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MEMORANDUM

Date: February 19, 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 Project. Each of the two remaining portions of the project are discussed separately below.

Raw Water Building

The Water Appropriation Permit was issued by the DNR on January 17, 2025. This permit is the final authorization needed for construction of the ERWB intake structure.

Magney Construction is working on an updated Summary of Values to reflect the cost savings associated with Field Order #3, the revised plans for the raw water intake project. We anticipate revised pricing later this spring. Bolton & Menk is working with Magney to ensure timely submittal review to keep the project schedule on track.

ECI has poured the second and third lifts of the caisson. Between the second and third lifts, ECI clammed out the material in the center of the caisson and successfully lowered the structure twenty-five feet. The bottom of the caisson now lies below the water line and is in a good position to meet the contractor's goal of being in place by the end of March. After two more lifts are poured and the structure is at its operating elevation, ECI will bore the pipe to the lake. The pipe work is expected to take place in late March or early April. The next lift is scheduled to be poured the week of February 17th.

Water Treatment Plant

Magney has been busy forming and pouring concrete for the footing and the foundation walls on the water treatment plant building. This work will support the precast wall panels that are expected to be delivered spring of 2025. In the coming weeks, Magney will continue pouring wall footings for internal building walls. Ulland will also be back on-site to excavate for pipe runs and fill with clean sand.

Some of the precast panels have been manufactured and are currently being stored off-site until delivery for installation. We are continuing to work with Magney to finalize the revised schedule of values that was received in December by ensuring all changes have been included. There are still a couple of outstanding costs from the original bid cost which are being evaluated and revised to fit the revised project needs.