

June 5, 2026
2260085

Mr. Cameron Van Wyngarden, Superintendent
Plainfield Charter Township
6161 Belmont Avenue NE
Belmont, MI 49306

RE: Engineering Services Summary
**Plainfield Charter Township Water System
West Well Field Optimization**

Dear Mr. Van Wyngarden:

In accordance with recent discussions, we are providing background information, a description of the scope of services included in this proposal, the anticipated schedule for construction, and an estimate of the engineering fees for the proposed **West Well Field Optimization**.

Background

An increase in production capacity for PW-12 and PW-16 in the West Well Field (WWF) and construction of a parallel raw water main were previously studied and submitted to the Michigan Department of Energy, Great Lakes, and the Environment (EGLE) Source Water Unit in May 2025. The Source Water Unit recently granted approval of the request for increased water withdrawal. The purpose of this effort is to supplement the Township's existing source water as the search continues for a new source of water.

Engineering Scope and Cost Estimate

The engineering scope of services includes the following:

- Confirm design parameters, including hydraulics entering the east half of the Water Treatment Plant.
- Conduct site investigation and topographic survey as necessary.
- Design of larger pumps for PW-12 and PW-16 and connection to existing discharge piping.
- Design of approximately 1,300 feet of 24-inch diameter raw water transmission main, including air release valve(s), tie-ins to existing yard piping, and direct bury valves.
- Permit applications, including Act 399 EGLE permit and soil erosion control permit.
- Separate bid documents for the well pump replacements and the raw water transmission main.
- Bidding assistance, including review and summary of bids for Township consideration.
- Construction observation, including part-time observation of the well pump replacements, and full-time observation of the raw water transmission main.
- Startup assistance, contract administration, and project close-out.

Mr. Cameron VanWyngarden

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Previous construction estimates were adjusted for inflation and are currently estimated at \$2,400,000 based on 2026 construction, including a 15-percent construction contingency. Updates to the estimated construction cost will be performed near the end of the design engineering process.

Progress Review Meetings

This proposal includes a kickoff meeting with the Plainfield Township team, design progress meetings (assume 2) to review status and confirm approach and direction, and monthly contractor progress meetings (assume 4).

Schedule

We will target completing the project design within about three (3) months of receiving approval to proceed. We understand the Township's goal is to finish design as soon as possible, receive contractor bids in Fall 2026, and perform construction in Winter-Spring 2027 prior to the peak demand season in 2027.

Estimate of Fees

The engineering services fees for this project are estimated to be \$172,000. The estimated total project cost is \$2,572,000.

Work will be completed in accordance with the terms of our Master Agreement for General Engineering Services.

Please contact me with any questions.

Sincerely,

Prein&Newhof


Kevin L. Gritters, P.E.


Mark R. Prein, P.E.

cc: Rick Solle, P.E., Director of Public Services (via email)
Adam Zawisza, Finance Director (via email)