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MEMORANDUM

Date: July 16, 2025

To: East Range Water Board

From: Josh Stier, PE
Brian Guldán, PE
Jacob Crispo, PE

Subject: Engineering Project Updates – ERWB Water Project

This technical memorandum provides a status update on recent progress concerning the Water Projects including an update on the expansion design. Photos from drone flights in June are included for the raw water and water treatment plant construction projects.

Raw Water Building

ECI has remobilized and started dewatering the caisson to grout the tremie slab at the bottom and make the structure watertight. At that point, final elevations for the bottom of the caisson can be determined and they will begin boring of the pipe to the Embarrass Pit. The equipment for the boring is scheduled to arrive in the week of July 14th.

Submittals have continued to be submitted and reviewed for the remaining work on the caisson and building. The precast for the intake building is currently being stored offsite until Magney is ready for the installation.

Water Treatment Plant

Magney has been putting final touches on the filters and other process tanks. The walkways have been poured, and tie-holes are being filled. The process tanks are being filled with water for leak testing. If leaks are present, Magney is injecting a resin to plug the leaks. Once the tanks pass leak testing, the plate settlers will be installed in the sedimentation basins and troughs will be installed for the filters.

Once the large equipment is in place, precast panels are scheduled to be delivered and installed the week of July 28th. At that point, work on the interior of the building will start to move quickly. At this point there are no anticipated delays in equipment or material deliveries that will impact project schedule.

Hoyt Lakes Expansion

After Hoyt Lakes' approval of the ERWB expansion design, the Bolton & Menk team has started working on initial design for the water plant expansion. Our team is currently working to finalize the booster station location and the extended watermain route as well as details for the connection to the existing Hoyt Lakes system. Our tentative schedule is to finalize plans and specifications in December of 2025. Having the project submitted to the Department of Health for review in 2026 will put the city and ERWB in optimal positioning to receive funding for the project.

