

Ebensburg Municipal Authority

Effluent Quality and Permit Compliance for

[February] Monthly Report [02/28/22]

Operations

- Plant returned 30.786million gallons of clean water to Howells Run
- All tests and operational requirements were met for January
- 5.850 tons of sludge sent to landfill
- No excursions for month
- Made plant rounds and equipment checks daily several times a shift

Maintenance & Repair

- Made daily equipment checks and plant rounds several times a shift
- Cleaned influent screening unit daily
- Replaced influent screening unit auger motor, unit back in service with no issues
- Plant safety inspection complete for the month
- Ran generator 10 hours Friday 2-4-22due to power outage. Plant was manned and no issues due to the power failure
- Work orders complete for the month
- Ran centrifuge as needed for the month

Caps	This Month	Contract Year to Date	Remaining Balance
Maintenance Cap \$22,973.62	\$572.72	\$12,195.99	\$10,777.63
Sludge Disposal Cap \$\$75,813.21	\$235.85	\$58,765.09	\$17,048.12



Michael J. Montgomery
Plant Manager- Ebersburg WWTP

Ebensburg Municipal Authority

January monthly report for WTP



February 28, 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 January.

Sincerely,
Luke Byrne

Water Treatment Plant Summary

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

Items Requiring Approval

None

Operations

- Plant operated 744 hours.
- Water treatment plant produced 26,537,000 gallons of water
- Saltlick pump station supplemented 1,861,103 gallons of water
- All routine monthly compliance samples were collected
- All monthly state reports were submitted

Work Orders

Inframark staff completed 53 work orders for the month of January

Maintenance & Repair

Inframark staff completed the following tasks in the month of January

- 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
- Sump pumps exercised
- Dehumidifier replacement in DAF room
- Installed new gate at entrance
- DAF heater replacement
- Rebuilt raw water valve solenoid
- Cleaned clarifier troughs
- Quarterly plant shut down test performed
- 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
- Sampled sludge blanket levels
- Monitored filter beds for deficiencies
- Cleaned facility

Financial Update

Maintenance Expenditures

Vendor	Expense	Description
Ace Hardware	\$380.35	Dehumidifier/ Hardware for gate
Scanlan Electric	\$8.87	Brackets for gate sign
Grainger	\$911.65	DAF heater/ Raw water solenoid
Lowe's	\$210.94	Electric Power washer

Caps

Caps For WTP	Contract Total per Year	Previous Balance	Total Spent This Month	Remaining Balance
Maintenance Cap	\$25,500.00	\$3,566.11	\$1,511.81	\$2,054.30

Health & Safety

There were no accidents in the month of January. Personnel have worked 731 days without an accident/injury.

Inframark Training and Presentations

- Weekly tailgate meetings
- COVID-19 news and updates
- Personal Protective Equipment
- Bulk chemical transfer SOP review

Noteworthy Events

- On January 5th 2022, A new gate was installed at the entrance of the WTP driveway.
- On January 6th 2022, Inframark installed a new unit heater in the DAF room.
- On January 13th 2022, Inframark staff rebuilt a failing solenoid in the raw water vault.
- On January 21th 2022, The facility experienced a power outage. During this time staff tested quarterly shut down capabilities.
- On January 26th 2022, Inframark staff completed first quarter Method 334.0 on our chlorine analyzers.

Personnel

Name	Title	Wastewater Operator Certifications
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	

January 2022 lab results are available upon request.

Luke Byrne,
Plant Manager