



Council Agenda Summary

February 7, 2023

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Public hearing and second reading of an Ordinance Amending Section 20-62 and Adopting Section 20-64 for the Water & Sewer Department Updated Utility Design Criteria & Construction Specifications

Summary:

Current Water & Sewer utility design criteria, standards and construction specification date back to 2008. The updates incorporate new techniques, materials, updated best practices, and revisions required by Colorado subsurface utility law. Updating the design standards helps to ensure quality utility infrastructure is installed appropriately to serve the community for generation.

The update incorporates the findings and analysis from recent Water & Sewer Department infrastructure master plans covering Non-Potable Water, Sanitary Sewer, and Potable Water Transmission & Distribution. These updates align with the City's development code updates in 2021 and the 2022 Water Efficiency Plan. These updates support maintaining a high level of service reliability for water and sewer customers.

The updated design criteria for the potable water distribution, sanitary sewer collection, non-potable irrigation system, and landscape & irrigation will guide developers and engineers in connecting to the City's utilities. The changes include added guidance and criteria for sewer lift station design, non-potable system design criteria, and updated criteria incorporating recent development code changes. Also included are provisions for compliance with changes to Subsurface Utility Engineering (SUE) law. Lastly, to ensure long lasting community vitality, the criteria have a sixth section that provides guidance on commercial landscape & irrigation design.

The Water and Sewer Department coordinated internal review with other city departments and incorporated feedback through stakeholder and peer review processes. City Planning and Engineering Development Review staff played a vital role in review and refinement of the updated documents, providing feedback for consistency with other planning documents and city code. Stakeholder workshops with the builders, realtors, developers, landscape and irrigation stakeholders were held from July 2021 through December 2022 to collect feedback and apply the insights and wisdom of the stakeholder community. The Water & Sewer Department tracked comments and questions from private sector engineers, developers, landscape professionals and irrigation stakeholders.

The process has produced a set of design criteria, standards, and specifications that meet all regulatory and legal requirements. The updated document provides the building and development community with authorization to utilize updated techniques and best available materials, many of which are a cost savings. The Document provides clear guidance that conforms with Greeley master plans, current code, and updates to subsurface utility laws.

The Water and Sewer Board, and the Planning Commission have each had extensive reviews and their feedback have been incorporated into the update. The Water & Sewer Board and the Planning Commission have both formally approved the updated Design Criteria, Standards and Specifications.

Fiscal Impact:

Does this item create a fiscal impact on the City of Greeley?	No
Is there grant funding for this item?	N/A

Legal Issues:

Consideration of this matter is a legislative process. The City Attorney’s Office drafted the proposed ordinance to adopt, by reference, the enclosed Water & Sewer Department Updated Design Criteria and Construction Specifications.

Other Issues and Considerations:

The matter has been heard by the Greeley Water & Sewer Board and the Planning Commission. The Board and Commission heard the item for informational purposes first, provided staff with feedback and the subsequently both bodies formally approved and recommended the update to Council for adoption.

Strategic Focus Area:



Community Vitality



Infrastructure and Mobility

Decision Options:

- 1) Adopt the ordinance as presented; or
- 2) Amend the ordinance and adopt as amended; or
- 3) Deny the ordinance; or
- 4) Continue consideration of the ordinance to a date certain.

Council's Recommended Action:

A motion to adopt the ordinance and publish with reference to title only.

Attachments:

Ordinance Adopting Water & Sewer Design Criteria & Specifications

Water & Sewer Design Criteria & Construction Specifications

Informational Presentation