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December 9, 2025

MEMORANDUM

TO: George Sidhu, P.E., General Manager

FROM: Mark Handzlik, P.E., Engineering Manager

SUBJECT: Recommendation to Award: Hydrogeological Services Contract Related to the Alger Well Replacement Project

Requested Action:

Authorize the general manager to execute a professional services contract with TerraPhase Engineering in the amount of \$137,420 for hydrogeological services related to drilling a replacement well for the Alger Water System.

Background:

The existing Alger source well, originally constructed in 1960, has a capacity of only 60 gpm. This is well below the 100-gpm instantaneous quantity (Qi) allocated by the current water right. The Alger Water System is currently approved for 219 connections, but the existing well can only support 130 ERUs. The project objective is to replace the existing well with a new, higher-capacity well that provides a sustainable water supply source and allows for an expansion of the water system to support projected growth within the Alger community.

The project was advertised in the local newspaper. Consulting firms requested and received a Request for Proposal [RFP] packet. Four firms submitted proposals, and each proposal was evaluated through a standard scoring process.

After reviewing each proposal, the PUD selection team chose Terraphase Engineering to perform hydrogeological services for the Alger Well Replacement. The attached scope of work has been negotiated with PUD staff. The project deliverables will be well driller bid documents and a Hydrogeological Report for the new Alger well.

Additional work will follow, including updating the Wellhead Protection Plan and designing and constructing the wellhouse and treatment system.

Fiscal Impact:

This project will be funded through the 2026 Capital Improvement Plan, Water System Plan #MX24-2, Alger Well and Treatment System Replacement project.

Total Project Budget	\$1,306,732.93
Expenses and Commitments to date	(\$ 6,732.93)
Available Budget	\$1,300,000.00
Estimated Project Costs to Complete	(\$1,300,000.00)
Estimated Balance/(Deficit)	0.00
Revised Budget/Est. Total Project Cost	\$1,306,732.93

- Enclosures: 1. [Scope and Cost Estimate](#)  
2. [Alger Well Vicinity Map](#)

