



North Wales Water Authority

PUBLICLY OWNED SINCE 1951

To: All Durham Village Water Customers

From: Robert C. Bender, Executive Director, NWWA

Date: April 29, 2025

Re: Further Information and Update on PFAS Mitigation Project

Dear NWWA Water Customers – Durham Village.

As you may recall, by memorandum dated April 2, 2025, we provided an update on our prior efforts and plans to obtain PaDEP approval for a temporary and permanent solution to the PFAS levels recently detected in your public water system.

At that time, we also distributed a Customer Survey, requesting information about your preferences for several temporary solutions, including water coolers and weekly water delivery, *or* installation of a PFAS water filter under kitchen sinks, *or* installation of a whole house filter with residents being responsible for filter change out as needed.

According to the feedback we received, none of the options then being considered received unanimous applause, as all had limitations, varied costs and responsibilities, and the unknown of how well they were working without also initiating frequent sampling and laboratory testing, which is not only time-consuming but also very expensive. (*At 60 homes, even a single round of tests would cost about \$42,000.00 per month or about \$500,000.00 per annum.*) Many logistical concerns were also raised, including contractors entering private homes and homeowners being responsible for disposing of the contaminated filters or filtration media.

In a proactive effort, while waiting for the survey results, NWWA staff continued to communicate with representatives of the PaDEP. We believe that we have now found what appears to be a viable interim PFAS filtration solution, which will serve the water needs of the entire community from a single location and which appears to meet with favor at the DEP as it uses GAC filters, a known process now in use nationwide, and which has already received DEP approval elsewhere in our region.

Should we be able to obtain both PaDEP and township approval, we would publicly bid for a PFAS filtration system, with the filters fully contained within what resembles a 20-foot-long travel trailer, perhaps best described as being similar to those used by local landscapers.

Our revised plan would be to obtain the required approvals and permits to temporarily install the unit and then have it delivered to a location accessible to electrical service daily service. The idea is to connect the water pipes leading from both existing pump stations to the filtration trailer and then back to the water distribution system serving your neighborhood. The trailer would also need a driveway access and electrical service, but little more.

Reply To: ☒ Main Office: 200 W. Walnut Street, P.O. Box 1339, North Wales, PA 19454 • Phone: 215-699-4836 • wizard@nwwater.com

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Once installed, the trailer will be cleaned (and painted as needed), enclosed with residential-style wooden fencing, and surrounded by suitable landscaping, including buffer trees and shrubs.

All costs for renting/leasing/purchasing and operating the temporary filtration trailer will be covered by the NWWA, including the water sampling and testing according to the schedule required by the PaDEP.

All test results will be made available on our website page for your community, and we will notify the HOA each time we update test results. A copy will also be mailed to the township.

Of importance is the fact that we do not anticipate any additional costs associated with the trailer and additional filtration to be passed on to the Durham Village customer by special assessment or similar means. It is estimated that the temporary system will be in place for about four years.

Once the plan for the temporary trailer and filtration is approved and contracts let, the NWWA will refocus its primary efforts on preparing specifications and both architectural and construction drawings for the ultimate construction of a permanent PFAS filtration system, within a fully enclosed building somewhere close to the temporary building.

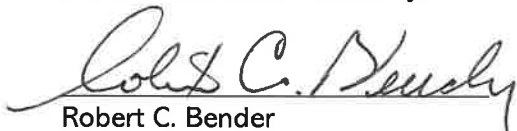
While the revised filtration plan as described above may cause a slight delay in our plans, at this time, it is the only available solution that relieves the homeowners from physical and economic burdens and provides for ALL WATER supplied by the NWWA to receive PFAS filtration, *before* entering your water system.

Hopefully, this will provide you with a satisfactory update; however, if you have any questions remaining, please get in touch with Vanessa Heindel at Vheindel@nwwater.com, Joseph Murphy at Jmurphy@nwwater.com, or Laura Henderson at Lhenderson@nwwater.com.

This is a quickly and continually evolving situation, and this will likely not be our final update. As we obtain additional information, we will inform you and will post all new information in your community folder on our website at www.nwwater.com.

Thank you,

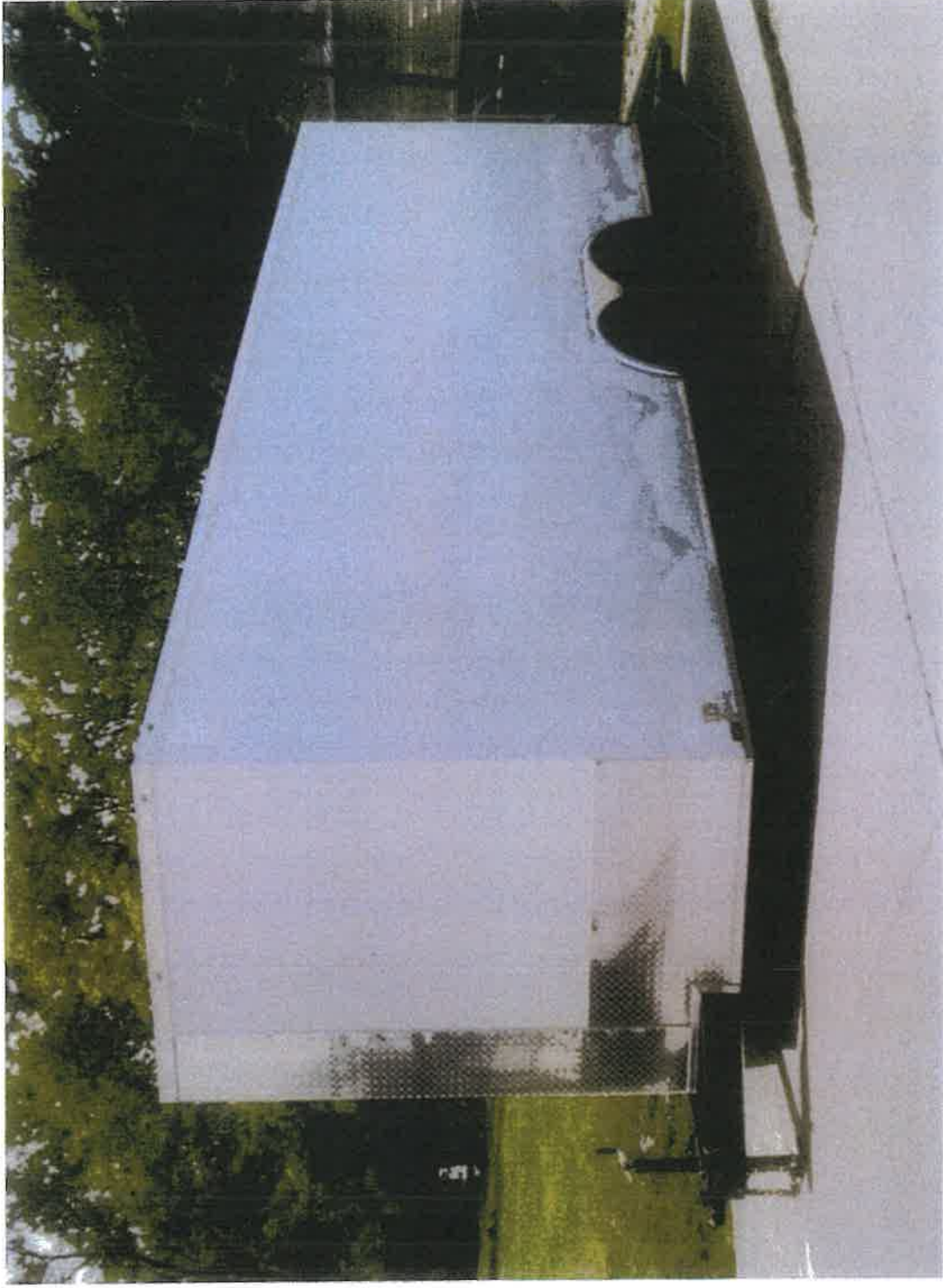
North Wales Water Authority,



Robert C. Bender
Executive Director

*C.: NWWA Board of Directors
Buckingham Township Manager
Joseph Murphy
Vanessa Heindel
Lara Henderson*

Proposed Enclosed Option



Our proposed trailer will look similar to this, and will house a bag filter followed by 3 GAC vessels to maximize media usage and hit the required DEP empty bed contact time (EBCT).