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4960 Miller Trunk Highway
Suite 550
Duluth, MN 55811

Ph: (218) 729-5939
Bolton-Menk.com

MEMORANDUM

Date: April 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 Project. Each of the two remaining portions of the project are discussed separately below.

Raw Water Building

ECI has poured the tremie slab at the bottom of the caisson and the structure should be watertight at this point. The caisson is currently an open pit and ECI has installed fence and posted no trespassing signs on it. Next week ECI will complete the final pour for the caisson and will be demobilizing until the equipment for the boring operation becomes available. We anticipate that equipment will be available for work to resume in late May to complete the installation of the intake pipe out to the lake. At that point, the top slab can be poured so that Magney can begin work on the building structure and install pumps.

We've received approval of the revised plans for the intake from both MDH and DOLI.

Water Treatment Plant

Magney has been pouring concrete for the building surrounding the sedimentation tanks and filters. Footing walls have been completed along with the 24-foot walls that will be next to the stairwells. Access hatches for the clearwell and chlorine contact tank have been poured and are ready for the hatches to be installed. Magney has installed the underground piping from the sedimentation tanks and filters and encased them in concrete. Ulland has recently laid the groundwork and compacted the area that will be the base slab. This week Magney will be forming the base slab and pouring the concrete.

Project submittals have been submitted and reviewed in a timely manner and there are no anticipated delays in the project schedule due to lead times on equipment.