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MEMORANDUM

Date: December 17, 2025

To: East Range Water Board

From: Brian Guldán, PE
Jacob Crispo, PE

Subject: Engineering Project Updates – ERWB Water Project

This technical memorandum provides a status update on recent construction progress concerning the Water Projects including an update on the expansion design.

Raw Water Building

ECI finished their work on the caisson and Magney has formed and poured the structural slab at the bottom of the caisson. They are setting up scaffolding and beginning work on forming and pouring the building floor slab and footings outside the caisson.

Water Treatment Plant

Plumbers and electricians continued rough-ins for conduit, HVAC ducts, and plumbing as the masonry walls were finished in the operations portion of the building. The facility walls are being painted and the stairs are being installed. The garage door was installed along with door frames throughout the facility. Magney has installed equipment inside the filter and installed the rapid mixer. Site grading was also completed.

Hoyt Lakes Expansion

Survey was completed for the booster station site, existing water treatment facility, and the transmission line. Bolton & Menk is working on a review of a 75% plan set for the water treatment plant expansion. The design team is currently focusing on developing a matrix of options to aid in selecting the best alternative for water storage for the City of Hoyt Lakes. Three options being evaluated are: 1) building a new elevated tower at the standpipe location, 2) rehabilitation of the standpipe, and 3) installing a new ground storage reservoir at the new booster station location. Based on existing elevations, the proposed location for new booster station is at the top of the hill next to the Laskin tower.