

There were no accidents in the month of April. Personnel have worked 820 days without an accident/injury.

### Inframark Training and Presentations

- Weekly tailgate meetings
- COVID-19 news and updates
- Personal Protective Equipment
- Safety coordinator meeting

## Noteworthy Events

- On April 3<sup>rd</sup> Inframark staff worked with the borough to drain the North Hillcrest tank.
- On April 12<sup>th</sup> a new seal kit was installed on the raw water valve. During this repair it was noted that the crown seat was worn and causing by-pass flows when the valve was in the closed position. Recommendations have been made to replace the aged valve.
- On April 20<sup>th</sup> Inframark hosted a tour for Saint Francis University's environmental engineering class. Professor Mr. Tasker was very appreciative of the tour and experience his students received. We would like to thank everyone for allowing us to host these types of events.
- On April 22<sup>nd</sup> Inframark staff worked with the borough to drain the South Hillcrest tank.
- On April 26<sup>th</sup> the lagoon pump station float ball bracket failed. Corrosion of the bolts caused the metal bracket to fall releasing the pump control floats.

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Staff was able to manually close the valves to the lagoon, pump down the vault, and make the repairs.

## Personnel

<b>Name</b>	<b>Title</b>	<b>Wastewater Operator Certifications</b>
Luke Byrne	Water Plant Manager	PA Class A, E, Water Subclass 1,7,8,10,11
Kyle Smiley	Operator	PA Class A, E, Subclass 1
Ryan Lanzendorfer	Operator in Training	

April 2022 lab results are available upon request.

Luke Byrne,  
Plant Manager