

EAST BERLIN AREA JOINT AUTHORITY
103 LOCUST STREET / PO BOX 37
EAST BERLIN, PA 17316

April 3, 2025

The monthly meeting of the East Berlin Area Joint Authority Board was held April 3, 2025 at 103 Locust St., East Berlin, PA. The meeting was presided over by Chairman Green. Chairman Green opened the meeting at 7pm with a Pledge of Allegiance to the American flag.

Members Present: Chairman G. Green, V.C. Weidner, R. Teal, V. Krall

Members Absent: W. Staub

Also Present: Solicitor Battersby, Engineer D. Young, M. Earp, N. Boyer

Guests: Joseph Pearch, AquaWater VP of Emerging Contaminants, Tom Rafferty, AquaWater Director of Procurement, Sophia Jones, PFOS Specialist, J.T. Hand and Matt Scarpato of York Water.

Agenda: A motion was made by R. Weidner to accept the agenda for April 3, 2025 board meeting as written, with a second by V. Krall. **Motion carried to accept the agenda as amended.**

Minutes: A motion was made by R. Teal to accept the minutes of March 6, 2025 as written, with a second by R. Weidner. Motion carried to accept the minutes as written.

A motion was made by V. Krall to accept the minutes of Special Meeting March 14, 2025 with a second by R. Weidner. Motion carried.

A motion was made by R. Teal to accept the minutes of Special Meeting March 27, 2025. G. Green supplied corrections related to adjournment. The motion was seconded with the corrections by V. Krall. Motion carried.

Payment of Bills: All members received a list of payables for March 2025, totaling **\$80,108.66** from the Operational funds. Chairman Green noted this amount included sludge removal. A motion was made by R. Weidner to pay the March 2025 bills, with a second from V. Krall. Motion carried.

Public / Guest Comment: Joseph Pearce of Aqua Water brought an innovative remediation process to the attention of the board. The information he provided included:

- AquaWater has been in operation for 135 years. They operate over 3,000 wells, mostly large systems in North Carolina. They have deep technical and engineering expertise, broad operating experience in water and wastewater, a robust capital investment program, excellent compliance track record, a resilient cybersecurity program, and are an active partner in the communities they serve. They also operate their own PFAS laboratory (more than 18,000 samples tested).
- Noted that 15% of all wells tested are positive for PFOAs.
- Are interested in procurement, but mostly wanted to share information on the filtration system they designed and developed after they realized there was nothing on the market that suited their needs. Their system is operating in North Carolina. They were encouraged by the EPA to share the technology since it is an emerging problem with few existing treatment options.
- Do not like GAC treatment due to the wash level needed to rinse off black carbon and arsenic that creates hazardous runoff. Also feel it needs to be changed out too frequently.
- Buffered Exchange Resin is one of the three methods already recommended by the EPA.
- GAC requires ten minutes of contact; anion exchange requires two minutes.
- The media used in the process is problematic to produce due to environmental constraints, therefore it must be procured from China or Romania, where environmental restrictions are less stringent. Purelite from King of Prussia treats it for them. The cost of the media (pre-tariff) is \$400 per cubic foot.

- The system is designed to last four years. It costs approximately (pre-tariff) \$50,000 to swap out the system when it needs to be exchanged.
- The bag will need to be replaced every month, they cost about \$3.00 each.
- Approximate cost of the system is: \$175,000.00 This includes everything except the concrete pad and the piping needed to run from the well to the filtration system.
- The tanks should last fifty years. The utility building might need to be replaced before fifty years.
- They offer five different sized systems depending on the gallons per minute produced by the well.
- The filtration system includes:
 - NSF approved Anion Exchange resin
 - Standard canister size and specification designed for specific flow rate ranges.
 - NSF 61 hoses
 - Standard sampling locations.
 - Standard resilient enclosure (no wood).
 - Built for rapid deployment, rapid replacement, and off-site refurbishment.
- Key Features include:
 - Hinged door at Bag Filter and Midpoint Sampling point
 - Rear large doors for vessel changeout
 - Drains for leaks
 - 5-micron bag filter
 - Resin Trap
 - For startup – zero headspace continuous pH monitoring equipment.
- Benefits include:
 - Easy to assemble and maintain.
 - Easy Vessel Rebedding.
 - Small Footprint.
 - Climate controlled enclosure (insulated, heated, dehumidified).
 - Minimal disruption during construction and installation.
 - Designed for future regenerable ion exchange media use.

Chairman Green thanked the gentlemen for their presentation.

Engineer's Report:

- BH is scheduled to attend the Hamilton Township Board of Supervisors meeting on Monday My 7 and the Planning Commission on Tuesday April 15, 2025. The study has been provided to the Borough, Hamilton Township, and Adams County for review. It will be advertised for 30-Day public comment on Monday. Copies will be available at the EBAJA office, the Hamilton Township office, the Borough Office, and the EBAJA website, as well. Comments will be directed to a dedicated email at Buchart Horn.
- Completed the design for the water / sewer extension on Rte. 194. They will now prepare and submit the permit applications.
- Still have not learned if the generator can be purchased using co-stars.
- Noted that Ion Exchange remediation has been permitted for uses other than public water systems in PA.

Solicitor's Report:

- Provided information to the board on the executive V.P. of Raftelis Financial Consultants, John Mastracchio. Asked for a motion to engage the services of Raftelis Financial Consultants to provide an appraisal of the water/sewer system. A motion was made by R. Teal to engage Raftelis Financial Consultants with a second by V. Krall. Motion carried.

Treasurer's Report:

- **Open Balance: \$224,872.39**

Secretary's Report:

- Annual audit is scheduled for April 14 & 15, 2025.

Unfinished Business:

- PFOS/PFOA

New Business: n/a

Operator's Report:

Correspondence: n/a

Executive Session: n/a

Motion to adjourn the meeting was made by **R. Weidner** with a second by **R. Teal**.

Meeting was adjourned by **Chairman Green** at 7:52 p.m.

The next monthly board meeting is scheduled to be held **May 1, 2025** at 103 Locust Street at 7:00 p.m.