

# Water & Sewer Agenda Summary

Date: September 21, 2022

Key Staff Contact: Kelen Dowdy, Water Resource Planning Manager

**Title:** Integrated Water Resources Plan update: Baseline Results

**Summary:** The current Greeley Water Supply Master Plan is more than 17 years old. Since the creation of the last master plan in 2003, Greeley's strategies to continue to provide a robust, resilient water supply have evolved and the water market has transformed. Likewise, widely accepted strategies used to plan for water development have progressed. Consequently, the Water Resources team has been developing a new water master plan, through a process termed Integrated Water Resource Planning (IWRP). The IWRP process will evaluate Greeley's long-term water supply sustainability, develop a road map to buildout and identify near-term CIP components. As part of the process, the IWRP evaluate a suite of future conditions to plan for called "planning scenarios". These scenarios define key components of future conditions such as the state of Greeley's water supply system, demands, climates and other system risks. In order to evaluate the timing of Terry Ranch and compare future conditions, a baseline analysis must be conducted. This presentation will outline the baseline evaluation process and define baseline conditions. Furthermore, the presentation will discuss planning level of service which establishes unacceptable future conditions that will catalyze the development of new projects. Importantly, this presentation will outline the integrated and adaptive approach that will monitor system conditions to trigger CIP projects.

**Recommended Action:** Information only

**Attachments:**