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DEPARTMENT OF PUBLIC WORKS

Justin Westlake
Director
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Administrative Superintendent
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DPW Engineer
Scott McGrady
DPW Superintendent
Derek VanDam
DPW Superintendent

DATE: January 28, 2026
TO: Honorable Charter Township of Waterford Board of Trustees
FROM: Justin Westlake, DPW Director 
RE: Well 5-1 Replacement (David K Water Treatment Facility)– Peerless Midwest

Well 5-1, located on David K, has reached the end of its useful life and no longer produces sufficient water to justify additional investment in rehabilitation efforts. Following the most recent well cleaning completed in 2025, production levels showed little to no meaningful improvement. Based on these results, continued maintenance or rehabilitation of this well is not a cost-effective or sustainable option.

The permitting process through the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is both time-consuming and onerous. For that reason, it is my recommendation, along with that of Peerless Midwest, that this project be initiated sooner rather than later to avoid future operational or regulatory challenges.

While the David K Water Treatment Facility can continue to operate using Well 5-3, replacing Well 5-1 would restore critical redundancy at this site. This facility is the only water treatment plant located in the northwest end of the Township and is a vital asset for maintaining system reliability, particularly for filling the Maceday water storage tank. Investing in this redundancy will strengthen the Township's overall water system resiliency and reduce risk associated with reliance on a single well at this location.

I respectfully request the Board's permission to proceed with this project utilizing Peerless Midwest, a Waterford Township single-source vendor with demonstrated experience and familiarity with our system. Additionally, I request approval of a budget adjustment from the 590 Water and Sewer Enterprise Fund to account number 59045-97010 to support this work. This was discussed with Waterford's Budget Department, and they agreed this expense is worthy of dipping into fund balance. I'd like the Board to know we like to keep a healthy fund balance for expenses such as this. By paying cash, we are able to thwart interest expenses that we may otherwise need to incur by having to borrow money for projects like this.

Once this work is completed it will be necessary to employ DLZ to design a method to connect our new well to the existing water treatment plant. This will also be a costly endeavor. I only mention this so the Board is aware that this project will likely be ongoing for the next couple of years, and I

With us there are no boundaries

will be back to discuss the next steps in the process with you, along with their related costs as this project moves forward.

Thank you for your consideration of this request. Please feel free to contact me if additional information or discussion is needed.

Requested Board Action:

- 1. Authorize a budget adjustment from the 590 fund to account number 59045-97010 in the amount of \$274,820.**
- 2. Authorize Peerless Midwest to complete the proposed work for Waterford Township not to exceed the amount of \$274,820.**



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January 22, 2026

Charter Township of Waterford
5240 Civic Center Drive
Waterford, MI 48329-3773

Attn: Mr. Justin Westlake
DPW Director

Re: Well 5-1A Replacement Project

Dear Justin:

Following up on our recent discussion on the viability of Well 5-1A and its need for replacement, we offer the following scope of work and estimate:

5-1A Well Replacement: This project would consist of first obtaining a Test Well Approval Letter from EGLE to authorize our construction of a 16" test well. Once obtained, we would perform a 7-7/8" diameter test boring to obtain representative soil samples with our certified hydrogeologist. These samples would be run through a sieve analysis for proper well design. Once designed, we would remobilize the drilling equipment to construct a 16" steel cased test well to an approximate depth of 175 feet. After construction, the well would be developed to maximum efficiency and tested to comply with EGLE requirements regarding quantity and quality. Once all the data is collected, the township's engineer would need to be brought in to discuss full-scale design of the installation, up to and including submitting the Act 399 permit. Please budget \$274,820 for this project.

We appreciate the opportunity to provide you with this estimate. Please let us know if there are any questions on the above information, or if we can be of any further assistance.

Regards,

PEERLESS-MIDWEST, INC.

Frank T. Williams

www.peerlessmidwest.com

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