

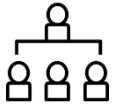
Water and Sewer Board

Regular Meeting

City Council Chambers – City Center South

1001 11th Avenue – Greeley, Colorado

May 21, 2025 at 2:00 p.m.



Regular meetings of the Water and Sewer Board are held **in person** on the 3rd Wednesday of each month in the City Council Chambers, 1001 11th Avenue, Greeley, Colorado.



Members of the public may attend and provide comment during public hearings.



Written comments may be submitted by US mail or dropped off at the Water and Sewer office located at 1001 11th Avenue, 2nd Floor, Greeley, CO 80631 or emailed to wsadmin@greeleygov.com. All written



comments must be received by 10:00 a.m. on the date of the meeting.

Meeting agendas and minutes are available on the City's meeting portal at <https://greeleyco.portal.civicclerk.com>

IMPORTANT – PLEASE NOTE

This meeting is scheduled as an **in-person session only**. If COVID, weather, or other conditions beyond the control of the City dictate, the meeting will be conducted virtually and notice will be posted on the City's CivicClerk meeting portal by 10:00 a.m. on the date of the meeting (<https://greeleyco.portal.civicclerk.com/>).

In the event it becomes necessary for a meeting to be held virtually, use the link below to join the meeting via Zoom. <https://greeleygov.zoom.us/j/81782466253>

For more information about this meeting or to request reasonable accommodations, contact the administrative team at 970-350-9801 or by email at wsadmin@greeleygov.com





If, to effectively and fully participate in this meeting, you require an auxiliary aid or other assistance related to a disability, please contact the Water and Sewer Department administrative staff at 970-350-9801 or wsadmin@greeleygov.com

**City of Greeley
Water and Sewer Board
Minutes of April 14, 2025
Regular Board Meeting**

Chairman Harold Evans called the Water and Sewer Board meeting to order at 2:00 p.m. on Wednesday April 14, 2025.

1. Roll Call

The Clerk called the roll and those present included:

Board Members:

Chairman Harold Evans, Vice Chairman Mick Todd, Fred Otis, Tony Miller, Joseph Murphy, Cheri Witt-Brown, Matt Anderson, Mayor John Gates, Director of Finance Tyra Litzau, Deputy City Manager Rachel Flynn on behalf of City Manager Raymond Lee

Water and Sewer Department Staff:

Director Sean Chambers, Deputy Director of Utility Finance and Customer Service Erik Dial, Chief Engineer Adam Prior, Deputy Director of Water and Wastewater Operations and Maintenance Rebecca Andrus, Deputy Director of Water Resources Leah Hubbard, Office Manager Gigi Allen, Utility Finance Manager Virgil Pierce, Water Resource Administrator I Eric Clark, Plans Examiner Derek Hannon, Administrative Assistant IV Tracy Simon, Administrative Assistant III Lisa Van Vorous, Water Enterprise Financial Analyst Crystal Sanchez, Water Conservation Manager Dena Egenhoff, Project Manager III Kelen Dowdy, Wastewater Treatment Superintendent Tyler Eldridge, Water Resource Planning Manager Matt Sparacino, Water Resource Administrator II Morgan Effrein, Water Resource Administrator III Will Ettema, Water Resource Operations Manager Brian Von Seggern,

Legal Counsel:

Deputy City Attorney Jerrae Swanson, Senior Environmental and Water Resources Attorney Dan Biwer, Counsel to Water & Sewer Board Attorney Carolyn Burr

Guests:

James Sutherland from Wingfoot Water Resources, Dr. Michael Welsh from the University of Northern Colorado, Tyler Ammerman of Gannett Fleming, Helen Seitz, IT PC Technician,

2. Approval of Minutes

Mr. Miller made a motion, seconded by Mr. Otis to approve the March 2025 Water and Sewer Board meeting minutes. The motion carried 7-0.

3. Approval of Agenda

There were no changes to the agenda.

4. Welcome New Employees and Promotions

Director Sean Chambers provided an introduction of new Water and Sewer Department employees starting this month.

5. Approval of Intergovernmental Agreement for Wastewater Treatment Services – Greeley and Evans (35th Avenue)

Tyler Eldridge discussed that several addresses along 35th Avenue, just north of the border between Greeley and Evans, are connected to Evans' sanitary sewer collections system. Evans has been serving four addresses on the west side of 35th Avenue (3101, 3105, 3109, and 3115 35th Avenue) for an undetermined amount of time. Correspondence with Evans indicates the collection system was likely installed in the early 2000's. Four properties on the east side of 35th Avenue currently run on septic, some of which remain in unincorporated Weld County (3190, 3200, 3218 (Greeley), and 3234).

The region's 208 Areawide Water Quality Management Plan indicates that "no overlaps in service area boundaries are allowed unless there is, in existence, an intergovernmental agreement (IGA) between the involved service providers as to how service will be provided to the overlapping areas." The alternative option was to amend the Wastewater Utility Service Area (WUSA or 208) boundaries. Both sides agreed that an IGA would suffice, and Evans supplied Greeley with a draft IGA to meet this requirement. Greeley provided a review and updated draft IGA that both Greeley and Evans have reviewed and discussed. Also of interest were the four properties to the east of 35th Avenue. Should their septic systems fail, this agreement ensures they have a route to connect to Evans via the same line that is servicing the properties West of 35th Avenue, unless those properties have been tied into Greeley's system already.

Vice Chairman Todd moved that the Board approve the Intergovernmental Agreement for Wastewater Treatment Services (35th Avenue) to meet regional 208 Areawide Water Quality Management Plan Requirements. Mr. Otis seconded the motion. The motion carried 7-0.

6. 2026 Preliminary Budget Discussion

Tyler Eldridge left the meeting at 2:28 pm.

Virgil Pierce provided the Water and Sewer Board an overview of the 2026 Budget preparation process and the department's priorities. In addition, the Water and Sewer Department's 2026 Budget and 2026-2035 Capital Improvement Plan was reviewed.

The Board members shared their thoughts about the projected Budget increases and suggested additional review be done to cut more costs to reduce the projected rate increases.

Staff will follow up with the Board to give clarity to the following items:

- Confirmation of median household income
- A better understanding if the new internal construction crew has provided a cost benefit to the City

7. Bi-Annual Water and Sewer CIP Report

Adam Prior provided an update on some CIP projects that are in progress or completed since the last Bi-Annual CIP Report. The CIP projects discussed included:

- Distribution & Transmission Replacement Projects
- Terry Ranch Water pipeline construction project
- Non-potable expansion project
- Poudre Ponds Projects
- Advanced Meter Infrastructure
- Lead service line inventory and replacement project
- North Greeley Sewer IIA
- 47th Ave Highlands Hill sewer capacity improvements project
- WTRF General Rehabilitation Projects
- WTRF Treatment Phase II
- Others

8. Water Supply Update and Declaration of an Adequate Water Year

Brian Von Seggern reported based on projected storage that staff recommends that the Board declare an “Adequate Water Year,” with normal watering restrictions and authorize staff to rent out available excess water supply, so long as the target storage volume of 21,300 acre-feet is maintained.

Vice Chairman Todd moved to approve the staff recommendation of an adequate water year and that supplies are made available for rentals while assuring target storage does not fall below 21,300 acre-feet. Mr. Murphy seconded the motion. The motion carried 7-0.

9. Integrated Water Resource Plan (IWRP) Annual Board Report

Matt Sparacino discussed that to continue the benefits of the Integrated Water Resources Plan (IWRP) beyond the completed plan, an adaptive planning process has been adopted by the department. This process includes annually assessing core adaptive planning questions which will help to identify any signposts or triggers for necessary planning action.

Deputy City Manager Allena Portis joined the meeting at 3:51 pm.
Assistant City Manager Blair Snow joined the meeting at 3:54 pm.

10. Legal Report

This report was provided by Carolyn Burr, outside counsel for the Greeley Water & Sewer Board.

Based on review of the February 2025 Water Division 1 Resume, Ms. Burr reported that staff and water counsel recommended the Water and Sewer Board authorize filing a statement of opposition by the end of April 2025 to the following water court application:

Case No. 25CW3020: This case concerns an application by Martin Marietta Materials, Inc. for reasonable diligence for existing conditional storage rights for Taft Hill Reservoir (1,080 acre feet) and North Shore Reservoir (1,160 acre feet). Applicant is seeking to make 204 acre feet of the North Shore Reservoir right absolute. These reservoirs can be filled by diversions through the Taylor and Gill Ditch, in which Greeley holds substantial ownership interests. The reservoirs are also in close proximity to Greeley's Overland Trail Ponds complex. Counsel recommend that Greeley file a statement of opposition in this case to be fully informed of the current status of this applicant's reservoirs and to protect Greeley's water rights and interests in the related ditch system from injury.

Vice Chairman Todd moved that the Board authorize filing a statement of opposition in Case No. 25CW3020 and for staff and legal counsel to seek resolution of issues raised by this case consistent with Water and Sewer Board Resolution No. 3, 2015. Mr. Murphy seconded the motion. The motion carried 6-0. Mr. Otis briefly stepped out of the meeting and was not present to vote.

Ms. Burr also provided a brief summary of the following matter:

Case No. 20CW3208 Application of Montava Partners, LLC– The applicant, Montava, is a developer proposing to develop 1,000 acres of land just west of the Anheuser Busch brewery north of Ft. Collins. They filed an application that included appropriation of tributary ground water rights, and junior surface diversions and storage rights, including the Seaworth Augmentation Pond No. 2, filled via the Taylor and Gill Ditch. They also are seeking to change 3 WSSC (Water Supply and Storage Company) shares for use in their system, including for augmentation purposes. Greeley is an opposer in the case to protect its water rights interest and as an owner of WSSC shares. The trial in the case was vacated following a pre-trial ruling that required the applicant to amend its application.

The following staff and guests left the meeting at 4:05 pm:

Leah Hubbard, Gigi Allen, Lisa Van Voros, Tracy Simon, Dane Egenhoff, Kelen Dowdy, Crystal Sanchez, Matt Sparacino, Morgan Effrein, Will Ettema, Brian Von Seggern, Eric Clark, James Sutherland, Dr. Michael Welsh, Helen Seitz

11. Executive Session

a. Water and Sewer Infrastructure and Bond Reimbursement

Chairman Evans moved that the Board hold an executive session to address the following matters as provided by C.R.S. § 24-6-402(4)(b) and (e) and Greeley Municipal Code § 2-151(a)(2) and (5):”

1. For the purposes of obtaining legal advice and determining positions relative to matters that may be subject to negotiations, developing strategy for negotiations, and instructing negotiators on matters related to the financing of infrastructure for the proposed West Greeley project.

Vice Chairman Todd seconded the motion. The motion passed.

Roll call was taken and those present were:

Chairman Evans, Vice Chairman Todd, Ms. Witt-Brown, Mr. Otis, Mr. Murphy, Mr. Miller, Mr. Anderson, Mayor Gates, Ms. Flynn on behalf of Mr. Lee, Ms. Litzau

Others present during the Executive Session:

Director of Water and Sewer, Sean Chambers, Deputy Director, Utility Finance and Customer Service, Erik Dial, Deputy Director, Water and Wastewater Operations, Rebecca Andrus, Water and Sewer Chief Engineer, Adam Prior, Utility Finance Manager, Virgil Pierce, Plans Examiner, Derek Hannon, Deputy City Manager Allena Portis, Assistant City Manager Blair Snow

Legal Counsel Present during Executive Session:

Water and Sewer Board Counsel, Carolyn Burr, Environmental and Water Resources Attorney, Jerrae Swanson, Environmental and Water Resources Attorney, Dan Biwer

Jerrae Swansen left the meeting at 4:20 pm.

Gigi Allen, Lisa Van Voros and Tracy Simon returned to the meeting after the Executive Session at 5:13 pm.

12. Approval of 2025 Water Bond Resolution

Virgil Pierce presented a resolution for the Water and Sewer Board to authorize and approve the issuance of water revenue bonds, Series 2025, in an aggregate principal amount not to exceed \$98,500,000, bearing interest at the rates and maturing on the dates in the amounts to be set forth in the final terms certificate, and on the terms and conditions provided in the bond ordinance. Terms of payment not to exceed 30 years and an interest rate not to exceed 5.0% in aggregate.

Contained within the water capital program are a number of projects extending or rehabilitating the city's potable water transmission and distribution system, replacing non-potable water infrastructure, and purchasing additional water supplies through the acquisition program.

These projects will be partially funded through bond revenues. The resolution states that the Water and Sewer Board authorizes and approves the issuance of the Series 2025 Water Revenue Bonds, recognizing that the issuance of these bonds will impact the Water Fund's debt service payments and the rates required to support those payments.

Mr. Miller moved that the Board approve a Resolution authorizing the issuance of Water Revenue Bonds and recommend the same to City Council. The motion was not seconded.

The motion failed due to the lack of a second.

Chairman Evans asked if there was another motion.

Mr. Murphy moved that the item be tabled until the next Water and Sewer Board meeting. Vice Chairman Todd seconded the motion. The motion carried 7-0.

13. Approval of 2025 Sewer Bond Resolution

Virgil Pierce presented a resolution for the Water and Sewer Board to authorize and approve the issuance of sewer revenue bonds, Series 2025, in an aggregate principal amount not to exceed \$90,500,000, bearing interest at the rates and maturing on the dates and amounts to be set forth in the final terms certificate, and on the terms and conditions provided in the bond ordinance. Terms of payment not to exceed 30 years and an interest rate not to exceed 5.0% in aggregate.

Contained within the sewer capital program are a number of projects extending or rehabilitating the city's sanitary sewer and upgrading or replacing assets at the Wastewater Treatment and Reclamation Facility that have reached the end of their useful life.

These projects will be partially funded through bond revenues. The resolution states that the Water and Sewer Board authorizes and approves the issuance of the Series 2025 Sewer Revenue Bonds, recognizing that the issuance of these bonds will impact the Sewer Fund's debt service payments and the rates required to support those payments.

Mr. Otis moved that the item be tabled until the next Water and Sewer Board meeting. Mr. Murphy seconded the motion. The motion carried 7-0.

14. Director's Report

The Director will provide the Water & Sewer Board with a summary of water resource policy events, and an update on notable water utility activities. Update Items include the following:

1. Water Industry Education and Advocacy Events
National Water Resource Association on Capital Hill

Mon. April 28 – 30, 2025

www.nwra.org

CSU Water Conservation & Sustainability Lecture

Thursday, May 1st 12:30pm – 1:45pm – CSU Natural Resources building or virtual

www.watercenter.coloradostate.edu

Water Resources Association and Colorado Groundwater Association Symposium

Friday, May 2nd at Mt. Vernon Country Club, Golden

www.cgwa.co/2025-symposium

South Platte Basin Roundtable

Tuesday, May 13th at 4:00 PM at Southwest Weld County Bldg.

Presentations and recommendation of awards for ~ \$210K of WSRF grants

<https://southplattebasin.com/>

Interbasin Compact Committee Meeting (CWCB)

June 25th in Grand Junction

Colorado Water Congress Summer Conference

Aug. 19-21st – Steamboat Springs

Colorado Water Trust River Bank 2025

September 30, 2025 @ 5:30pm at Denver Botanic Gardens

www.coloradowatertrust.org

2. Neff Lake Non-Potable Pipeline Diligence and Closing Update.
3. Update on Greeley’s opposition to Northern Water’s NISP proposed use of Greeley’s Bellvue CO utility property for NISP infrastructure.
4. Report on Dept. of Homeland Security/FEMA Building Resiliency Infrastructure and Communities (BRIC) grant funding for Gold Hill water pipeline.

15. Such Other Business That May Be Brought Before the Board and Added to This Agenda by Motion of the Board

16. Adjournment

The meeting ended at 5:27 p.m.

Harold Evans, Chairman

Raymond Lee, Board Secretary



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Welcome New Employees and Promotions

Summary:

Promotions/transfers:

None this month

New Hires:

Jessie Raybon – Environmental and Water Resources Attorney I

Haileab Misgna – Boyd Lake WTP – Seasonal

Jake Tennison – Boyd Lake WTP - Seasonal

Hailey Michal – Maintenance Mechanic I – T&D

Edgar Perez – Meter Services Technician

Connie Defee – Engineering Technician II

Recommended Action:

None

Recommended Motion:

None

Attachments:

1. New Hires and Promotions

Promotions and New Employees

Internal Promotions:

None this month

New Hires:

Jessie Raybon – Environmental and Water Resources Attorney I

Haileab Misgna – Boyd Lake WTP – Seasonal

Jake Tennison – Boyd Lake WTP - Seasonal

Hailey Michal – Maintenance Mechanic I – T&D

Edgar Perez – Meter Services Technician

Connie Defee – Engineering Technician II



Welcome
New
Employees

March 19 , 2025



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

West Greeley Catalyst Project Update

Summary:

The Director of Water & Sewer and key department staff will provide the Board with an overview of recent activities related to the planning for the city owned Catalyst Entertainment District at Cascadia. The update will include information on the elements of the proposed city owned project, and how it fits with the overall city economic development goals. Staff will review the framework of agreements proposed for all elements of the project, including the Pre-Development Services Agreement between the City and the Master/fee Developer Trollco/Water Valley, which was approved by the Greeley City Council on Tuesday April 15, 2025. Staff will also discuss the plan for the establishment of a General Improvement District (GID) to better facilitate municipal services in this new western growth area, and the strategies for funding the entertainment assets and related infrastructure.

The information is being presented as an update and to support the preliminary budget discussions and the connection to water and sewer enterprise revenue modeling, debt service modeling, and water and sewer utility rate making.

Recommended Action:

None

Recommended Motion:

None

Attachments:

1. West Greeley Catalyst Proj. W&S Update 5.21



West Greeley - Catalyst Entertainment Project Update

Water & Sewer Board
May 21, 2025



Agenda

- City Economic Development Goals
- Project Vision and Site Plan
- Infrastructure, Utilities and Phasing
- Project Phases and Funding Outline
- Water Utilities Infrastructure Overview
- Framework Legal Agreements Defined

Defining Greeley's Economic Development Goals



Economic Growth & Opportunity



Improved Connectivity



Enhanced Quality of Life



Strategic Growth & Revenue Capture



Reduced Spending Leakage



Business Retention & Recruitment



Increased Property Values & Opportunities



Long-Term Community Benefits



Reinvestment into the Community

City Vision for West Greeley Catalyst Project

- **City of Greeley** has teamed with **Water Valley Company** as the Master/fee Developer and Owners of the Colorado Eagles on a **300-acre, transit-oriented entertainment district** that promises to set Greeley apart in Northern Colorado and catalyze economic growth.
- At the core of the project: a **state-of-the-art ~8,000 seat arena and ice center**, the future home of the American Hockey League's Colorado Eagles.
- The project will deliver a **vibrant and modern mixed-use community** with a top-tier indoor water park and hotel, local shops and dining options, recreation, and much-needed housing—all connected by a modern transit hub.
- This development aims to be **the ultimate destination for fun, athletics and community**, fostering pride and offering something for everyone in Greeley and beyond.



West Greeley Catalyst Entertainment Project Site Plan Elements

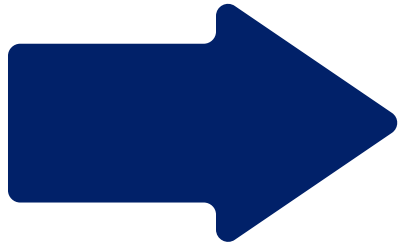


1. Arena & Youth Hockey Center
2. Plaza
3. Resort & Spa
4. Waterpark
5. Conference Center
6. Cascadia Falls
7. Intermodal Hub & Parking
8. 131st Ave. Overpass & Center Loading Bus Station
9. HWY 34 & CR 17

Catalyst Entertainment Elements Nos. 1 – 6 have a total raw water requirement of approximately 235 AF/yr.

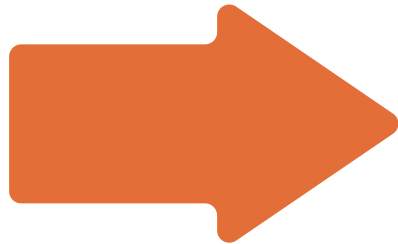
- The proposed water use is less than the amount of water saved when the Boomerang North course was reconfigured and the non-potable & aesthetic ponds were lined.
- The Catalyst project is designed to synergize new housings starts, multi-family and significant commercial growth.

Phases of Development & Financing



PREDEVELOPMENT: June 2025

Certificate of Participation, 18 to 24 month term

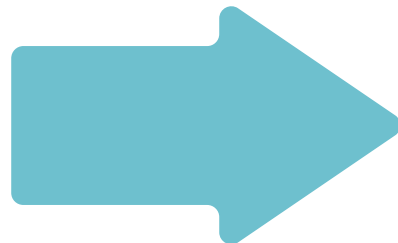


CONSTRUCTION: 2026 to Fall 2028

Entertainment District - 501(c)3 Debt

Infrastructure – GID Debt

Water & Wastewater – Enterprise Debt



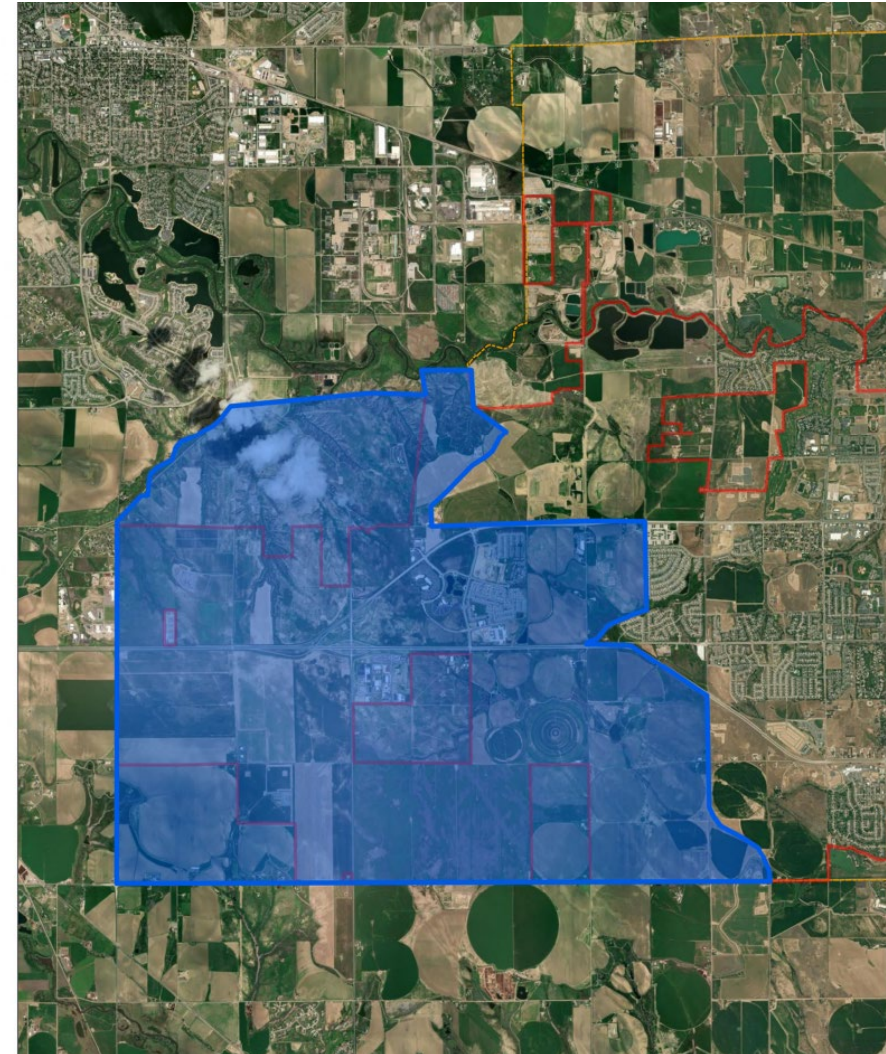
OPERATIONS 2028 - Ongoing

Economic Development Payment

Moral Obligation

Proposed Funding Approach

- **Pre-development Funding:**
 - Certificate of Participation (approved 4/15)
 - Up to \$115 million in stages for design, and long lead-time materials & equipment
- **General Improvement District:**
 - Likely Issued in two separate issuances
 - 2026 = ~ \$72M
 - 2027 = ~ \$57M
- **Bond Financing (501c3) ~ \$832 million**



West Greeley GID Concept Map, boundaries are TBD by the GID petition and formation process

Water System Development and Enhancements Required to Serve the West Greeley Growth Area and City of Greeley Catalyst Entertainment Project

Supporting Improvements - Water Improvements

NOTES:

- Transmission lines to be relocated along 4th Street to avoid conflict with hotel and water park.
- New water main to be installed along WCR17 in conjunction with new Interchange.
- New water main to be installed around Cascadia and will connect to existing pump house.
- Future water main will connect WCR17 to Cascadia mains to provide a loop.



Non-potable Irrigation System Development and Enhancements Required to Serve the West Greeley Growth Area and City of Greeley Catalyst Entertainment Project

Supporting Improvements - Non-Potable Irrigation Improvements

NOTES:

- New Non-Potable mains to be installed around Cascadia.
- Non-Potable mains will utilize Potable water for Phase 1a.
- Future connection to Big Cut off of GLIC.
- Future connection to Delantero Non-Potable system shown just south of hotel.



Wastewater Collection System Development and Enhancements Required to Serve the West Greeley Growth Area and City of Greeley Catalyst Entertainment Project

Supporting Improvements - Wastewater Collection Improvements

NOTES:

- New wastewater collection mains installed on both sides of Cascadia flowing to the north back to Greeley.
- New wastewater collection mains installed on WCR17 in conjunction with new Interchange.
- Future connection to north along WCR17.
- Future connection to Delantero along 4th and 131st following existing arroyos.



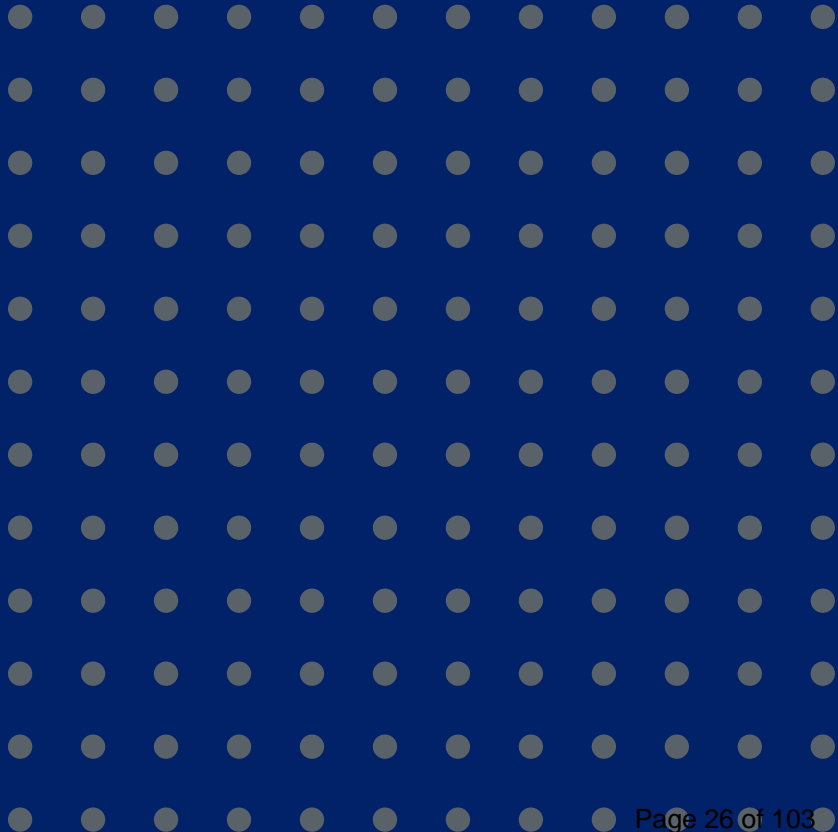
Legal Documents and Required Actions

- **Pre-Development Services Agreement (PDSA)** - The purpose of the Pre-Development Services Agreement (“PDSA”) is to memorialize terms and agreements between the City and the City’s chosen fee developer Trollco, Inc, d/b/a The Water Valley Company (“TWVC”) prior to the execution of design and construction contracts and development agreements.
 - The Council’s Approval of the PDSA by Resolution occurred on April 15, 2025.
- **Certificates of Participation-** Certificates of Participation (COPs) are a form of lease-purchase financing that will be used by the City to obtain funding for the Entertainment District project. The COPs are expected to be executed and delivered in the amount of ~ \$115 million.
 - The Ordinance was introduced to Council on April 15, 2025, and approved on May 6, 2025.
- **Purchase and Sale Agreement-** The City will enter into an Agreement with TWVC to purchase the real property for the Entertainment District. The terms of the purchase will be provided in the PDSA.
- **Colorado Eagles Lease** – A long-term lease with the Colorado Eagles is essential to the financial viability of the Entertainment District project. Staff anticipate bringing this lease to City Council in May or June 2025.

Legal Documents and Required Actions (cont.)

- **Coordination Agreement** – The Coordination Agreement will establish clear roles, responsibilities, and processes between the City and TWVC regarding development processes and procedures. Community Development Staff, City Attorney's Office and others including the Water & Sewer Dept. are working on the draft agreement.
 - This Agreement is anticipated to be presented to City Council in June 2025.
- **Formation of the West Greeley General Improvement District (GID)** - A petition to form the GID will be submitted to the City Council by TWVC. The GID must be formed by City Council via ordinance following a public hearing.
 - The GID petition will be submitted by TWVC following the PDSA and COPs.
- **Business Incentive Agreement.** The business incentive agreement will outline the terms and conditions under which TWVC will receive incentives to encourage development. The business incentive agreement is expected to be presented to City Council following execution of the PDSA.
- **Moral Obligation Replenishment Pledge.** A moral obligation replenishment pledge is made by City Council to consider making debt payments in the future if needed. The moral obligation replenishment pledge will be requested prior to issuance of the 501(c)(3) bonds in 2026.

Thank you





Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Virgil Pierce, Utility Finance Manager

Title:

Resolution of Approval and Support for 2025 Water Enterprise Revenue Bond Issuance

Summary:

Enclosed is a resolution for the Water and Sewer Board to authorize and approve the issuance of water revenue bonds, Series 2025, in an aggregate principal amount of \$39,500,000, bearing interest at the rates and maturing on the dates in the amounts to be set forth in the final terms certificate, and on the terms and conditions provided in the bond ordinance. Terms of payment not to exceed 30 years and an interest rate not to exceed 5.0% in aggregate.

Contained within the water capital program are a number of projects extending or rehabilitating the city's potable water transmission and distribution system, replacing non-potable water infrastructure, and purchasing additional water supplies through the acquisition program.

These projects will be partially funded through bond revenues. The resolution states that the Water and Sewer Board authorizes and approves the issuance of the Series 2025 Water Revenue Bonds, recognizing that the issuance of these bonds will impact the Water Fund's debt service payments, and the rates required to support those payments.

Recommended Action:

Approve the 2025 Water Bond Resolution.

Recommended Motion:

"I move that the Board approve a Resolution authorizing the issuance of Water Revenue Bonds and recommend the same to City Council."

Attachments:

1. 2025 Water Bond Resolution
2. Greeley 2025 Water Revenue Bonds - Water and Sewer Board Resolution



2025 Water Bond Resolutions

Virgil Pierce, Utility Finance Manager
May 21, 2025



2025 Water Bond

- Water bond for \$39.5 million.
- Projects to be funded:
 - Future Water Acquisition: \$18 million
 - State Land Board Well Drilling and Change Case: \$4.5 million
 - Distribution Pipeline Replacements: \$9 million
 - Milton Seaman Outlet Works: \$6 million
 - Transmission Line Replacements: \$1 million

Recommended Action: Approve the 2025 Water Bond Resolution



Questions?

**CITY OF GREELEY, COLORADO
WATER AND SEWER BOARD**

RESOLUTION __, 2025

A RESOLUTION OF THE GREELEY WATER AND SEWER BOARD AUTHORIZING AND APPROVING THE ISSUANCE OF WATER REVENUE BONDS, SERIES 2025 IN AN AGGREGATE PRINCIPAL AMOUNT NOT TO EXCEED \$39,500,000, BEARING INTEREST AT THE RATES AND MATURING ON THE DATES AND IN THE AMOUNTS TO BE SET FORTH IN THE FINAL TERMS CERTIFICATE, AND ON THE TERMS AND CONDITIONS PROVIDED IN THE BOND ORDINANCE

BE IT RESOLVED BY THE WATER AND SEWER BOARD OF THE CITY OF GREELEY, COLORADO:

Section 1. Findings. The Water and Sewer Board (the “Board”) of the City of Greeley, Weld County, Colorado (the “City”), hereby finds and determines that:

(a) Pursuant to Section 5-18(d) of the Charter of the City (the “Charter”), a proposed Ordinance (the “Ordinance”) is scheduled for introduction at the City Council (the “Council”) of the City’s regular meeting on June 3, 2025, approving the City of Greeley, Colorado, Water Revenue Bonds, Series 2025 (the “Series 2025 Bonds”), to be issued in an aggregate principal amount not to exceed \$39,500,000, bearing interest at the rates and maturing on the dates and in the amounts to be set forth in a Final Terms Certificate (as defined in the Ordinance), and upon the terms and conditions set forth in the Ordinance.

(b) Pursuant to Article XVII of the Charter, the City owns, operates and maintains a municipal water system (the “System”) as an “enterprise” within the meaning of Article X, Section 20 of the Colorado Constitution (“TABOR”). The System has been designated as an enterprise by the Charter, by Section 20-23 of the Greeley City Code (the “Code”), and by related actions of the Council and the Board, and such designation is hereby ratified and confirmed. The Board is authorized to determine, has determined, and hereby determines, based in part upon advice of bond counsel, that the System currently meets all requirements applicable to an enterprise under TABOR. Without limiting the generality of the foregoing, the Board is authorized to determine, has determined, and hereby determines, that in each fiscal year since the adoption of TABOR, through and including the 2025 fiscal year, the System has received, and that for the balance of the current 2025 fiscal year, the Board intends and reasonably expects that the System will receive under 10% of annual revenue in grants from all Colorado state and local governments combined. The Board operates the System as an enterprise for purposes of TABOR. Accordingly, no election is necessary under TABOR to issue the Series 2025 Bonds.

(c) In addition to the other powers and duties vested in the Board, Section 17-4(a) of the Charter provides, in relevant part, that the Board shall have the power and shall

be required to annually establish minimum water rates which must be sufficient to include all expenditures for:

- (i) all operation and maintenance of the System;
 - (ii) all debt service requirements; and
 - (iii) additions to a reserve account in sufficient amounts to offset depreciation to the System, based on accepted principles of accounting for a water system.
- (d) The City has determined it is necessary and desirable for the best interests of the health, safety and welfare of the people of the City to finance the acquisition and construction of capital improvements, core infrastructure, betterments, extensions and expansions of the System (the “Project”), which Project expressly excludes the construction of any facilities associated with the expansion of the area west of Highway 257.
- (e) The Board is familiar with (i) the Project; (ii) the financing of the Project to be effected through the issuance of the Series 2025 Bonds; (iii) the terms and conditions upon which the Series 2025 Bonds are to be issued; and (iv) the provisions of the Ordinance.
- (f) Except for the Series 2016 Bonds, the Series 2018 Bonds, the Series 2022 Bonds, and the 2024 Agency Bond (all as defined in the Ordinance), there are no other outstanding bonds, notes or other obligations secured by a pledge of or a lien on all or any part of the Net Revenues (as defined in the Ordinance) of the System secured on parity with the Series 2025 Bonds, and there are no ordinances, resolutions, contracts, agreements, or other enactments or commitments inconsistent with the issuance of the Series 2025 Bonds or due performance under the Series 2025 Bonds or the Ordinance.
- (g) Pursuant to Section 17-1 of the Charter, Section 20-31 of the Code, and the Ordinance, and to provide for compliance with Section 17-4(a) of the Charter, the Series 2025 Bonds, the Ordinance and the transactions contemplated thereby have been submitted to the Board for its authorization and approval. This resolution shall constitute such authorization and approval, and by adopting this resolution the Board has duly exercised its authority with respect to revenue bonds pursuant to Section 20-31 of the Code.
- (h) The estimated period of usefulness of the Project is not less than fifty years from the date of delivery of the Series 2025 Bonds.
- (i) Pursuant to Section 18-8-308, Colorado Revised Statutes, as amended (“C.R.S.”), all known potential conflicting interests, if any, with respect to the Series 2025 Bonds and the expenditure of proceeds thereof have been disclosed to the Board and to the Colorado Secretary of State. No member of the Board has a personal or private interest, as such terms are used in Section 24-18-109, C.R.S., in the Series 2025 Bonds, the Project, or any other subject matter of this resolution or the Ordinance, and no member of the Board has any interest, as such term is used in Section 24-18-201, C.R.S., in the Series 2025

Bonds, the Project or any other contract made or to be made pursuant to this resolution or the Ordinance.

Section 2. Approval, Authorization and Ratification. The Board hereby approves and authorizes the Project and the issuance of the Series 2025 Bonds, in an aggregate principal amount not to exceed \$39,500,000, bearing interest at the rates and maturing on the dates and in the amounts to be set forth in a Final Terms Certificate, and on the terms and conditions provided in the Ordinance; and the Board further hereby authorizes, approves and concurs in all terms and provisions of the Ordinance and the transactions contemplated thereby. Without limiting the generality of the foregoing, as security for the Series 2025 Bonds, the Board hereby specifically authorizes, approves and concurs in the pledge of Net Revenues of the System, the granting of an irrevocable and first lien (but not necessarily an exclusively first lien) on such Net Revenues, on a parity with the lien of the Series 2016 Bonds, the Series 2018 Bonds, the Series 2022 Bonds, and the 2024 Agency Bond, the covenants, restrictions and limitations relating to additional Parity Obligations and Subordinate Obligations (both as defined in the Ordinance), and the covenants relating to the establishment and collection of System rates and charges, all as provided in the Ordinance. All actions heretofore taken (not inconsistent with the provisions of the Ordinance) by the City, the Board, and officers, agents, and employees of the City and the Board, directed toward the undertaking of the Project and toward the issuance of the Series 2025 Bonds for that purpose, the notice and conduct of the public sale of the Series 2025 Bonds, and the provisions of the Ordinance as finally adopted) are hereby ratified, approved and confirmed.

Section 3. Delegation. In connection with this resolution and the Series 2025 Bonds, the Board hereby elects, pursuant to Section 11-57-204, C.R.S., to apply such portions of the Supplemental Act (as defined and provided in the Ordinance) as are relevant to and not inconsistent with the provisions of the Ordinance and this resolution, including without limitation Section 11-57-211, C.R.S. The officers of the City, including appropriate officers of the Board, are hereby authorized and directed to take all action necessary or appropriate to effectuate the provisions of the Ordinance and this resolution, to comply with the Ordinance and the Series 2025 Bonds, and to comply with all requirements of applicable law in connection therewith, including, without limitation, the execution and delivery of such documents, agreements, certificates, affidavits and other instruments as may be necessary or desirable in connection therewith.

Section 4. Repeal of Inconsistent Actions. All resolutions, bylaws and other orders or actions of the Board in conflict with this resolution are hereby repealed only to the extent of such inconsistency. This repealer shall not be construed to revive any resolution, bylaw or other order action heretofore repealed.

Section 5. Severability. If any section, paragraph, clause or provision of this resolution shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this resolution.

Section 6. Effective Date. The public sale of the Series 2025 Bonds being held on or about July 22, 2025, or such later date as is determined pursuant to the terms of the Ordinance, and the Series 2025 Bonds being scheduled for delivery on or about July 31, 2025 or such later date as is determined pursuant to the terms of the Ordinance, it is hereby determined that the immediate

effectiveness of this resolution will promote the public health and safety of, and will benefit, the citizens and inhabitants of the City. This resolution shall become effective and be in full force and effect immediately upon its adoption.

APPROVED, ADOPTED AND SIGNED this May 21, 2025.

By _____
Chairman, Water and Sewer Board of the
City of Greeley, Colorado

ATTEST:

By _____
Secretary, Water and Sewer Board of the
City of Greeley, Colorado



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Virgil Pierce, Utility Finance Manager

Title:

Resolution of Approval and Support for 2025 Sewer Enterprise Revenue Bond Issuance

Summary:

Enclosed is a resolution for the Water and Sewer Board to authorize and approve the issuance of sewer revenue bonds, Series 2025, in an aggregate principal amount of \$44,000,000, bearing interest at the rates and maturing on the dates and amounts to be set forth in the final terms certificate, and on the terms and conditions provided in the bond ordinance. Terms of payment not to exceed 30 years and an interest rate not to exceed 5.0% in aggregate.

Contained within the sewer capital program are a number of projects extending or rehabilitating the city's sanitary sewer, and upgrading or replacing assets at the Wastewater Treatment and Reclamation Facility that have reached the end of their useful life.

These projects will be partially funded through bond revenues. The resolution states that the Water and Sewer Board authorizes and approves the issuance of the Series 2025 Sewer Revenue Bonds, recognizing that the issuance of these bonds will impact the Sewer Fund's debt service payments and the rates required to support those payments.

Recommended Action:

Approve the 2025 Sewer Bond Resolution

Recommended Motion:

"I move that the Board approve a Resolution authorizing the issuance of Sewer Revenue Bonds and recommend the same to City Council."

Attachments:

1. 2025 Sewer Bond Resolution
2. Greeley 2025 Sewer Revenue Bonds - Water & Sewer Board Resolution



2025 Sewer Bond Resolutions

Virgil Pierce, Utility Finance Manager
May 21, 2025



2025 Sewer Bond

- Sewer bond for \$44 million.
- Projects to be funded:
 - WTRF Primary Treatment Phase II: \$34 million
 - North Greeley Sewer Phase IIa: \$6 million
 - WTRF Generator Replacement: \$4 million

Recommended Action: Approve the 2025 Sewer Bond Resolution



Questions?

**CITY OF GREELEY, COLORADO
WATER AND SEWER BOARD**

RESOLUTION __, 2025

A RESOLUTION OF THE GREELEY WATER AND SEWER BOARD AUTHORIZING AND APPROVING THE ISSUANCE OF FIRST-LIEN SEWER IMPROVEMENT REVENUE BONDS, SERIES 2025, IN AN AGGREGATE PRINCIPAL AMOUNT NOT TO EXCEED \$44,000,000, BEARING INTEREST AT THE RATES AND MATURING ON THE DATES AND IN THE AMOUNTS TO BE SET FORTH IN A FINAL TERMS CERTIFICATE, AND ON THE TERMS AND CONDITIONS PROVIDED IN THE GENERAL AND SERIES ORDINANCES OF THE CITY

BE IT RESOLVED BY THE WATER AND SEWER BOARD OF THE CITY OF GREELEY, COLORADO:

Section 1. Findings. The Water and Sewer Board (the “Board”) of the City of Greeley, Weld County, Colorado (the “City”), hereby finds and determines that:

(a) The Board is in receipt of a copy of the proposed Series 2025 First-Lien Sewer Improvement Revenue Bond Ordinance (the “Series Ordinance” and together with the Sewer System General Revenue Bond Ordinance (the “Sewer General Ordinance”), collectively, the “Ordinances”), which is scheduled for introduction at the City Council’s regular meeting on June 3, 2025, pursuant to which it is proposed that the Council authorize and approve, pursuant to Section 5-18(d) of the Charter of the City (the “Charter”), the City of Greeley, Colorado, First-Lien Sewer Improvement Revenue Bonds, Series 2025 (the “Series 2025 Bonds”). The Series 2025 Bonds are to be issued in an aggregate principal amount not to exceed \$44,000,000, bearing interest at the rates and maturing on the dates and in the amounts to be set forth in a Final Terms Certificate (as defined in the Ordinances), and upon the terms and conditions set forth in the Ordinances.

(b) Pursuant to Article XVII of the Charter, the City owns, operates and maintains a municipal sanitary sewer system (the “System”) as an “enterprise” within the meaning of Article X, Section 20 of the Colorado Constitution (“TABOR”). The System has been designated as an enterprise by the Charter, by Section 20-24 of the Greeley City Code (the “Code”), and by related actions of the Council and the Board, and such designation is hereby ratified and confirmed. The Board is authorized to determine, has determined, and hereby determines, based in part upon advice of bond counsel, that the System currently meets all requirements applicable to an enterprise under TABOR. Without limiting the generality of the foregoing, the Board is authorized to determine, has determined, and hereby determines, that in each fiscal year since the adoption of TABOR, through and including the 2025 fiscal year, the System has received, and that for the balance of the current 2025 fiscal year, the Board intends and reasonably expects that the System will receive, under 10% of annual revenue in grants from all Colorado state and local governments combined. The Board operates the System as an enterprise

for purposes of TABOR. Accordingly, no election is necessary under TABOR to issue the Series 2025 Bonds.

(c) In addition to the other powers and duties vested in the Board, Section 17-4(a) of the Charter provides, in relevant part, that the Board shall have the power and shall be required to annually establish minimum sewer rates which must be sufficient to include all expenditures for:

(i) all operation and maintenance of the System;

(ii) all debt service requirements; and

(iii) additions to a reserve account in sufficient amounts to offset depreciation to the System, based on accepted principles of accounting for a water system.

(d) The City has determined it is necessary and desirable for the best interests of the health, safety and welfare of the people of the City to finance the construction of core infrastructure for and capital additions to the System, constituting a portion of the System Capital Program (as defined in the Series Ordinance), which Series 2025 Capital Project expressly excludes the construction of any facilities associated with the expansion of the area west of Highway 257

(e) The Board is thoroughly familiar with (i) the Series 2025 Capital Project; (ii) the financing of the Series 2025 Capital Project to be effected through the issuance of the Series 2025 Bonds; (iii) the terms and conditions upon which the Series 2025 Bonds are to be issued; and (iv) the provisions of the Ordinances.

(f) There are currently outstanding the Series 2015 Bonds, the Series 2018 Bonds, and the Series 2022 Bonds (each as defined in the Series Ordinance). The Series 2025 Bonds shall have a lien on the Net Pledged Revenues which is on a parity with the lien of the Series 2015 Bonds, the Series 2018 Bonds, and the Serie 2022 Bonds. Except for the Series 2015 Bonds, the Series 2018 Bonds, and the Series 2022 Bonds, there are no other outstanding bonds, notes or other obligations secured by a pledge of or a lien on all or any part of the Net Pledged Revenues (as defined in the Ordinances) of the System secured on parity with the lien securing the Series 2025 Bonds, and there are no ordinances, resolutions, contracts, agreements, or other enactments or commitments inconsistent with the issuance of the Series 2025 Bonds or due performance under the Series 2025 Bonds or the Ordinances.

(g) Pursuant to Section 17-1 of the Charter, Section 20-31 of the Code, and the Ordinances, and to provide for compliance with Section 17-4(b) of the Charter, the Series 2025 Bonds, the Ordinances, and the transactions contemplated thereby have been submitted to the Board for its authorization and approval. This resolution shall constitute such authorization and approval, and by adopting this resolution the Board has duly exercised its authority with respect to revenue bonds pursuant to Section 20-31 of the Code.

(h) The estimated period of usefulness of the Series 2025 Capital Project is not less than fifty years from the date of delivery of the Series 2025 Bonds.

(i) Pursuant to Section 18-8-308, Colorado Revised Statutes, as amended (“C.R.S.”), all known potential conflicting interests, if any, with respect to the Series 2025 Bonds and the expenditure of proceeds thereof have been disclosed to the Board and to the Colorado Secretary of State. No member of the Board has a personal or private interest, as such terms are used in Section 24-18-109, C.R.S., in the Series 2025 Bonds, the Series 2025 Capital Project, or any other subject matter of this resolution or the Ordinances, and no member of the Board has any interest, as such term is used in Section 24-18-201, C.R.S., in the Series 2025 Bonds, the Series 2025 Capital Project or any contract made or to be made pursuant to this resolution or the Ordinances.

Section 2. Approval, Authorization and Ratification. The Board hereby approves and authorizes the Series 2025 Capital Project and the issuance of the Series 2025 Bonds, in an aggregate principal amount not to exceed \$44,000,000, bearing interest at the rates and maturing on the dates and in the amounts to be set forth in a Final Terms Certificate, and on the terms and conditions provided in the Series Ordinance; and the Board further hereby authorizes, approves and concurs in all terms and provisions of the Ordinance and the transactions contemplated thereby. Without limiting the generality of the foregoing, as security for the Series 2025 Bonds, the Board hereby specifically authorizes, approves and concurs in the pledge of Net Pledged Revenues of the System, the granting of an irrevocable and first lien (but not necessarily an exclusively first lien) on such Net Pledged Revenues, the covenants, restrictions and limitations relating to additional Parity Obligations and Subordinate Obligations (both as defined in the Ordinances), and the covenants relating to the establishment and collection of System rates and charges, all as provided in the Ordinances. All actions heretofore taken (not inconsistent with the provisions of the Ordinances) by the City, the Board, and officers, agents and employees of the City and the Board, directed toward the undertaking of the Series 2025 Capital Project and toward the issuance of the Series 2025 Bonds for that purpose, the notice and conduct of the public sale of the Series 2025 Bonds, and the provisions of the Ordinances as finally adopted) are hereby ratified, approved and confirmed.

Section 3. Delegation. In connection with this resolution and the Series 2025 Bonds, the Board hereby elects, pursuant to Section 11-57-204, C.R.S., to apply such portions of the Supplemental Act (as defined and provided in the Ordinances) as are relevant to and not inconsistent with the provisions of the Ordinance and this resolution, including without limitation Section 11-57-211, C.R.S. The officers of the City, including appropriate officers of the Board, are hereby authorized and directed to take all action necessary or appropriate to effectuate the provisions of the Ordinance and this resolution, to comply with the Ordinances and the Series 2025 Bonds, and to comply with all requirements of applicable law in connection therewith, including, without limitation, the execution and delivery of such documents, agreements, certificates, affidavits and other instruments as may be necessary or desirable in connection therewith.

Section 4. Repeal of Inconsistent Actions. All resolutions, bylaws and other orders or actions of the Board in conflict with this resolution are hereby repealed only to the extent of such

inconsistency. This repealer shall not be construed to revive any resolution, bylaw or other order action heretofore repealed.

Section 5. Severability. If any section, paragraph, clause or provision of this resolution shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this resolution.

Section 6. Effective Date. The public sale of the Series 2025 Bonds is scheduled to be held on or about July 22, 2025, or such later date as is determined pursuant to the terms of the Ordinances, and the Series 2025 Bonds are scheduled for delivery on or about July 31, 2025 or such later date as is determined pursuant to the terms of the Ordinances. It is hereby determined that the immediate effectiveness of this resolution will promote the public health and safety of, and will benefit, the citizens and inhabitants of the City. This resolution shall become effective and be in full force and effect immediately upon its adoption.

APPROVED, ADOPTED AND SIGNED this May 21, 2025.

By _____
Chairman, Water and Sewer Board of the
City of Greeley, Colorado

ATTEST:

By _____
Secretary, Water and Sewer Board of the
City of Greeley, Colorado



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Cort Nickel, W&S Civil Engineer IV , Patrick Turn, Asset Manager

Title:

Water Transmission and Distribution System Condition Assessment

Summary:

Staff will present information regarding the age, condition and value of the existing transmission and distribution systems, along with an overview of the multiple criteria (age, type of pipe, leak history, etc.) historically considered during planning of pipeline replacement projects. Staff will also compare the cost of reactive repairs (i.e. leak repairs) vs proactive repairs and the importance of a proactive versus reactive pipeline rehabilitation program. In addition, staff will provide an update of how the City's Artificial Intelligence (A.I.) pipeline assessment programs are being utilized to support traditional pipeline replacement strategies.

Recommended Action:

None

Recommended Motion:

None

Attachments:

1. Distribution-Transmission-A.I. Presentation



Water Transmission & Distribution (T & D) System Condition Assessment

Cort Nickel, P.E.

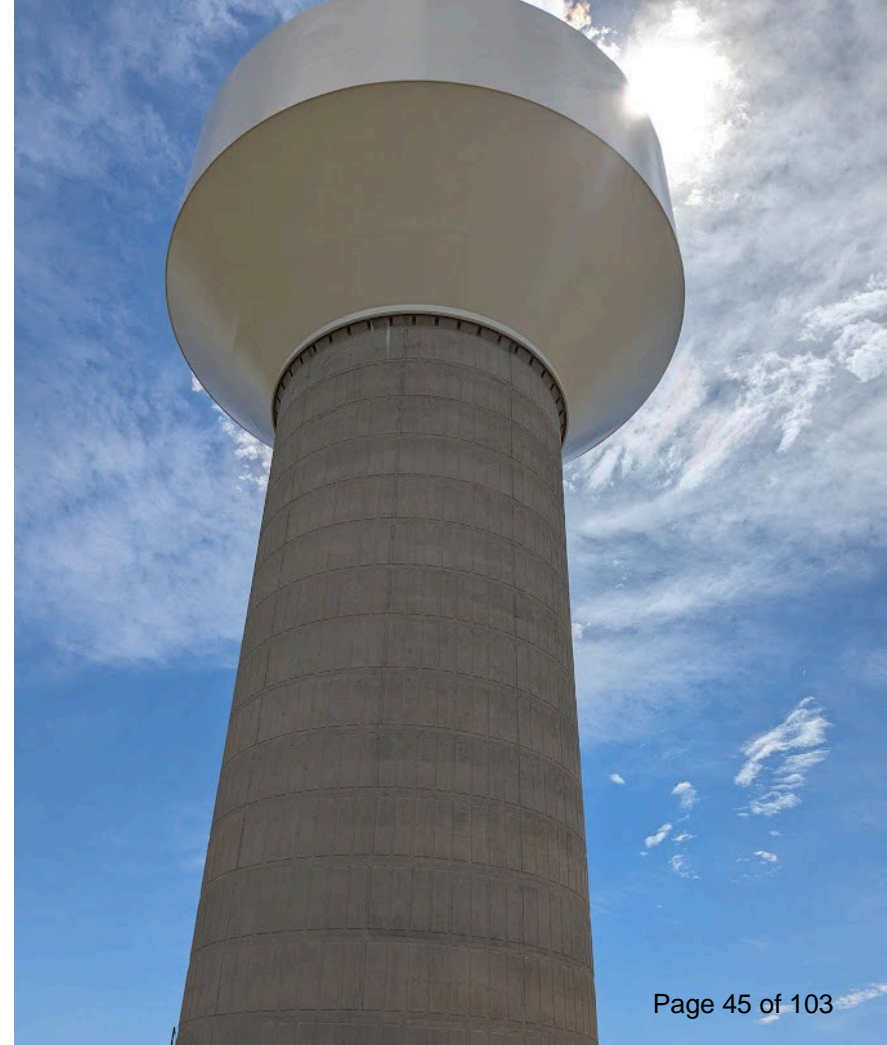
Patrick Turn

May 21, 2025



Agenda

- Review Extent and Value of Existing Transmission and Distribution System Assets
- Discuss Project Renewal Factors
- Overview of A.I. Data Models
- A.I. Data Model Sample Results
- Review Current Renewal Projects



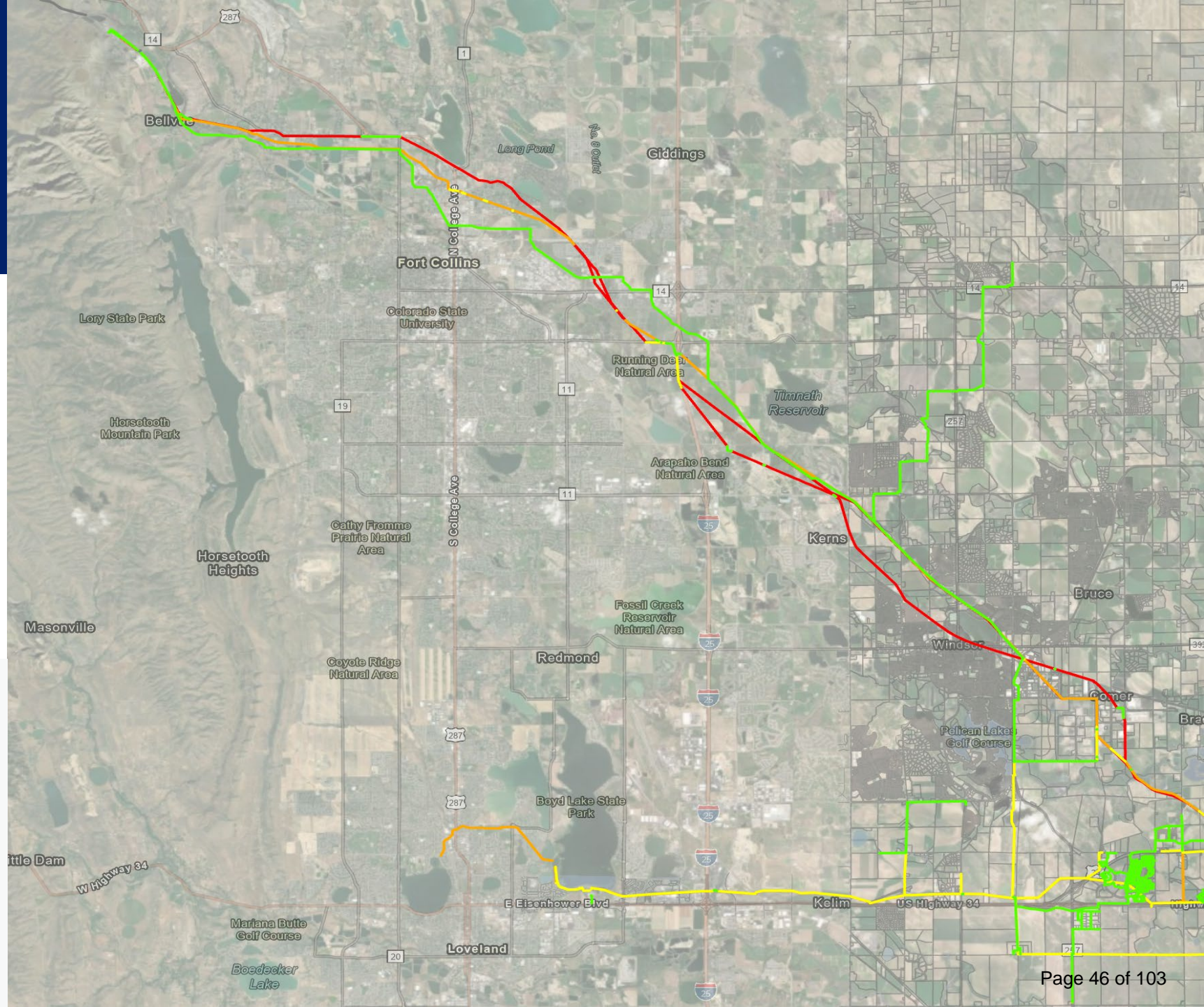
Transmission - Pipe Age Map

Install_Date

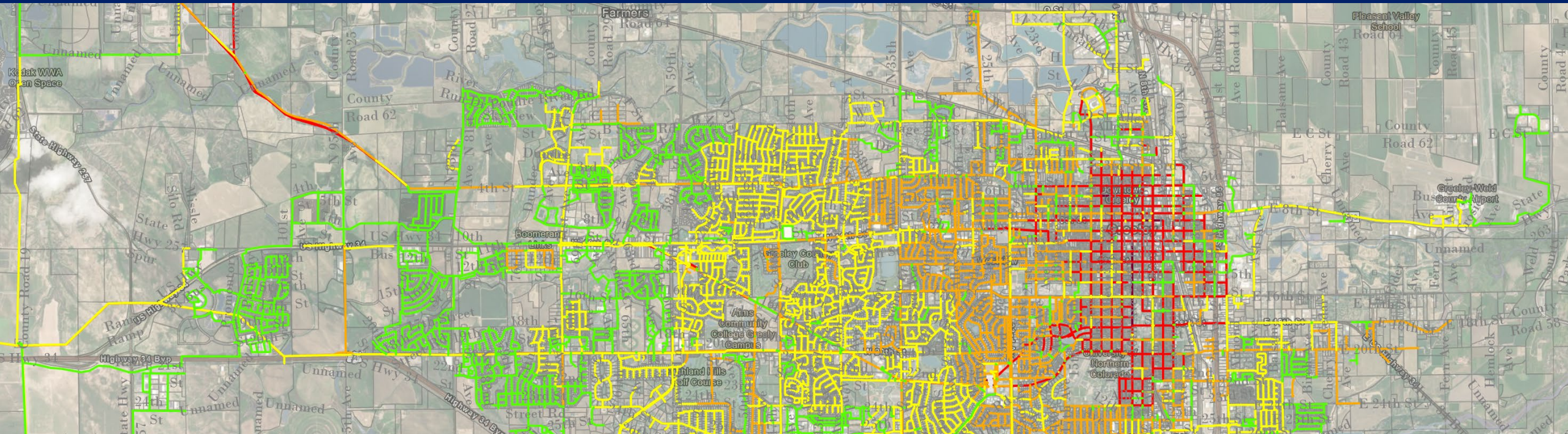
- 1890-1917
- 1918-1944
- 1945-1970
- 1971-1998
- 1999-2025
- Unknown

Pipe Years Old

- 135-108 years
- 109-81 years
- 80-54 years
- 53-27 years
- 26-0 years
- Unknown

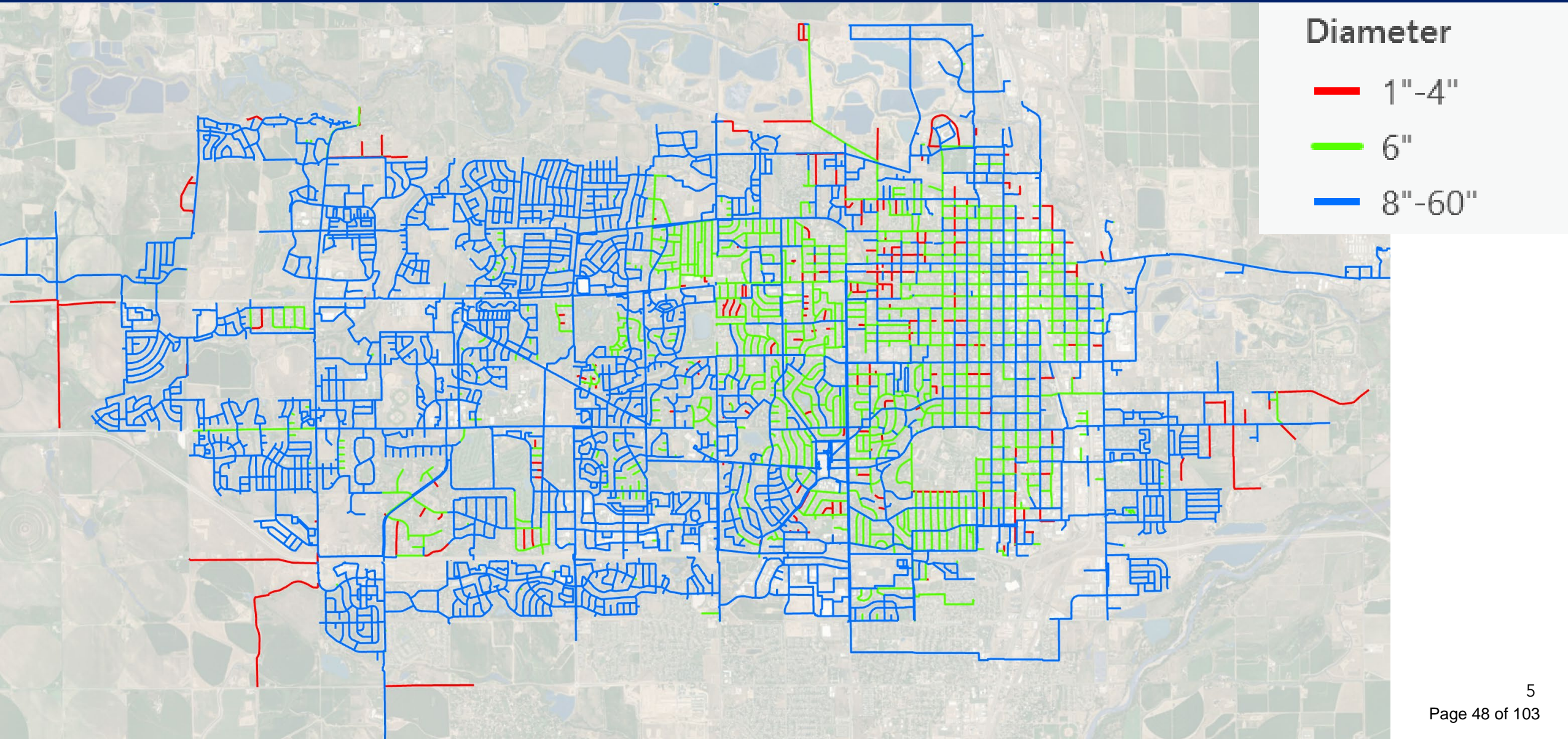


Water Distribution System – Pipe Age Map



Install_Date	Pipe Years Old
1890-1917	135-108 years
1918-1944	109-81 years
1945-1970	80-54 years
1971-1998	53-27 years
1999-2025	26-0 years
Unknown	Unknown

Water Distribution System – Undersized Pipe



Existing Transmission & Distribution System Assets

Water Transmission Mains (Dating back to 1890)

- 164 miles of pipeline (20" to 60")
- Estimated replacement cost - \$3M to \$5M per mile (not including easements)
- Total Replacement Value - \$500M to \$820M.

Water Distribution System (Dating back to 1890)

- 515 miles of pipeline (2" to 20")
- 13,000 valves & 4,000 fire hydrants
- Estimated replacement cost - \$2M to \$4M per mile (not including easements)
- Total Replacement Value - \$1,030M to \$2,060M

Current Replacement Value - \$1.5B to \$3B



Proactive vs Reactive Repair Costs



Cost to Proactively Repair 1ft of pipe ~\$850

Cost to Emergency Repair 1ft of pipe ~\$2,000



Rehabilitation and Replacement Factors

- **Water Quality**
 - Conflict manhole
 - water age
- **Safety**
 - Water Pressure
 - Fire Flow
- **Growth**
 - Master Plans
 - Infill
 - System Expansion
- **Replacement**
 - Leak History
 - Integration with other City programs/projects (i.e., 16th St, KGM, MERGE)
 - Pipe Age
 - Pipe Material
 - Pipe Size
 - Previous Work (i.e., Cement Mortar Lining)
 - A.I. Risk Assessments

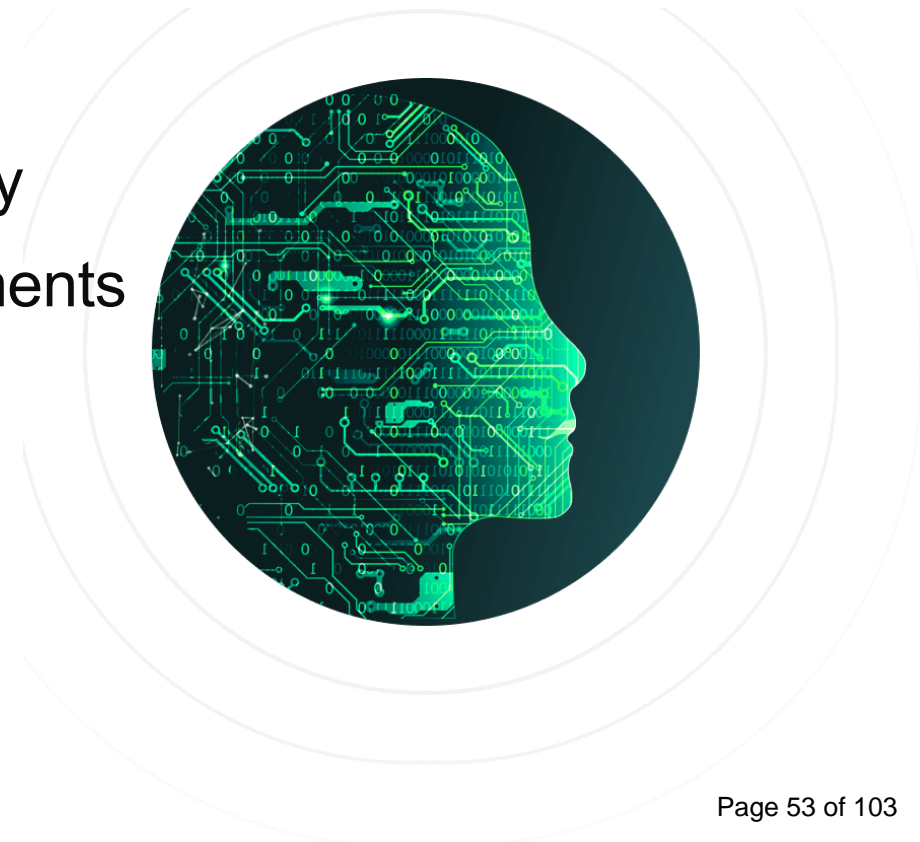
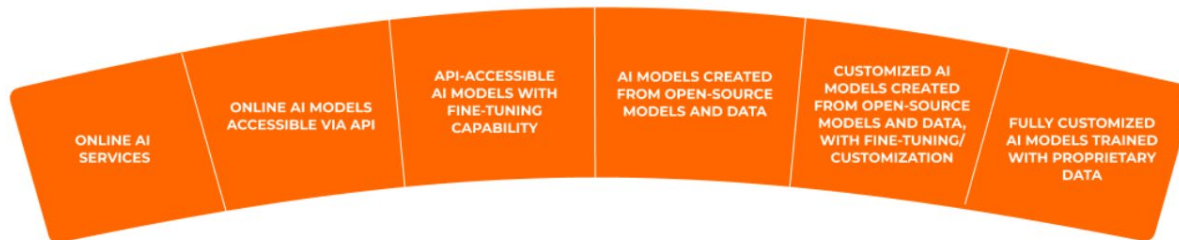
A.I. Solutions to Water System Management

- Potentially reduce number of annual breaks
 - 46 organic leaks 2024 on mains
- Provides big network picture
- Risk data informs CIP
- Data - accurate and defensible

Why use Artificial Intelligence?

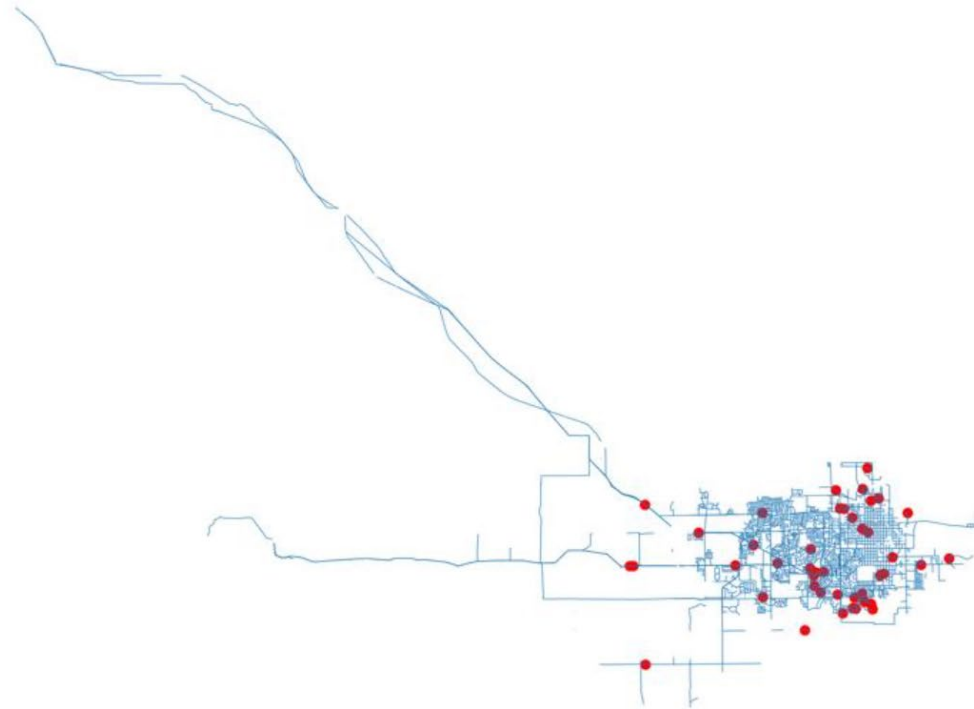
- 680 miles of water pipelines
- How to prioritize?
- Current system – Age, size, material, and leak history
- Increased breaks decimates the budget for replacements

SPECTRUM OF AI SOLUTIONS

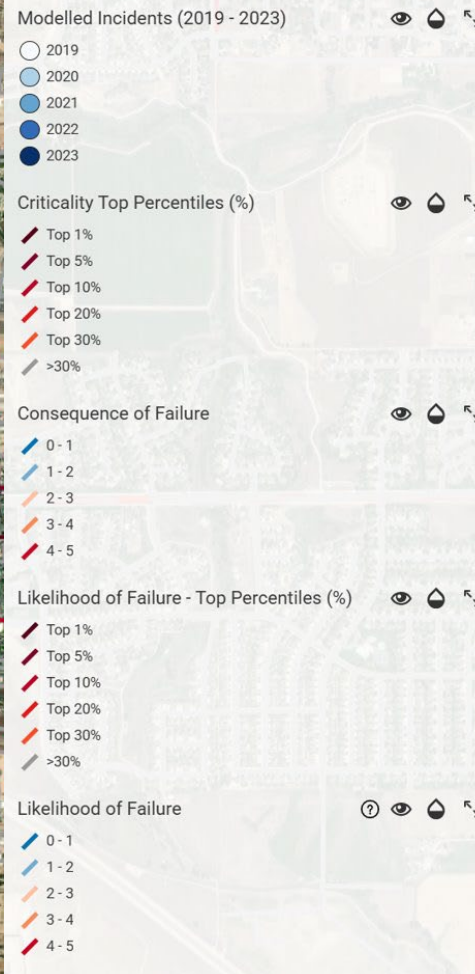
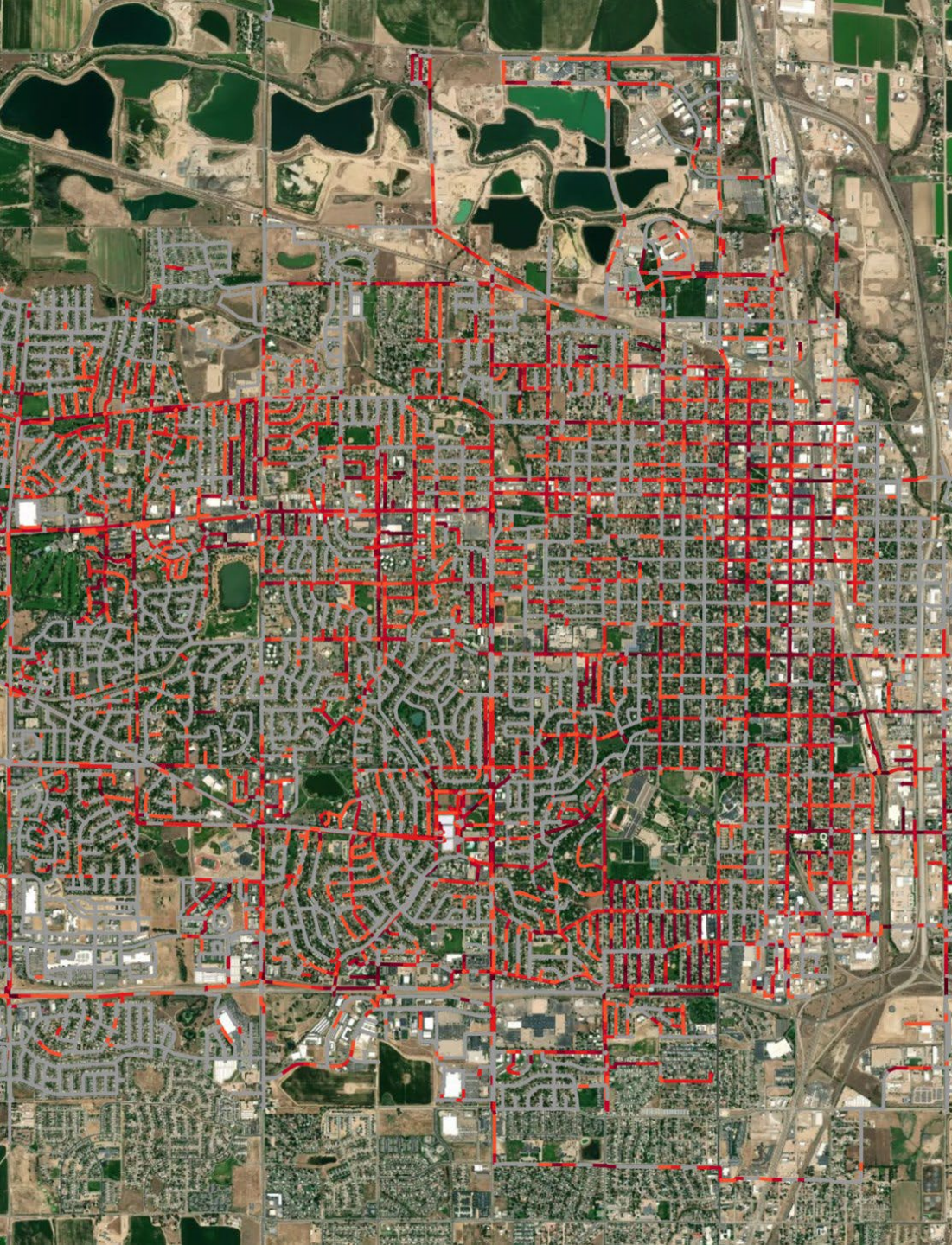


Leaks Over Time

1998

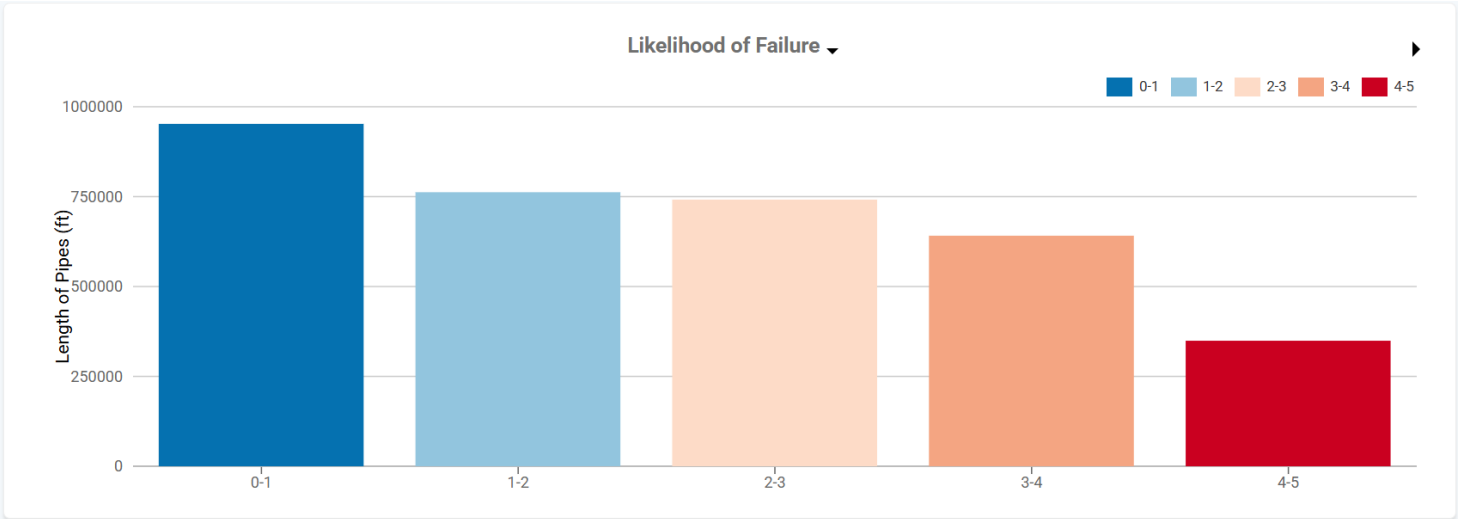


Rezatec: Geospatial Solutions



- Data driven
- Unbiased risk-based approach
- Satellite Based
- Showcases
 - high risk
 - Monetary consequence
- Case studies average budget savings of 33% compared to reactive repair costs

Rezatec AI Condition Assessment



Likelihood of Break

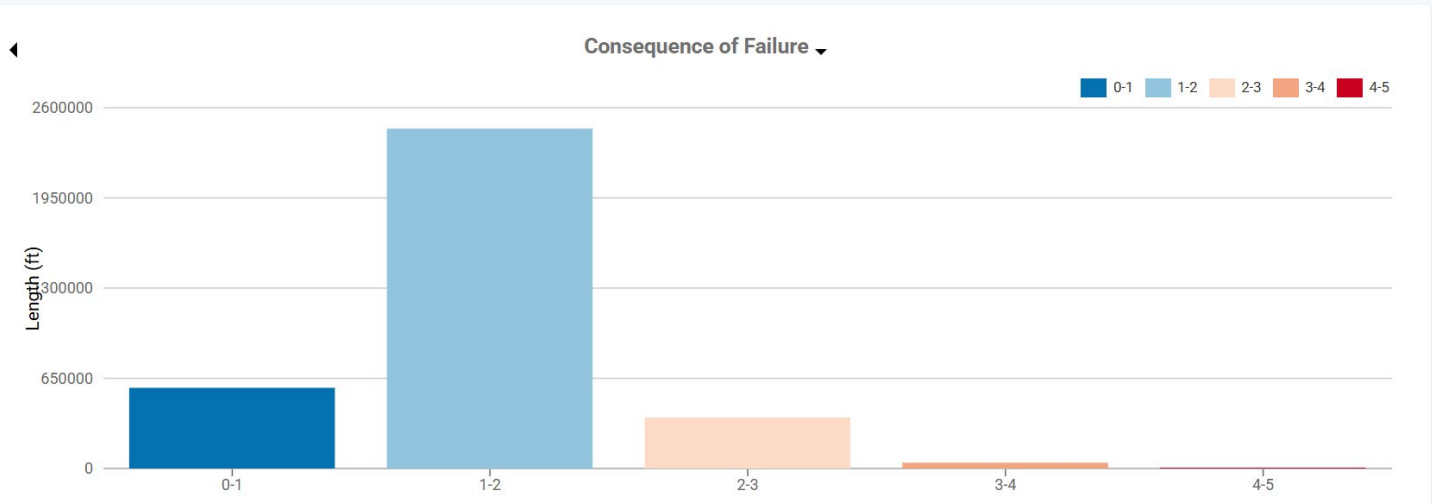
- 66 miles High
- 121 miles Mid-High
- 140 miles Mid

Data supports aging system in need of rehab

Consequence of Break

- 1 mile High
- 8 miles Mid-High
- 70 miles Mid

Data supports highly resilient system



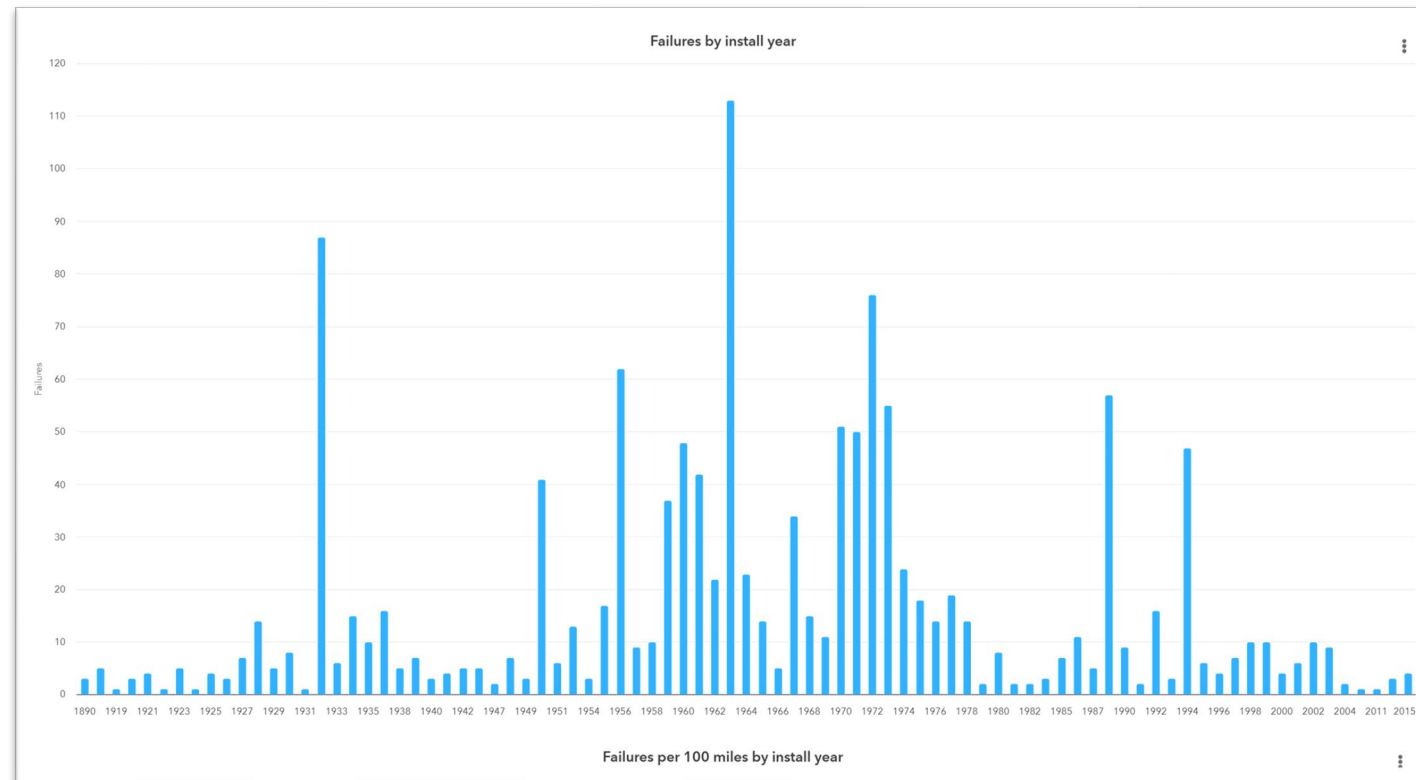
PipeRank/Voda.ai

Data collection
and clean up

PipeRank finds patterns
and relationships

Asset Analysis

- Focus on leak detection and condition assessment solutions for the water industry
- Fully focused on complete data environment
 - Patterns in hundreds of data environments analyzed quickly
 - All pipes analyzed individually for unique score



These graphs represent spikes in water pipe installations that can be correlated with other organization data to predict future leaks for our system

PipeRank/Voda.ai Condition Assessment

► Pipe ID: 25583

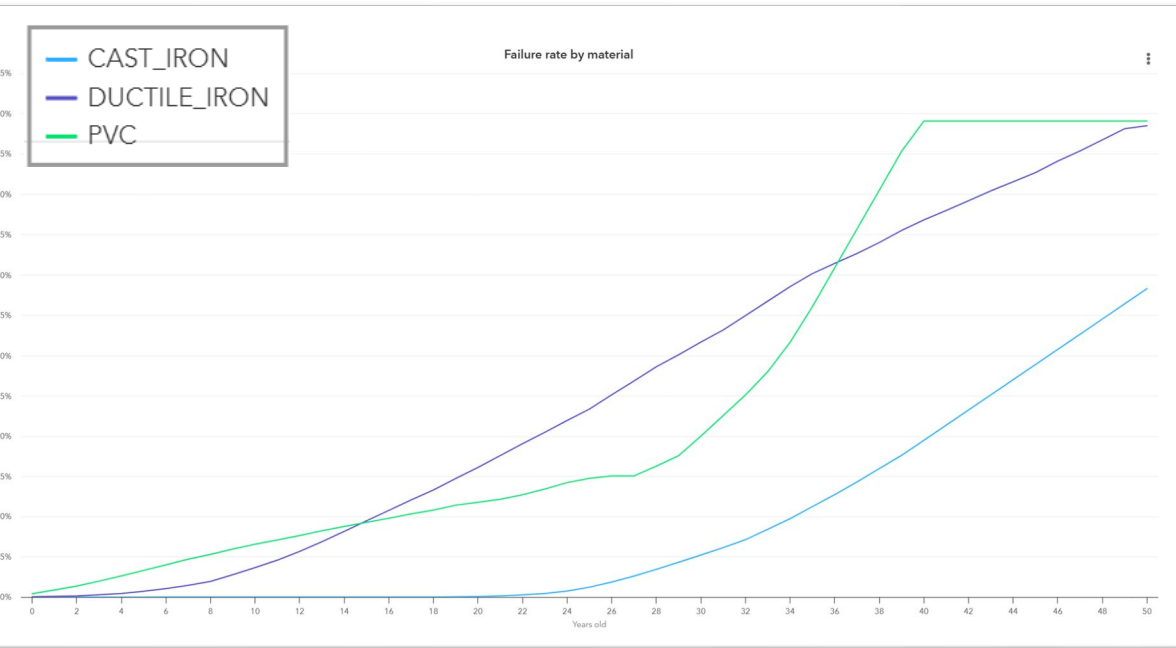
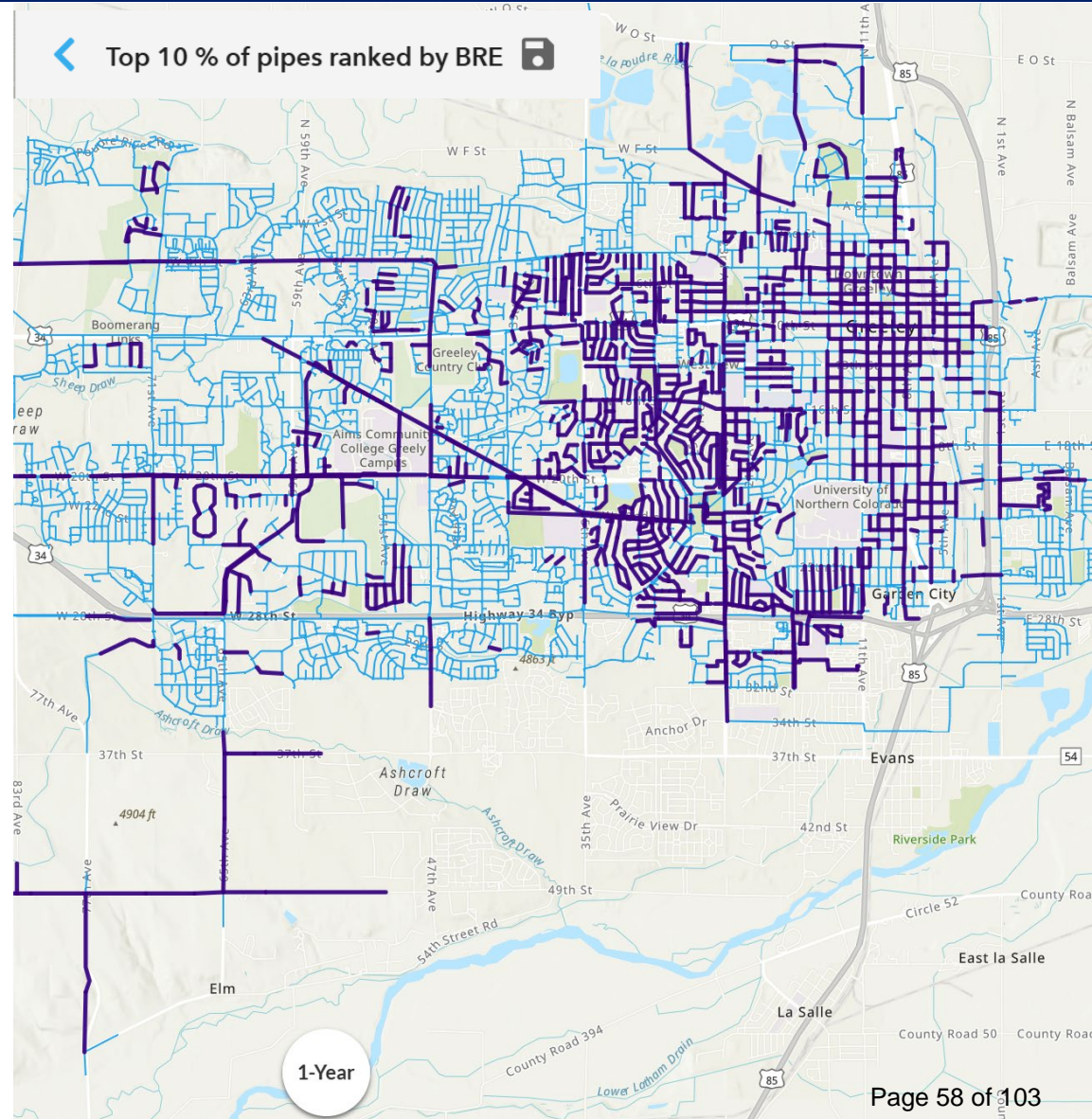
LOF Rank	81 - 1%
COF Rank	102 - 1%
Risk Rank	1 - 1%
Pipe Diameter	27 in
Material	OTHER
Installation Year	1930
Failed Before	3
Pipe Length	7872 ft

1%

► Consequence Score

Consequence Score	6.9
Road Type	Secondary
Road Score	6
POI	School (2)
POI Score	7
Pop. Density	810 per sq. mi
Pop. Score	1
Diameter Score	7

6.9



ePulse Pilot Study

- Benefit of ePulse Condition Assessment
 - Non-invasive
 - On-Site
 - Provides detailed assessments
 - Quick process – low staff
 - Leak detection



6" CI pipe with 47% measured loss



6" CI pipe with 10% measured loss

Summary of Key Results

- No leaks detected
- 360 feet - poor condition
 - 34% decrease in wall thickness
- 2592 feet - moderate condition
 - 10% to 30% decrease in wall thickness

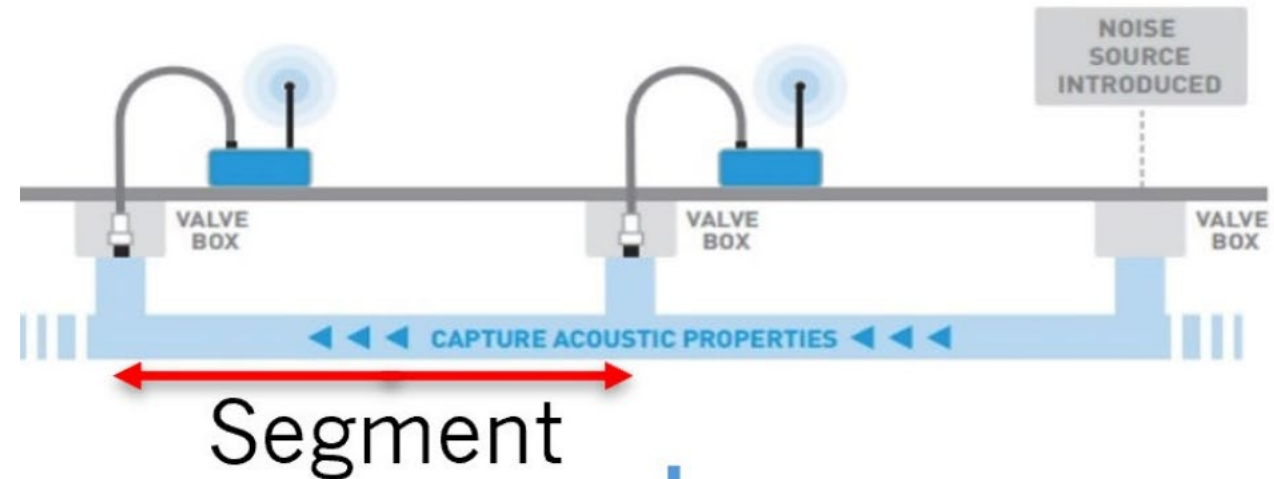
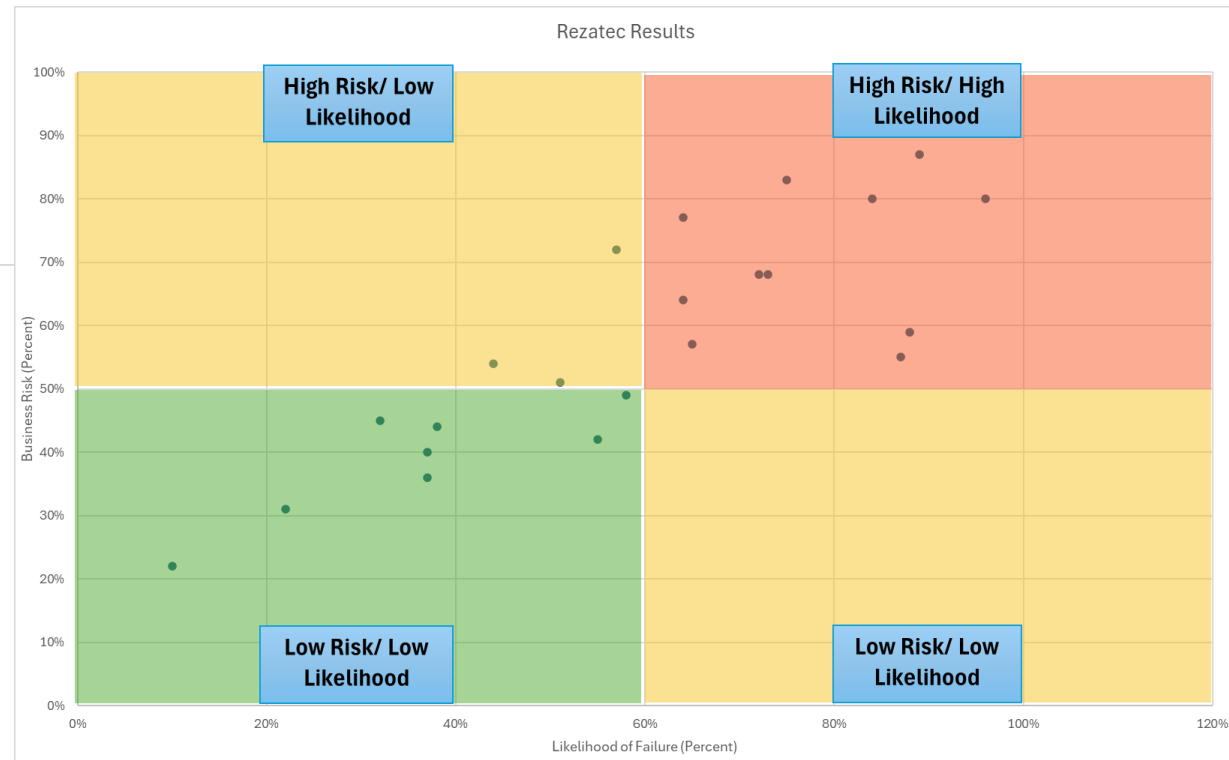
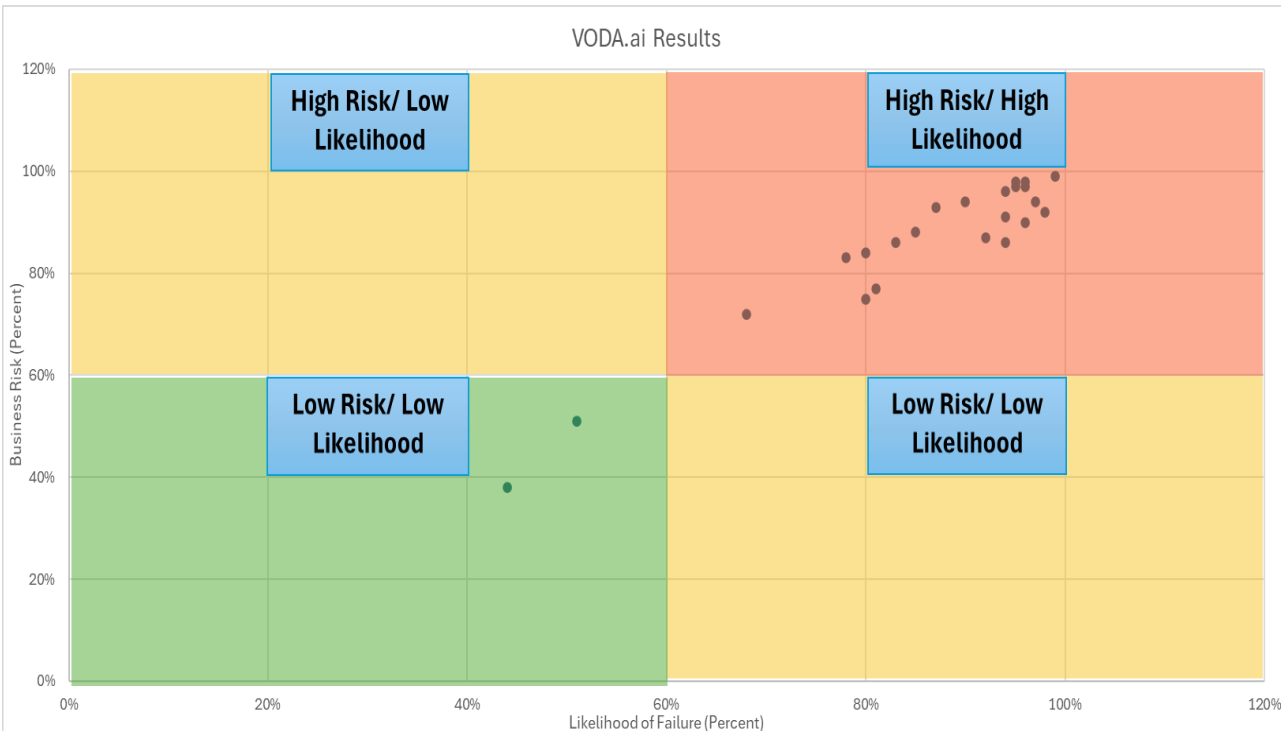


Figure 3.3: Typical ePulse field setup

A.I. Data Results from 2024 Leak Sample

VODA.ai results:
 2 leaks in 2024 identified as “low likelihood”
 20 leaks on mains identified as “high likelihood”
 86% accurate



Rezatec results:
 11 leaks in 2024 identified as “low likelihood”
 11 leaks identified as “high likelihood”
 50% accurate

A.I. Pilot Program

AI Pilot Program

- Piloting both AI System for 3 Years
- AI System with higher prediction of leaks is preferred company moving forward
- Year 1 – VODA.ai achieved highest prediction

Water & Sewer Conclusions

- Cannot completely trust either AI system yet
- Hopeful for improved predictions in Year 2 & 3
- Staff uses all resources and information to prioritize projects



Transmission & Distribution Rehabilitation

AI Assessments (Top 1% BRE)

- BRE – Business Risk Exposure
 - BRE = LOF x COF

Water System Rehabilitation

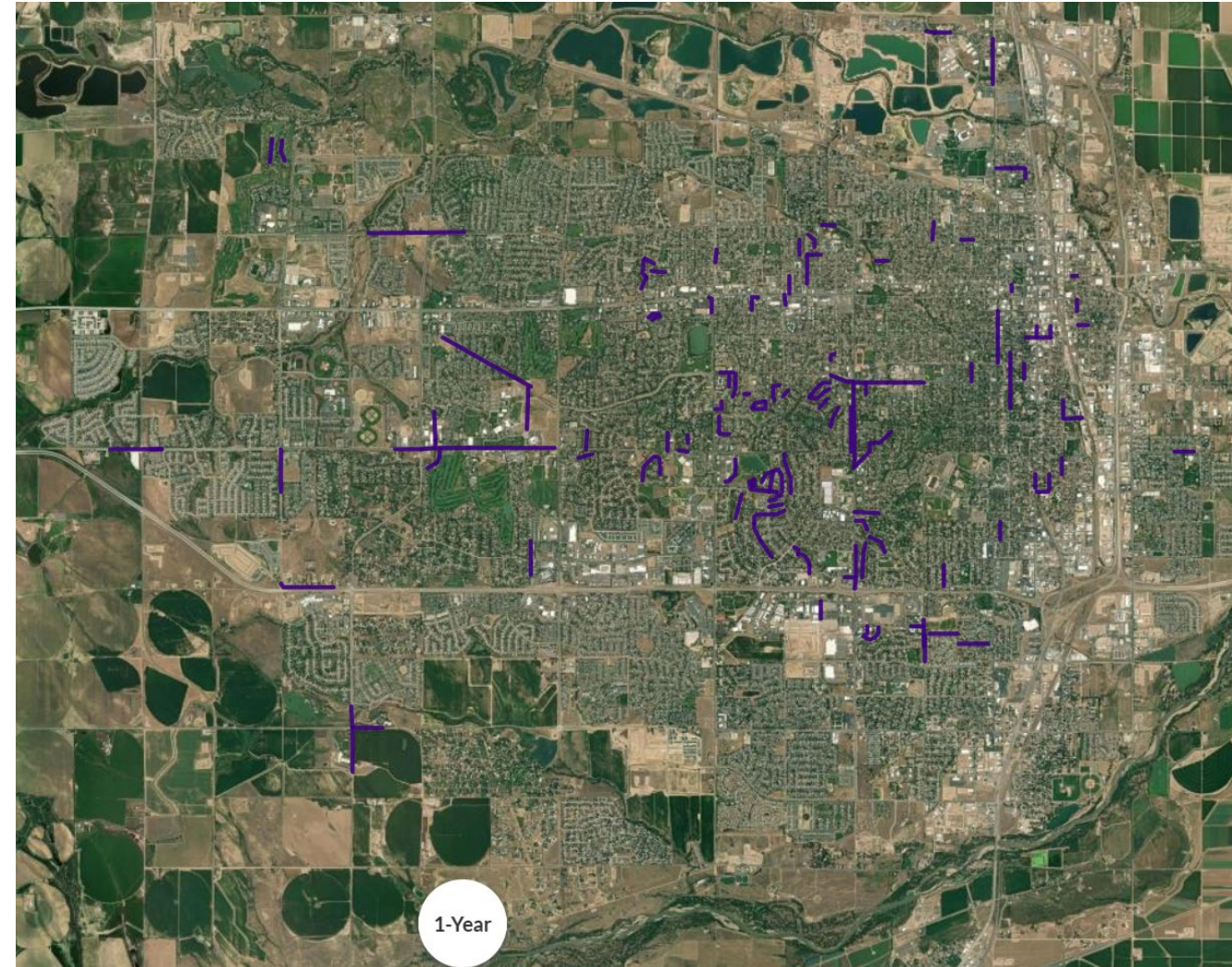
- 26 Miles for 1% BRE
- Estimated replacement cost - \$2M to \$5M per mile

5 Year Replacement Plan

- Estimated replacement cost - \$10M to \$26M per year

10 Year Replacement Plan

- Estimated replacement cost - \$5M to \$13M per year



Transmission System Renewal Projects

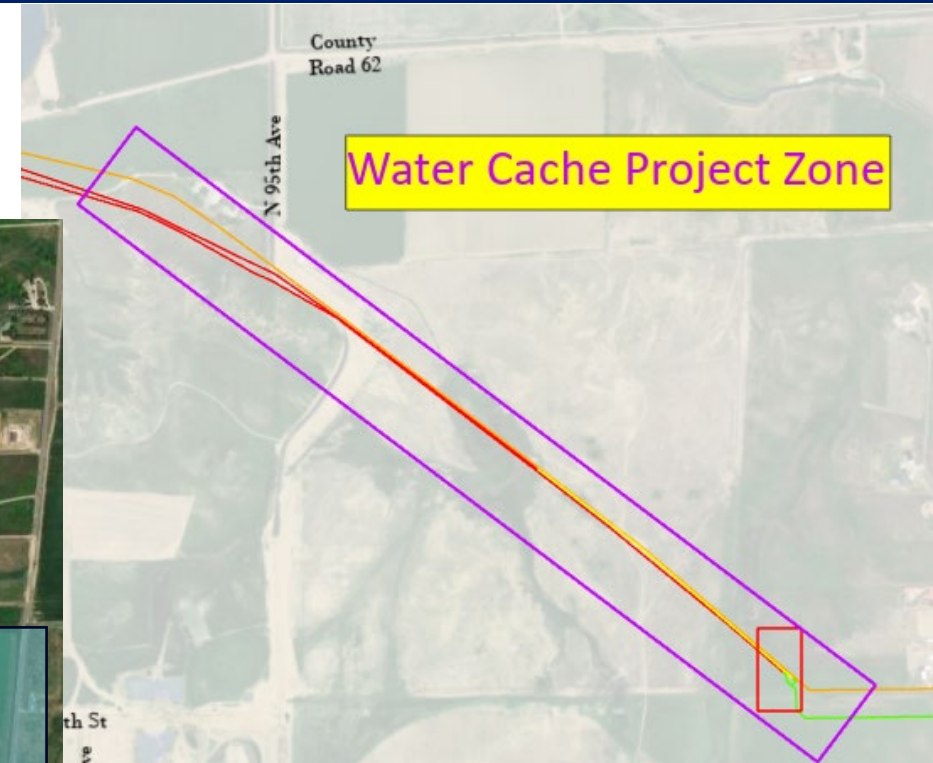
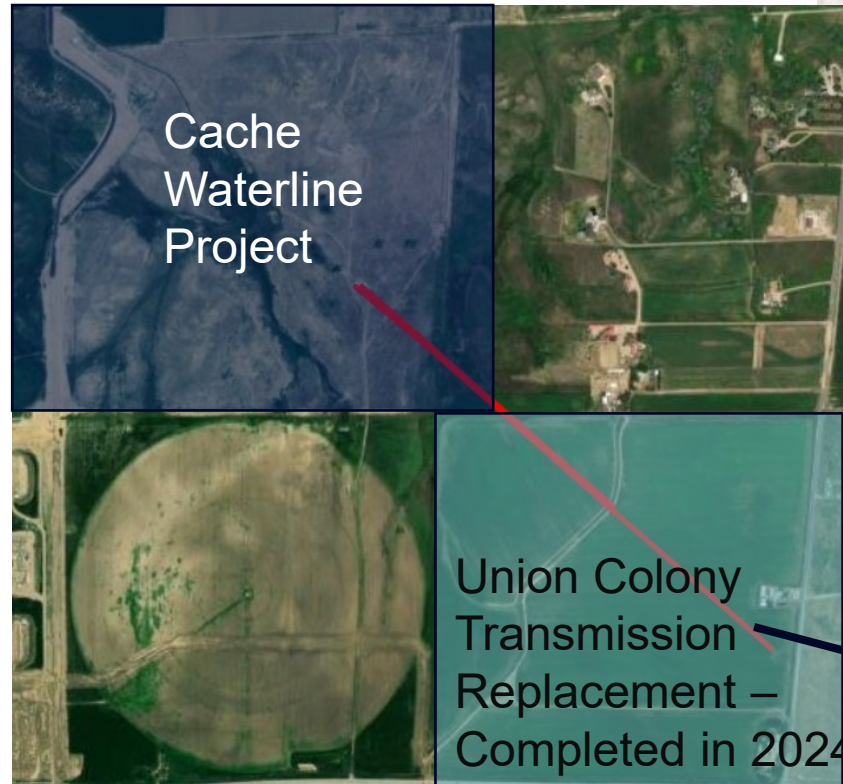
Cache Waterline Project

Replaces

- 1929 20" Cast Iron pipeline
- 1931 20" Cast Iron pipeline
- New 36" Ductile Iron or Steel line

- Design is approx. 30% complete
- Anticipated construction 2027

- **Currently Engineering Team is Outperforming AI** 😊



Distribution System Renewal Projects

- Historically, the City utilized Contractors in pipeline replacement project
- In 2024, the City began a new program utilizing City construction crews

Project	City Crews	Outside Contractors
Montview Subdivision		X
C Street – 23 rd to 25 th Ave	X	
1 st Street – 23 rd to 25 th Ave		X
Farr Neighborhood	X	X

Water & Sewer Conclusions

Future AI Program

- Hopeful for better prediction of leaks in future years
- Allow faster analytics of water system
- Prioritize replacement prior to leaks or with other City/Developer projects
- Allows for consistent and data driven water line replacement decisions

Rehab & Replacement Strategy

- System is aging, but resilient, and must prioritize replacing higher risk lines
- Collaborate with other City/Developer projects to reduce costs and limit impacts to residents
- Prioritize City construction crew to reduce costs and increase replacements
- Reduce number of leaks across system
- Staff uses all resources and information to prioritize projects



Questions?



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Morgan Effrein, Water Resource Administrator II

Title:

Tri-Annual Water Court Update

Summary:

During the first trimester, the City of Greeley Water and Sewer Department continued its active involvement in Water Court proceedings to secure new water supplies and safeguard existing water rights. The city filed three new statements of opposition and entered into eight stipulations – four involving the change of Greeley’s owned Water Supply and Storage Company shares. In February, Greeley also submitted an application for the Delta Park Well Right and Augmentation Plan. Work is now underway to prepare a proposed decree and supporting engineering reports, expected this summer. Legal expenses for Water Court proceedings totaled \$110,772, with engineering costs at \$89,431 – bringing total expenditures to \$200,203 for the first trimester.

Recommended Action:

None

Recommended Motion:

None

Attachments:

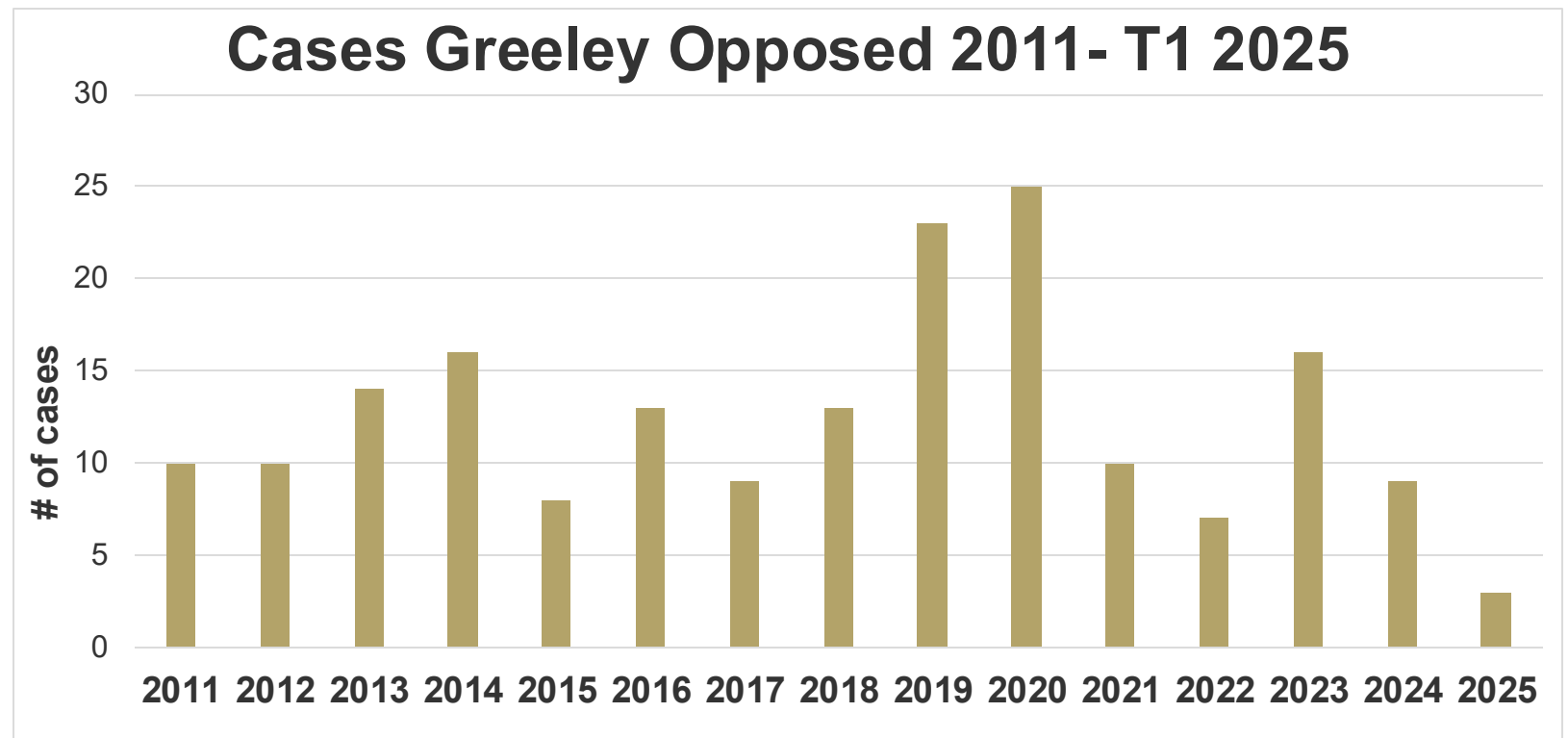
1. First Triannual Water Court Update_2025
2. First Triannual Water Court Update

1st Trimester (T1) Water Court Update

Greeley Water & Sewer Board
May 21st, 2025



Statements of Opposition



- T1 2025: 3 statements of opposition filed & 6 stipulations reached
- Number of cases Greeley is *currently* an opposer: 22
- Total number of active cases in 2025: 25

Greeley as Applicant

Greeley Change of WSSC (22CW3042)

Goal: change 23.917 shares for municipal, augmentation, and other uses

- Includes plan for augmentation for return flows
- Conditional direct flow water right for return flows

UPDATE:

- 24 statements of opposition were filed
- 11 oppositions currently active
- 13 stipulations reached

Greeley is meeting with opposition directly to address remaining concerns



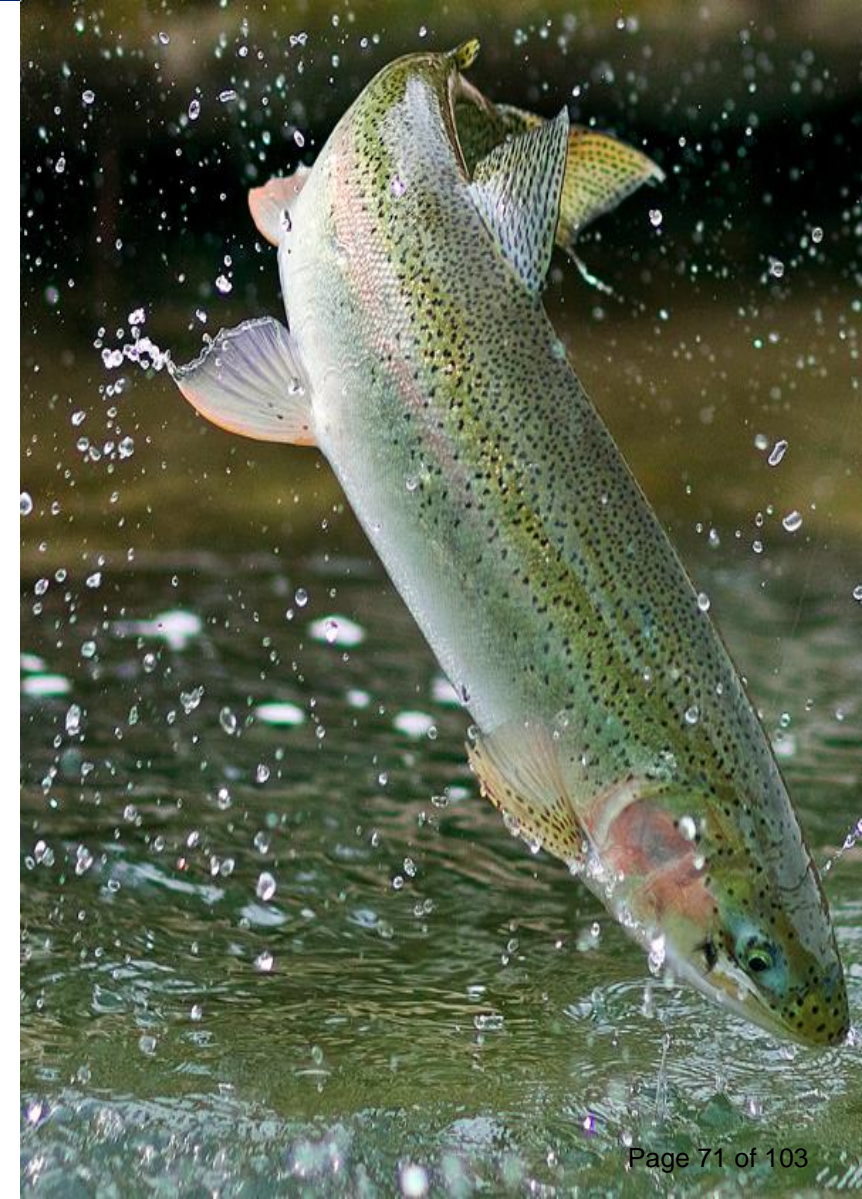
Poudre River Flows Augmentation Plan (21CW3056)

Goal: reduce dry up points on the Poudre River and enhance instream flows with augmentation operations

- Co-Applicants with Colorado Water Trust, CWCB, Fort Collins, and Thornton
- Greeley using GIC rights

UPDATE:

- Applicants' rebuttal expert disclosures are due July 7th, 2025
- 20 statements of opposition filed
 - 1 stipulation reached
- The applicants are meeting with opposers individually to address remaining issues
- Trial (if necessary) is scheduled for Oct. 20th -31st 2025



Greeley as Applicant (New)

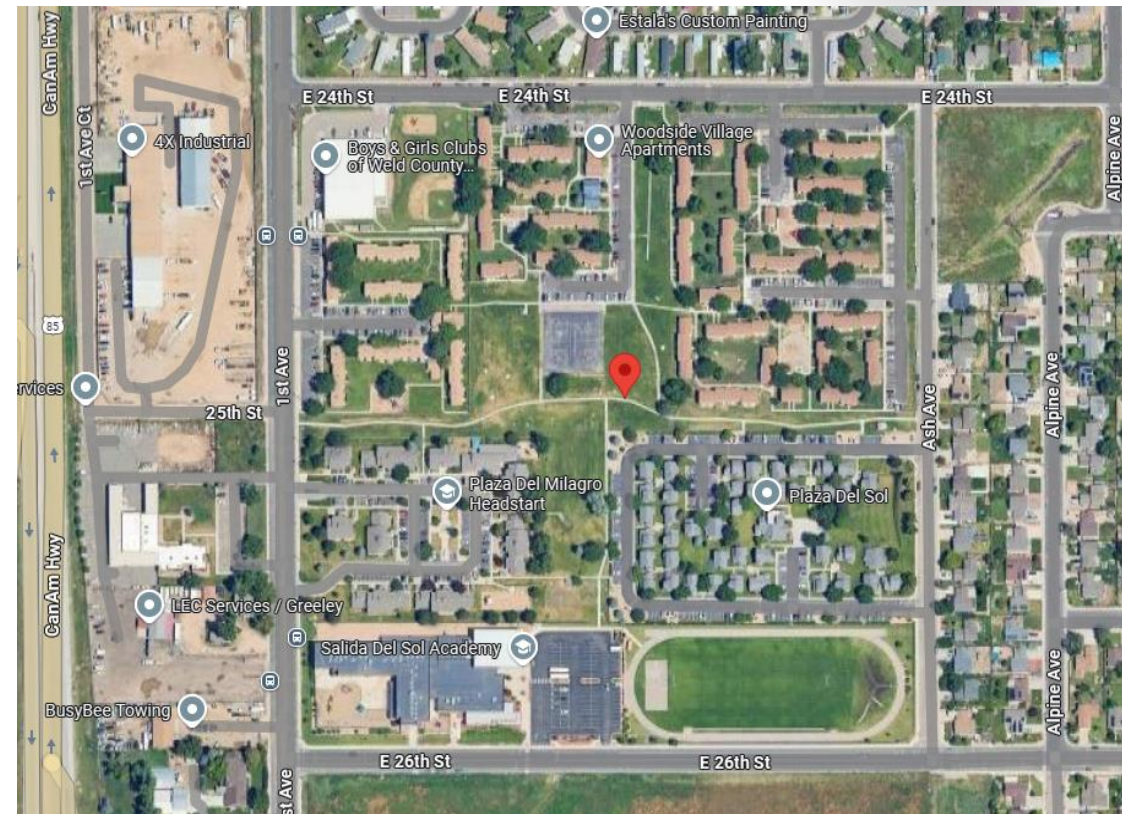


Delta Park Well Right & Augmentation Plan (25CW3017)

Goal: Irrigation of Delta Park neighborhood and replace out-of-priority depletions attributable to the well operations

- Well using groundwater trib. to South Platte River
- Augmentation plan to replace depletions
- Case is before the Referee
- 8 statements of opposition filed
 - 1 stipulation reached

This case is just getting underway, and Greeley will provide proposed decree and engineering to opposers this summer



Legal & Engineering Expenses

2025 Costs

Legal	\$ 110,772
Engineering	\$ 89,431.5
Total	\$ 200,203

This is 30% of the \$679,825 spent in 2024



Questions?



Water & Sewer Department

MEMORANDUM

TO: Greeley Water & Sewer Board
 FROM: Morgan Effrein, Water Resources Administrator II
 DATE: May 21st, 2025
 RE: First Triannual Water Court Update

This memorandum is a review of the Water and Sewer Department’s legal activities from January 2025 through April 2025. The review includes an update on Greeley’s current Water Court cases and a summary of the Water Resources Division’s legal and engineering expenses.

STATEMENTS OF OPPOSITION

Since the last update in January, Greeley has filed three new statements of opposition, has stipulated in eight cases, four of which were stipulations with opposers in City of Greeley’s case 22CW3042, change of Water Supply and Storage Company shares. As of May 6, 2025, the number of pending Water Court cases in which Greeley was an opposer is 22.

Stipulations filed:

Case	Applicant
20CW3011	Town of Johnstown
20CW3213	TH Ranch
23CW3138	Town of Eaton - Augmentation
23CW3084	City of Evans – Change of GLIC

Stipulations filed in City of Greeley Case:

COG Case	Opposer
22CW3042	Bijou Irrigation Company
22CW3042	Bijou Irrigation District
22CW3042	Colorado Water Conservation Board
22CW3042	State Engineer and Water Div 1 Engineer

GREELEY AS APPLICANT

SERVING OUR COMMUNITY • IT’S A TRADITION

We promise to preserve and improve the quality of life for Greeley through timely, courteous and cost-effective service.

A summary of pending Water Court cases in which Greeley is the applicant is as follows:

21CW3056 (City of Greeley, et al., Poudre River Instream Flows Augmentation Plan)

On April 29, 2021, the City of Greeley filed a joint application with the Colorado Water Conservation Board, Colorado Water Trust, City of Fort Collins, City of Thornton, Northern Water, and the Cache la Poudre Water Users Association for approval of a plan of augmentation for instream flows in the Cache la Poudre River. The purpose of the augmentation plan is to preserve and improve the natural environment to a reasonable degree at various locations in the Poudre River from the Cache la Poudre at Canyon Mouth near Fort Collins gage to the confluence of the South Platte River. Greeley has proposed to include certain of its changed Greeley Irrigation Company shares in the plan. Twenty statements of opposition have been filed and one stipulation has been reached. This case has been re-referred to the water judge and is set for trial in October 2025. Greeley and the other applicants are continuing to work toward settlement with the opposing parties, and preparing for trial in the event that the case is not settled.

22CW3042 (City of Greeley Change of WSSC)

On March 31, 2022, the City of Greeley filed its application for the change of 23.917 shares in the Water Supply and Storage Company (“WSSC”). Greeley is changing the shares from irrigation to municipal, augmentation, and other uses. Greeley also seeks a plan for augmentation and water exchange project for the replacement of return flows from the native portion of the Subject Shares and an appropriation of such return flows. Greeley also seeks a conditional direct flow water right for replacement of return flows. Twenty-four statements of opposition were filed. Greeley has stipulated with 13 opposers and has made substantial progress toward stipulation with many of the remaining parties. Greeley is meeting with parties individually to discuss the remaining issues and work toward settlement and expect rebuttal expert disclosures July 2025.

25CW3017 (Delta Park Well Right and Augmentation Plan)

In February 2025, the City of Greeley has applied for a new groundwater right for its Delta Park Well, along with a plan to replace any water used when the well is out of priority. This new right, called the Delta Park Well Groundwater Right, would allow the City to use water from the well to irrigate the Delta Park neighborhood and nearby areas. Currently, the well is approved as an alternate source of water under an older court decree (Case No. W-7984-75), but its use is limited to about six acres at Delta Park. With this new application, Greeley aims to expand the use of the well to cover more acreage beyond the existing area. Seven statements of opposition were filed, and one agreement was reached with an opposer. This case is getting underway, and preparation of the proposed decree and engineering reports are expected this summer.

LEGAL & ENGINEERING EXPENSES:

The Water Resource Division’s outside legal and engineering expenses from January 2025 through April 2025 totaled \$200,203, which is 30% of the total \$679,825 spent in 2024.

2025 Water Resources Legal and Engineering Costs

<u>1st trimester</u>	
Legal	\$110,772
Engineering	\$89,431
<i>Total</i>	\$200,203
<u>2nd trimester</u>	
Legal	\$-
Engineering	\$-
<i>Total</i>	\$-
<u>3rd trimester</u>	
Legal	\$-
Engineering	\$-
<i>Total</i>	\$-
<u>Annual Totals</u>	
Legal	\$110,772
Engineering	\$89,431
Total	\$200,203



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Leah Hubbard, Deputy Director of Water Resources

Title:

Legal Report

Summary:

This report is provided by Dan Biwer, Senior Environmental and Water Resources Attorney.

Based on a review of the March 2025 Water Division 1 Resume, staff and legal counsel recommend the Water and Sewer Board authorize filing a statement of opposition by the end of May 2025 to the following water court application:

Case No. 25CW3036: This case concerns an application by the Ogilvy Irrigating and Land Company and Ogilvy Augmentation Company for a finding of reasonable diligence on a conditional surface water right for the Loloff Section 4 Ditch that was originally decreed in 1987. Staff and legal counsel recommend that Greeley file a statement of opposition in this case to more fully understand the applicants' plans to operate this right, and to ensure Greeley's water rights and interests in this stretch of the Cache la Poudre River basin remain protected from injury.

Recommended Action:

Staff and legal counsel recommend the Board authorize filing a statement of opposition in Case No. 25CW3036.

Recommended Motion:

"I move that the Board authorize filing a statement of opposition in Case No. 25CW3036 and for staff and legal counsel to seek resolution of issues raised by this case consistent with Water and Sewer Board Resolution No. 3, 2015."

Attachments:

None



Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Director's Report

Summary:

The Director will provide the Water & Sewer Board with a summary of water resource policy events, and an update on notable water utility activities. Update Items include the following:

Water Industry Education and Advocacy Events

South Platte Basin Roundtable

Tuesday, June 10th at 4:00 PM at Southwest Weld Co. Building

<https://southplattebasin.com/>

CU School of Law Conference on the Colorado River 2025

Thurs, June 5th and Fri, June 6th at the Wolf Law Building in Boulder, CO

Water and Agricultural Resources Committee (State Legislature)

June 30th at Colorado State Capital

Colorado Water Conservation Board - Interbasin Compact Committee Meeting (CWCB)

June 25th in Grand Junction Colorado

Water Congress Conference and Interim Water & Ag. Resources Committee

Aug. 19 - 21st In Steamboat Springs

<https://www.cowatercongress.org/conferences/>

South Platte Basin Roundtable Upper Basin Tour Montgomery Res Expansion

September 9, 2025 – Fairplay, CO

Colorado Water Trust River Bank – (Supporting Poudre Flows Program)

September 30, 2025 @ 5:30pm at Denver Botanic Gardens

<https://coloradowatertrust.org/events/>

Status update on DHS-FEMA Pre-disaster mitigation matching grant program Community Directed Spending application to Rep. Evans office

Neff Lake non-potable raw water system title corrections and closing update

Poudre Ponds: parcel B leak test and fill update

State Legislative Session Update and Summary from Colorado Water Congress

State Land Board / Terry Ranch Water Well Drilling Tour – June date TBD

Recommended Action:

None

Recommended Motion:

None

Attachments:

1. Directors Report
2. Orange Update
3. Board Meeting Charts



Directors Report Water & Sewer Utilities

May 21st 2025

Presented by:

Sean P. Chambers, Water & Sewer Utilities Director

Agenda:

May 21st, 2025



Agenda

1. Water Industry Education and Advocacy Events
2. Status update on DHS-FEMA Pre-disaster mitigation matching grant program
Community Directed Spending application to Rep. Evans office
3. Neff Lake non-potable raw water system title corrections and closing update
4. Poudre Ponds: parcel B leak test and fill update
5. State Legislative Session Update and Summary from Colorado Water Congress
6. State Land Board / Terry Ranch Water Well Drilling Tour – June date TBD

Purpose: To share relevant and timely information with Water & Sewer Board

Summer '25 Water Industry Events



South Platte Basin Roundtable

Tuesday, May 10th at 4:00 PM at Southwest Weld County Bldg.

CU School of Law Conference on the Colorado River 2025

Thurs, June 5th and Fri, June 6th at the Wolf Law Building in Boulder, CO

Water and Agricultural Resources Committee (State Legislature)

June 30th at Colorado State Capital

Interbasin Compact Committee Meeting (CWCB)

June 25th in Grand Junction Colorado

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Gold Hill 60” Potable Transmission Main Matching Grant

Seeking a new source of matching grant funds:

- Greeley was awaiting a contract for ~\$12.5M in BRIC Funds
 - FEMA BRIC program was cancelled in whole in early April
 - FEMA gave notice of termination to BRIC grants program in April (Building Resilient Infrastructure and Communities) and terminated funding
- 8th Congressional District Staff, confirmed that Rep. Evans has submitted Greeley’s Gold Hill Project as one of their Community Directed Spending requests.
- Letters of support from Mayor Gates, Weld Co. BoCC, North Weld Co Water District, Town of Evans, Town of Milliken, Noosa, Leprino Foods, CO Dept. of Natural Resources and CO Dept. of Homeland Security and Emergency Management (DHSEM)

New this year!

PDM Resilient Infrastructure Funding

PRE-DISASTER MITIGATION (PDM) GRANTS provide competitive funding for...



STATE



LOCAL



TRIBAL

...government projects that reduce their communities' risks from natural hazards.

One way PDM grants reduce risk is through

Resilient Infrastructure Projects

A new opportunity for the 2018 grant application period



During the FY 2018 funding period, FEMA will award the highest ranked Resilient Infrastructure subapplicants up to **\$10 million Federal cost share.**



Resilient Infrastructure projects may include those that help communities mitigate damage from many types of natural hazards.



FLOOD



EARTHQUAKE



WIND



WILDFIRE



DROUGHT



FEMA

Raw Water Pipeline Purchase Update:

Neff Lake Raw Water System Purchase Diligence, Title Work & Closing Update

- PSA Diligence:
 - Previous amendment to provide 2 additional weeks for title and operations diligence
 - Notice of extended resolution period deadline provided on 4/25; and
 - Additional time is needed to clean up title issues – looking at 120-day extension
- Cash Payment of \$1.5M down at closing and \$1M/yr. for 9 yrs
- Non-Monetary Leases that create value for Laramie
 - 10 Yr. leaseback of pipeline for Laramie's use (2025 – 2034)
 - 10 Yr. lease of 1,000 Acre Feet (AF) of excess water
 - Source of supply at Greeley's sole discretion



Poudre Ponds Update

Parcel B: (south pit) slurry wall leak test required before using for lined water storage

Parcel A: (north pit) mining while drawn down for the Pond B leak test

- River Bank armoring work – Dec. – Feb.

Images: Poudre Ponds and Martin Marietta pits



2025 – State of CO Legislative Session

Colorado Water Congress, State Affairs
Committee Report on Bills with a Water,
Agricultural and Local Government Nexus



Tour Opportunity:

State Land Board (Terry Ranch) Groundwater Well Drilling

Staff coordinating a tour for early to mid-June to update interested Board members on the well drilling work under the State Land Board groundwater lease rights



Questions?

Thank you





The Session from 30,000 feet

Colorado lawmakers studied, argued about, horse-traded, amended and voted on 657 bills during the 2025 legislative session, more formally known as the “First Regular Session of the Seventy-Fifth General Assembly.” But in a year of historic budget challenges, the most important of those bills was SB 25-206, the annual long appropriations bill. It balanced a 2025-26 budget that – depending on whom you asked and when you asked them over the last year – faced a possible shortfall of up to \$1 billion (The long bill couldn’t do it alone – about 80 other bills were needed to make the changes necessary to balance next year’s budget).

The other key theme of the 2025 session was what might be called “building a blue wall.” A batch of bills on subjects as varied as elections, reproductive rights, transgender protections, immigrant civil rights and funding for the attorney general can be seen as an effort by the legislature’s Democratic majority to resist policy changes imposed by President Trump’s administration, shield Colorado from reproductive rights overreach by attorneys general in red states and generally inoculate the state against Republican policies.

Another issue that had a high profile this session was the issue is unionization. SB 25-005 proposes to reduce the number of worker elections that are required for recognition of a union at a particular business. Gov. Jared Polis and business interests opposed the bill, but negotiations on a compromise stalled, and lawmakers passed the bill as-is in the sessions closing days. A veto by Gov. Polis appears likely.

Along the way, other major issues included:

- Artificial intelligence – Gov. Jared Polis, Attorney General Phil Weiser and the industry wanted changes in an AI law scheduled to go into effect next year, but lawmakers couldn’t reach agreement. Last minute efforts to delay implementation failed, driving major drama and may result in a special session.
- Guns – As always with Democrats in the majority, control gun bills were on the agenda. But the major bill, which sought to restrict access to semiautomatic weapons, required substantial amendment to pass.
- Housing – Democrats made a major push on tenant rights legislation. They passed some key bills but others fell short.
- Ride share safety – A bill intended to impose more controls on companies like Uber and Lyft raised major opposition but passed after significant amendments.

- TABOR - A group of progressive House Democrats pushed a resolution that would have allowed the legislature to file suit challenging the constitutionality of the Taxpayer's Bill of Rights. But Democratic leadership didn't bring it to a floor vote.

Influence of Budget on Legislation

Months before the 2025 legislative session convened, warning signs were flashing that there wouldn't be enough available General Fund revenue to pay for state obligations in the 2025-26 budget. In their June 2024 revenue forecast legislative economists warned the shortfall could be \$576 million. When the September forecasts came around, legislative staff were forecasting a shortfall of \$920 million. And their counterparts in the executive branch Office of State Planning and Budgeting said it could be \$1 billion or more.

By the time Gov. Jared Polis unveiled his budget plan last Nov. 1, his economists had dialed the gap back to \$638 million – and they had a plan to cover that. From then to now there's been a lot of loose talk that \$1 billion or even \$1.5 billion in budget cuts had to be made, depending on which legislator you listened to or which statehouse reporter you read. The Governor's Budget request attacked the dilemma by sweeping accumulated interest from various cash funds held in State agencies as well as transferring money among programs.

The Joint Budget Committee (JBC) continued this trend, asking agencies for cuts to their budgets, although most consisted of reduction in planned increases rather than actual cuts in funding. The problem was not a shortage of dollars, but the constitutional authority to spend those dollars. The Taxpayer Bill of Rights (TABOR) limits increased spending to a formula based on population growth plus an inflation factor; however, some caseload—driven programs saw costs growing faster than the formula allows. This led to the introduction of House Joint Resolution 25-1023 directing for the Office of Legislative Legal Services to hire counsel to pursue legal action to determine whether TABOR is, in fact, constitutional. Ultimately, this controversial measure never moved forward through a vote of the full House. (Members may have become increasingly sensitive about the optics of trying to overturn the will of the voters.)

Other TABOR “work-arounds” included legislation creating TABOR-exempt Enterprises that collect fees to operate specific programs, reliance on the usual “gifts grants and donations”, and establishing programs with implementation delayed to years outside the budget cycle. However, this may provide little benefit since JBC staff has warned that the budget constraints are likely to remain for up to five years. These budget issues were top of mind for legislators in the 2025 legislative session and bills with fiscal notes were not able to advance or were very seriously considered. That said, fewer bills were killed in Appropriations committees than anticipated at the beginning of the 2025 session.

Once again, the Severance Tax Fund (both State and Local funds) were tapped to provide support for a variety of programs outside their designated purposes. Declining severance tax revenues and their importance in funding the state Water Plan resulted introduction of SB 25-040 to form a Task Force and hire a contractor to examine severance tax and alternative means

of funding water needs. The study must also look at ways to avoid transfer of severance tax to the General Fund and ways to repay funds previously transferred to backfill the General Fund.

Now the dust has settled, the 2025-26 long bill has been signed and dozens of its companion bills all have passed. And next year's budget is larger than the 2024-25 budget, with increases for major programs and departments such as Medicaid, K-12 education, Early Childhood, courts and corrections and some others. The operating budget package proposes \$46.52 billion in total spending, including \$16.92 billion General Fund, \$12.73 billion cash funds, and \$13.94 billion federal funds.

Focus on Water Bills Identified by State Affairs

Bills appearing on the CWC Status Sheet were selected for discussion by the State Affairs Committee in their Monday meetings. Many of these were identified by CWC staff and lobbyists, others were flagged by State Affairs members as having potential impact on either water itself or on the entities that provide water for beneficial use. After bills were discussed, members selected some for action (support, oppose, amend, monitor). Even bills that did not receive a motion for action remained on the status sheet to provide information to other members who might still be interested in a topic.

The State's budget situation resulted in some bills failing to move forward beyond their original committee of reference or killed early in the session; some languished in Appropriations until near end of session. Many bills were not resolved until the final days due to the need for the Long Appropriations Bill to be enacted before moving forward.

Bills Supported .

HJR 25-1004. Project Eligibility List. This is the annual list of projects approved as eligible for funding by the State Water Pollution Control Revolving Fund and the Drinking Water Revolving Fund. Signed into law.

HB 25-1009. Vegetative Fuel Mitigation. The bill allows a fire protection district and certain metropolitan districts to establish a program upon adoption of rules that requires the removal of vegetative fuel on private property. Enforcement includes the ability to levy fines against the property owner. Signed into law.

HB 25-1014. Efficiency Measures Div. of Water Resources. This DNR bill streamlines abandonment procedures, dividing the list into two phases. It also allows the holder of a conditional well permit two years to construct the well and put the water to beneficial use. Additional time is also provided to notify the Division of construction and beneficial use from bedrock aquifers. Other streamlining measures are included. Signed into law.

HB 25-1077. Installation and Testing of Backflow Devices. The bill was introduced to correct changes made in 2024 that limited installation and testing of backflow devices to licensed plumbers. This bill allows such devices to be tested and repaired by certified cross-connection

control technicians. Both licensed plumbers and certified cross-connection control technicians must identify the name of the individual providing the service and the date of service on a tag affixed to the device. Signed into law.

HB 25-1115. Administration of Water Supply Measurement Program. This DNR bill centralizes snowpack measurement and water supply forecasting functions administered by the Colorado Water Conservation Board. Signed into law.

HB 25-1165, Geologic Storage Enterprise & Geothermal Resources. State Affairs members supported this bill which came from the Dept, of Natural Resources. It was designed to establish a mechanism to collect fees and regulate the injection of CO2 into underground structures; to add new responsibilities to the Board of Water Well Construction Contractors and rename the Board accordingly, and to further delineate the authority of the State Engineer with regard to approval of geothermal wells. The bill passed both House and Senate

HB 25-1311. Sports Betting Revenues. Sports betting companies have previously been allowed to deduct the tax on two “free” bets per individual offered to incentivize continued engagement by the gambling public. This bill reduces that deduction in two steps. After administrative expenses are paid, the additional revenue should benefit the state Water Plan. The bill passed both chambers.

HB 25-1318. Species Conservation Fund. This bill transfers \$5 million from the Species Conservation Fund in DNR to be used for 1) Upper Colorado River Endangered Fish Recovery Program 2),Selenium Management, Research, Monitoring, Evaluation, and Control; 3) Native Terrestrial Wildlife Conservation; and 4) Native Aquatic Wildlife Conservation. The programs are designed to conserve native species that are threatened or endangered under state or federal law, or are likely to become candidate species as determined by the U.S. Fish and Wildlife Service. This reflects an annual appropriation for specific programs dependent on money available in the fund which was generated by severance tax. Passed both chambers.

SB 25-007. Increase Prescribed Burns. This bill tried to incentivize increased prescribed burning for wildfire mitigation conducted by certified burners to rules. The bill establishes a fund supported by \$250,000 from the General Fund and gifts, grants, and donations to compensate for damages from the burn. The bill also clarifies that utilities can issue Colorado Energy Impact bonds to cover costs to mitigate the effects of extreme weather, wildfires, climate change, or other hazards. These bonds and any mitigation program or project are subject to approval by the Public Utilities Commission. Passed both chambers.

SB 25-054. Mining Reclamation and Interstate Compact. As recommended by the Water Resources and Agriculture Review Committee, this bill establishes a streamlined program to encourage removal of water rock from legacy mine sites in order to reduce the likelihood of minerals impacting water sources. The bill also modified the financial warranty posted by mining operators and authorizes the state’s full participation in the Interstate Mining Compact and Commission. Passed both chambers.

SB 25-283. CWCB Annual Projects Bill. The bill appropriates \$53,980,000 from the CWCB Construction Cash fund and the Water Plan Implementation Cash Fund to the Dept. of Natural Resources, along with \$500,000 to the Dept. of Agriculture for a variety of water-related projects approved by the CWCB. Passed both chambers.

SB 25-305. Water Quality Permitting Efficiency. Sponsored by the Joint Budget Committee and introduced very late in the session, this bill establishes efficiency practices to encourage the Water Quality Control Division to move permit applications through the review and approval process more quickly. It requires the Division to report on department prioritization and inspection. establish a time frame for processing permit applications, including a brief period of public review; and consider local government financing of water infrastructure when developing schedules of compliance. As further evidence of the JBC's concern about reducing permit backlog, it includes the division's funding in the bill to support the requested personnel. Passed both chambers.

Bills Opposed

HB 25-1106. Remove Limitations on Precipitation Collection. The bill would have removed the 100 gallon limits on the amount of rooftop precipitation that can be collected and would allow use for both indoor and outdoor including for drinking. The bill was killed at the sponsor's request.

HB 25-1286. The bill established a complex program of requirements for employers to protect all employees working in "extreme temperatures" whether indoors or outdoors. The bill was killed at the request of sponsors, but at least one sponsor has vowed to bring the measure back in a future session.

Bills Recommended for Amendment

HB 25-1113 Limit Turf in New Residential Development. The bill builds upon legislation over past two years that seeks to conserve water by limiting use of outdoor water by limiting the installation of turf grasses unless they are modified for a dry climate. Previous legislation prohibited "non-functional turf" in commercial settings and along streets; this bill expands limitations to new residential development, requiring local governments to take action to adopt limits, providing significant flexibility in how limitations are established. State Affairs members urged amendment to clarify that only local governments with land use authority must comply. Signed into law.

HB 25-1211 Tap Fees Imposed by Special Districts. This bill places additional limitations on tap fees charged by the board of a sanitation district, water and sanitation district or water district. State Affairs members expressed several concerns with this bill and developed a subcommittee to thoroughly discuss the bill. The subcommittee agreed to advocate for a carve out for existing contractual obligations as well as a small district carve out and changing the term "capacity" to "ability." CWC along with our members advocated for these changes in both chambers and

ultimately the Sponsors agreed to some carve out for existing contracts and term changes but not to a small district carve out. Sent to the Governor.

SB 25-280, Data Center Development & Grid Modernization Act. State Affairs members expressed concern that the bill did not sufficiently address water usage. Amendment language was recommended by a member which we discussed with bill proponents and sponsors. Specific recommendations were to condition certification of a data center project upon water availability and a water management plan approval by the water service provider. Although both proponents and sponsors agreed to include our language, the bill ultimately failed to move forward from Appropriations Committee during the final days.

Miscellaneous Bills Awaiting Further Action

State Affairs members engaged in significant discussion on several bills that ultimately were meet the threshold for action. These bills will see continued discussion through work groups throughout the Interim.

HB 25-1323. Division of Parks and Wildlife Outdoor Recreation would have clarified that the division of parks and wildlife in the department of natural resources (division) is the primary entity responsible for outdoor recreation management and infrastructure planning in the state. State Affairs members thought this bill too broad and introduced too late in the session, with potential impacts on water and access over private land; therefore, it should be deferred pending more extensive discussion. The bill was killed but may reappear as part of an Interim process.

HB 25-1332. State Trust Lands Conservation and Recreation Work Group. This was another bill introduced by the Dept. of Natural Resources late in the session that establishes a Study Group to examine the current and future use of State Trust Lands, emphasizing the roles of conservation and recreation. State Affairs members noted that existing leases should remain unaffected and historic uses should be maintained in future leasing. Recommendations were made to the sponsors that resulted in additional user categories be represented among Study Group members. The bill passed both chambers.

HB 25-1334. Condemnation Authority of Certain Special Districts. The bill specified that the powers of eminent domain and dominant eminent domain granted to metropolitan districts and water and sanitation districts in the act do not authorize the exercise of the power of dominant eminent domain to acquire state-owned property or the property of a home rule city, town, city and county, or county. State Affairs members expressed concern over the complexity of the bill with potential impacts on water projects introduced so late in the session. Proponents agreed to kill the bill and pursue discussions with stakeholders during the Interim convened by the Special District Association.

Parting Thoughts With Adjournment sine die less than a week behind us, whisperings of a special session are growing louder to address unresolved issues that include 1) Artificial Intelligence (AI) and 2) Medicaid Funding. And, although most legislative Interim committees are suspended for budgetary reasons, the Water and Agricultural Resources Committee will be meeting as follows:

June 30	Agenda	State Capitol
August 20	Agenda	Steamboat Springs - Colorado Water Congress
September 16	Agenda	State Capitol
October 29	Agenda	State Capitol

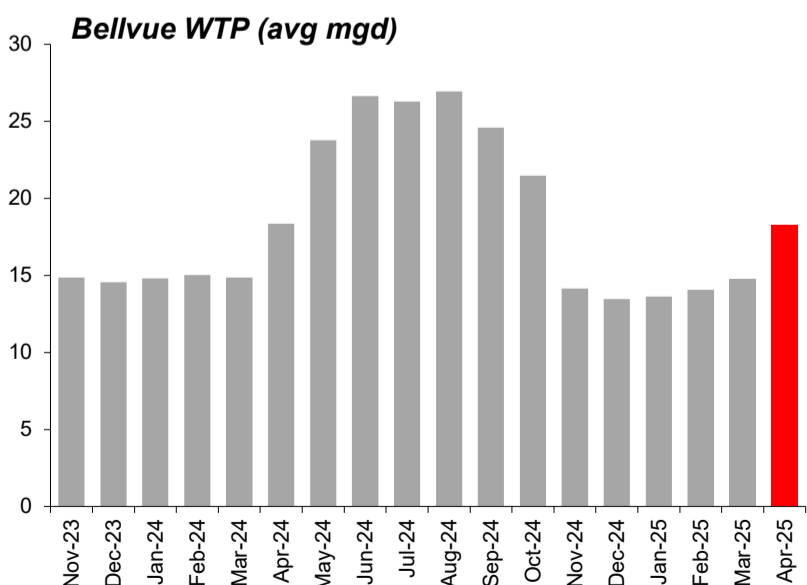
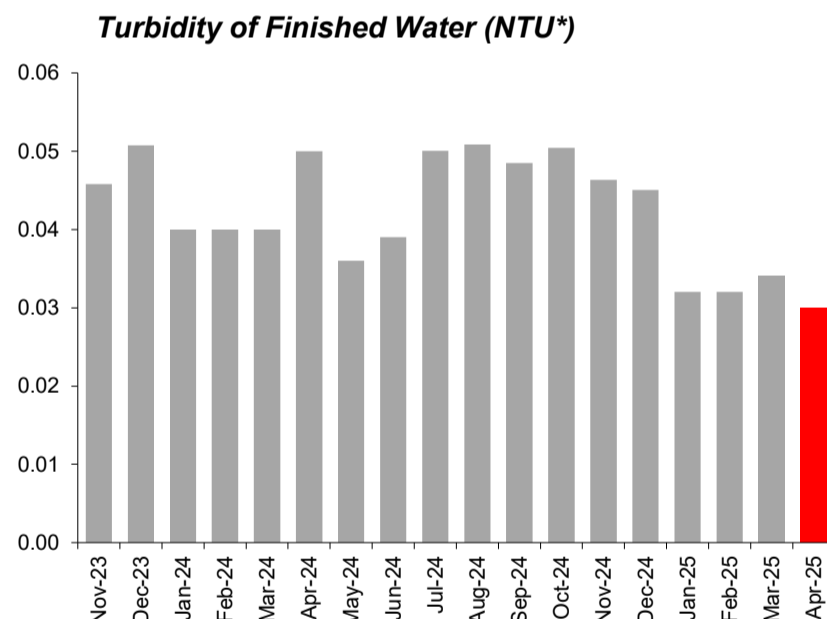
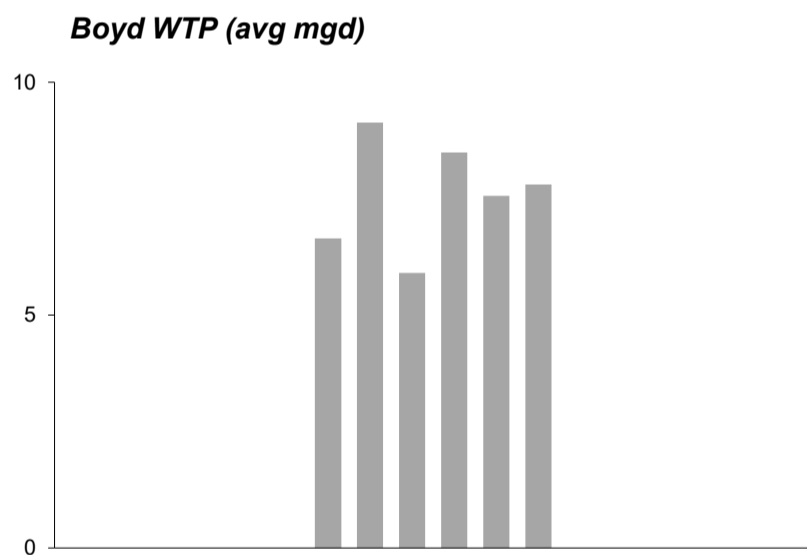
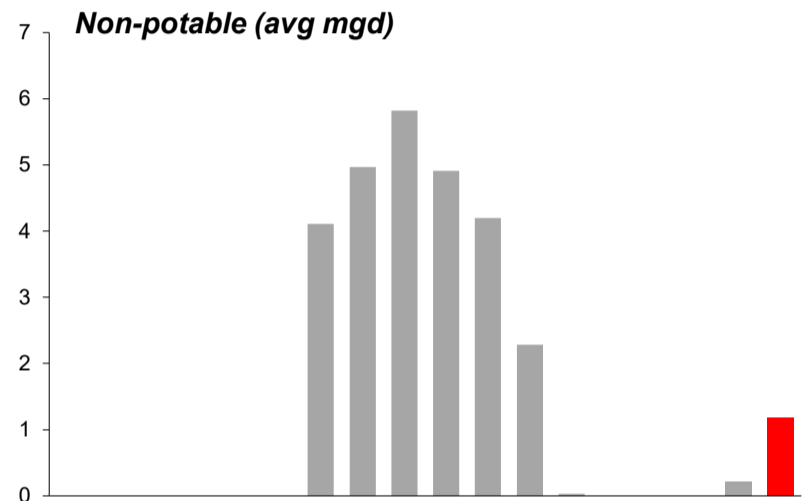
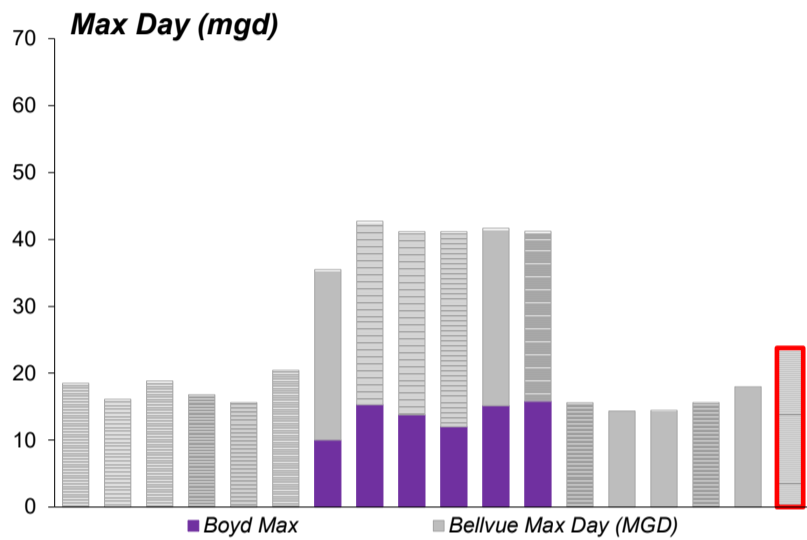
See you Soon!

Water Treatment

Bellvue Water Treatment Plant operates year-round with a transmission capacity of 29.1 million gallons per day (mgd) (plant capacity is 32 to 35 mgd). Water sources include Poudre River direct flows, Colorado-Big Thompson (C-BT), Windy Gap, High Mountain Reservoirs, Laramie-Poudre Tunnel, and Water Supply and Storage. Average volume is 19,000 acre-feet a year (2000-2011). The plant was built in 1907, with its last treatment upgrade in 2009. Solar panels were added in 2014.

Boyd Water Treatment Plant operates normally from April to October with a plant capacity of 38 mgd (transmission capacity is 40 mgd). Water sources include Greeley-Loveland Irrigation Company, C-BT, and Windy Gap. Average Volume is 8,200 acre-feet (2000-2011). The current plant was built in 1974, with its last treatment upgrade in 1999. Solar panels were added at Boyd in 2014. In 2016, tube settlers and platte settlers were replaced in the sedimentation basins. In 2018, all old existing chemical lines were replaced with new lines and the piping was up-sized to carry more chemical. A PLC upgrade was done on the SCADA system. Sludge pumps were replaced and hooked into the Trac Vac system that pulls sludge out of the sedimentation basins.

Combined, Bellvue and Boyd can treat a maximum of 70-73 million gallons per day.



Starting May 2016 Bellvue turbidity measurements will use a new method resulting in more accurate readings.

*Turbidity limit: 95% of samples must be below 0.3 NTU.

Turbidity is the measure of relative clarity of a liquid. Clarity is important when producing drinking water for human consumption and in many manufacturing uses. Turbidity is measured in Nephelometric Turbidity Units (NTU).

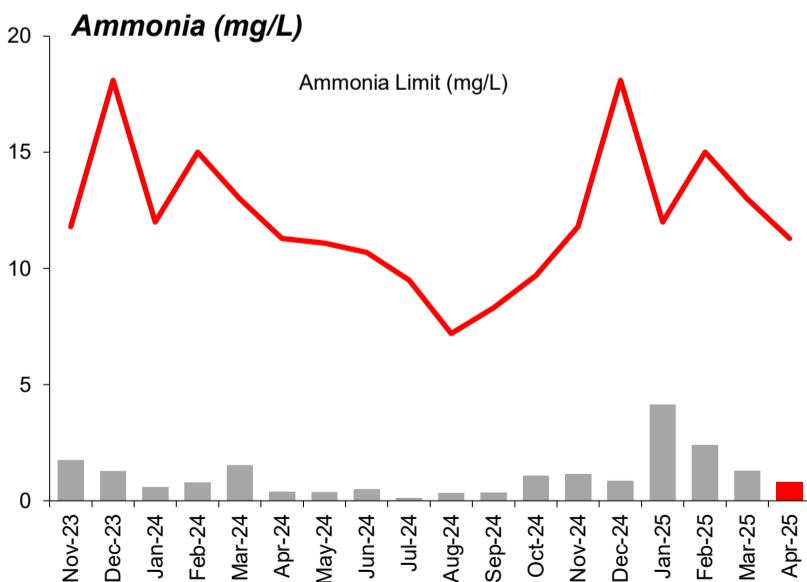
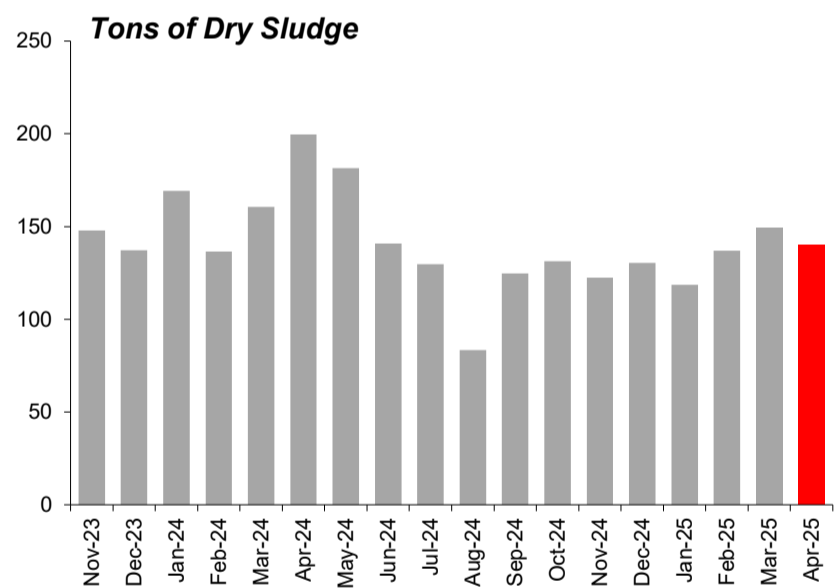
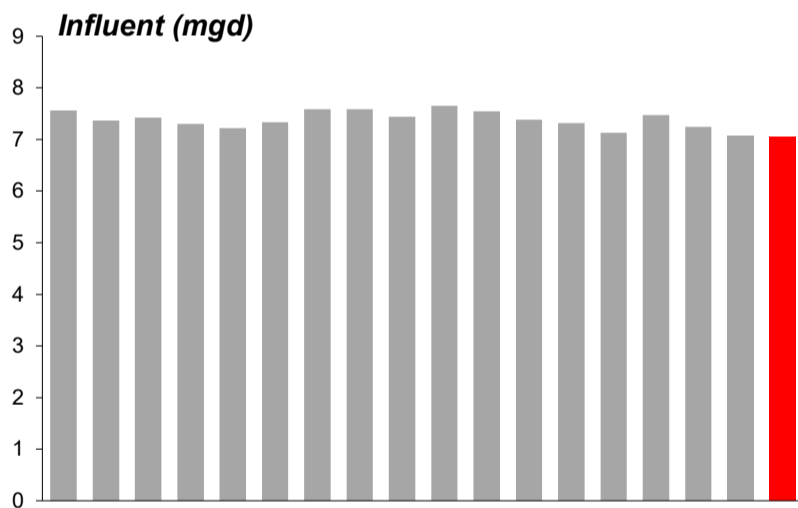
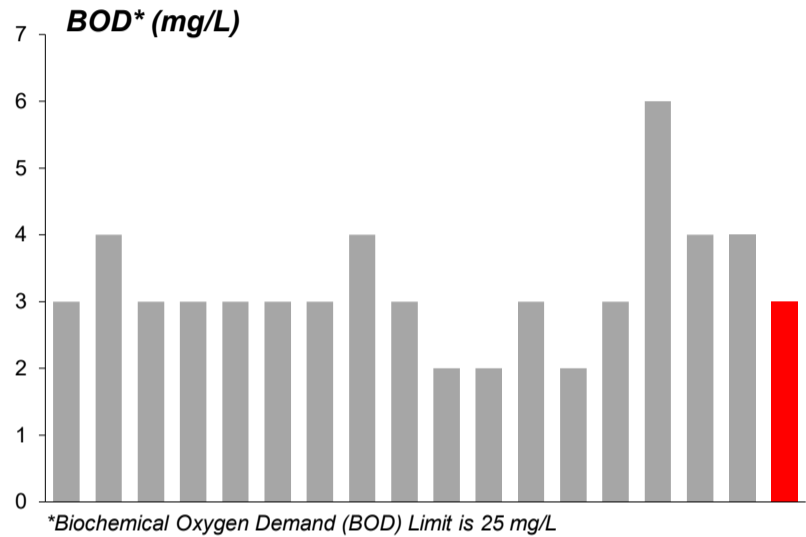
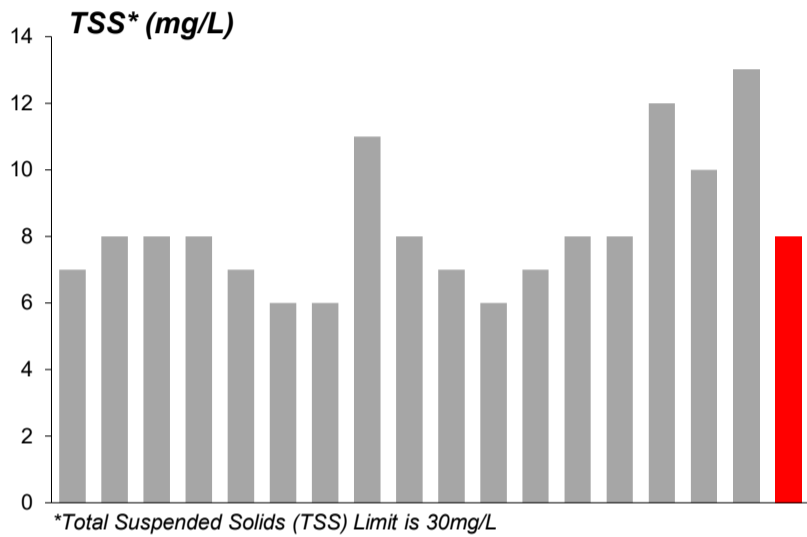


Wastewater Treatment

The Water Pollution Control Facility (WPCF) staff are dedicated environmental professionals who provide quality, safe and cost-effective wastewater treatment services for the citizens of Greeley. The WPCF treats wastewater to meet or exceed Environmental Protection Agency (EPA) and Colorado Department of Public Health & Environment requirements.

In 2011, the WPCF received an Xcel Energy Custom Efficiency Achievement Award for saving 2.78 million kWh and reducing CO2 emissions by 1,584 tons. In 2012, the WPCF received the Rocky Mountain Water Environment Association's (RMWEA) Sustainability Award for Colorado demonstrating excellence in programs that enhanced the principles of sustainability. A Certificate of Achievement from the Colorado Industrial Energy Challenge program managed through the Colorado Energy Office was received in the same year. In 2013, the plant received the City of Greeley's Environmental Stewardship Award for outstanding efforts to reduce energy (watts), conserve energy and water, reduce air and water pollution, and educate and encourage others to be environmental stewards. Also, in 2013, the plant was the recipient of a Bronze Award from the Colorado Environmental Leadership Program. In 2015, after having 5 years without a plant violation, the plant received the 2015 National Association of Clean Water Agencies (NACWA) Platinum Peak Performance award for the City of Greeley Water and Sewer Department.

Note: the red column indicates the current month.



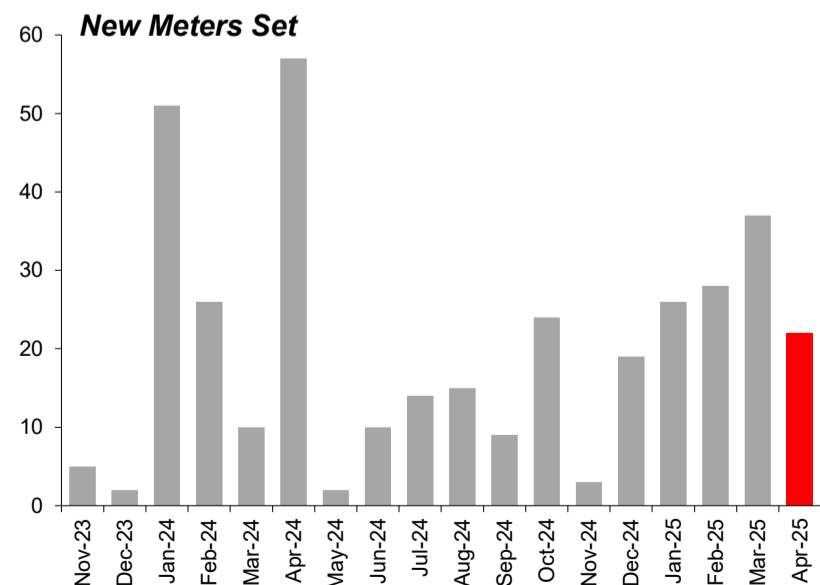
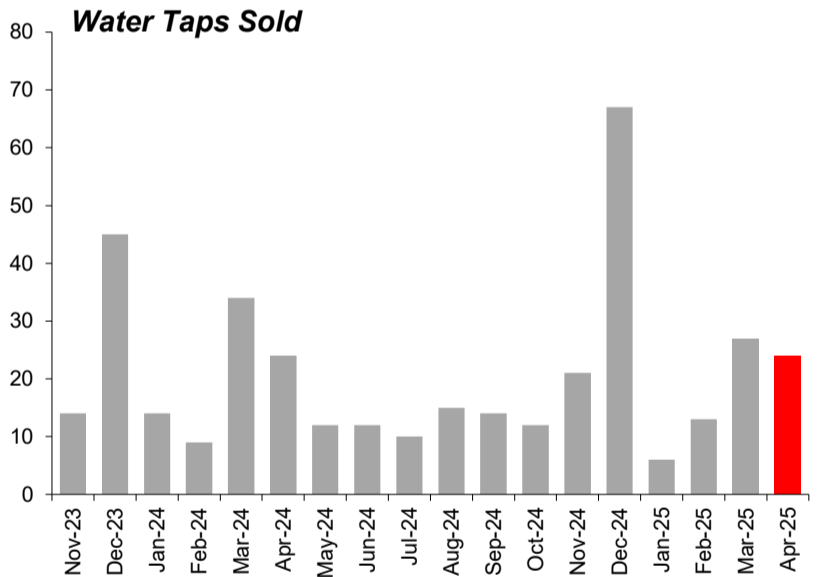
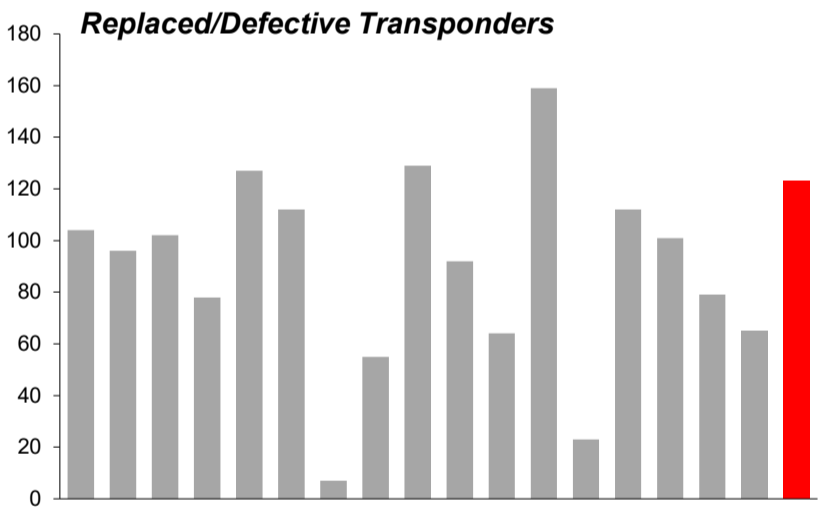
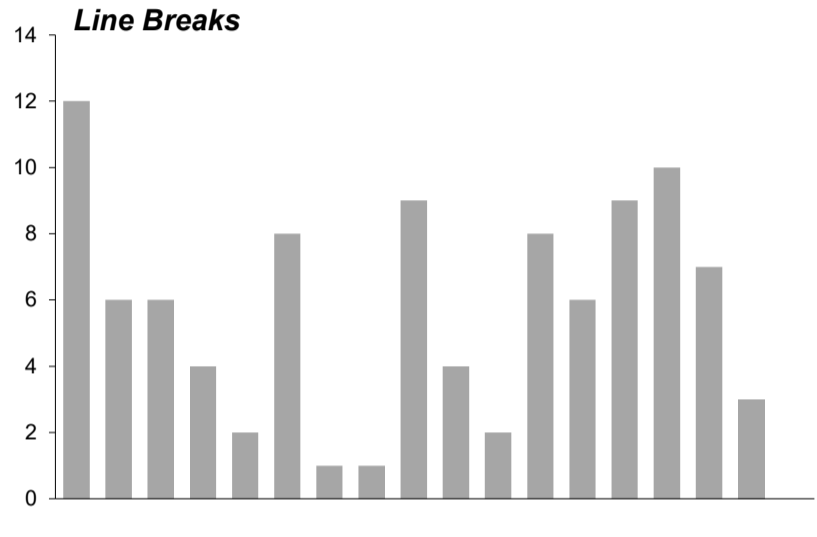
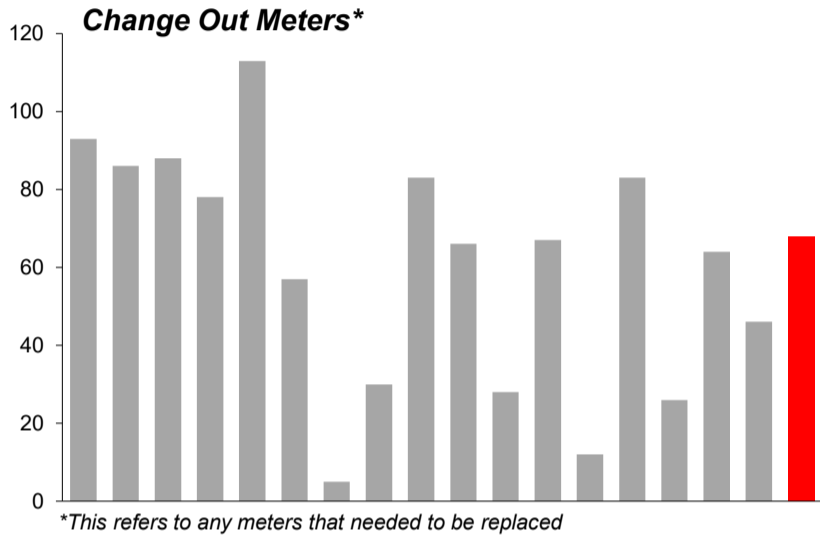
Water Distribution

The Greeley water distribution system consists of various sizes of pipes that generally follow the streets within the City. The distribution system serves residences and businesses in Greeley, Evans and Garden City, and the system is divided into four pressure zones.

There are 69.75 million gallons of potable water storage in Greeley. The water is stored within three covered reservoirs and one elevated tank; 23rd Avenue - 37.5 million gallons, Mosier Hill - 15 million gallons, and Gold Hill - 15 million gallons. The system also has 476 miles of pipeline, 24,233 water meters and 3,378 fire hydrants.

The water pipes in the distribution system vary in size from 4" to 36". Pipe material is steel, ductile iron, cast iron, or polyvinyl chloride. The age of the pipes varies from the 1890's to new installations.

Note: the red column indicates the current month.



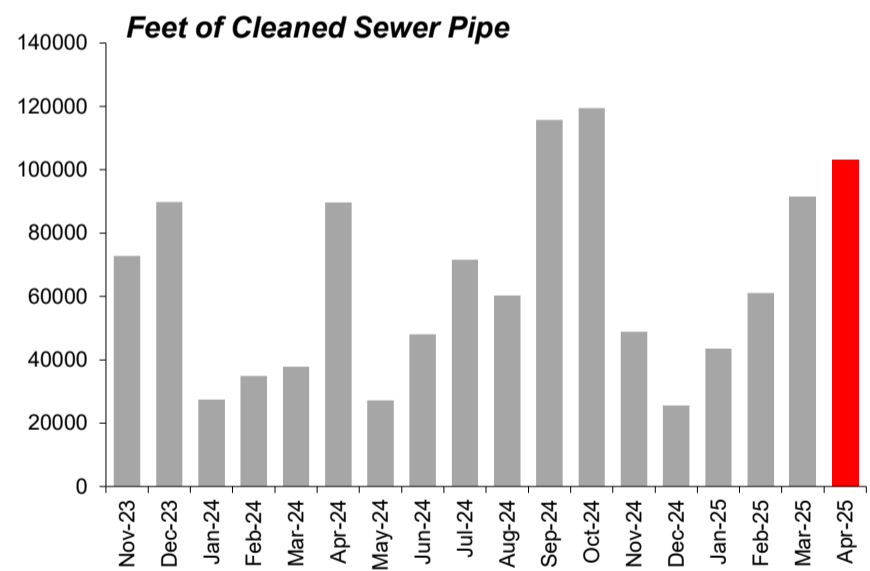
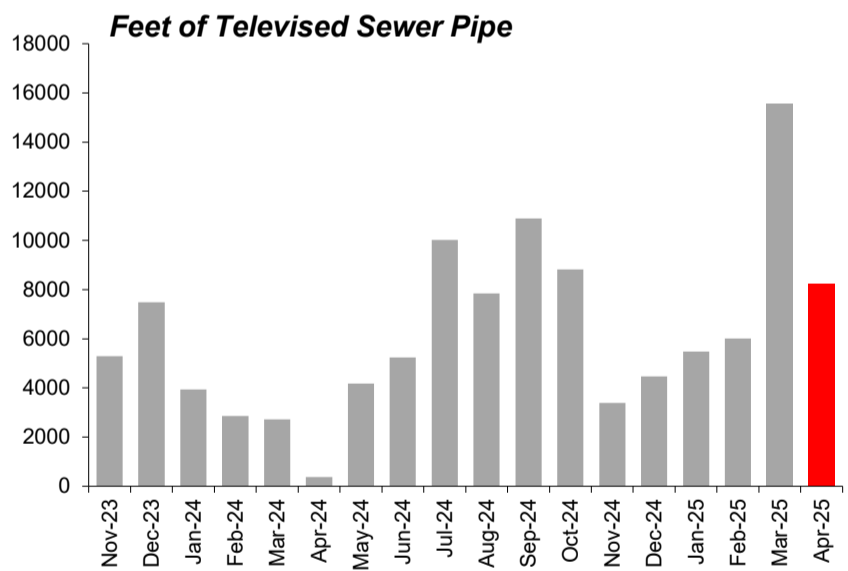
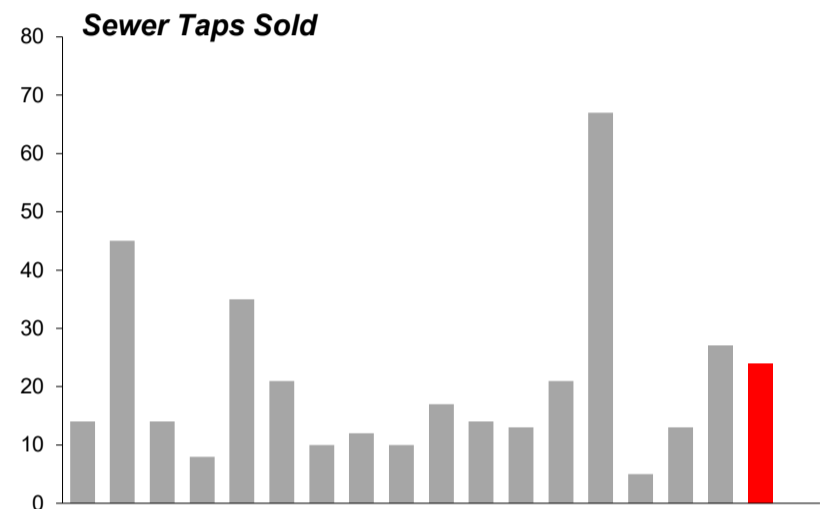
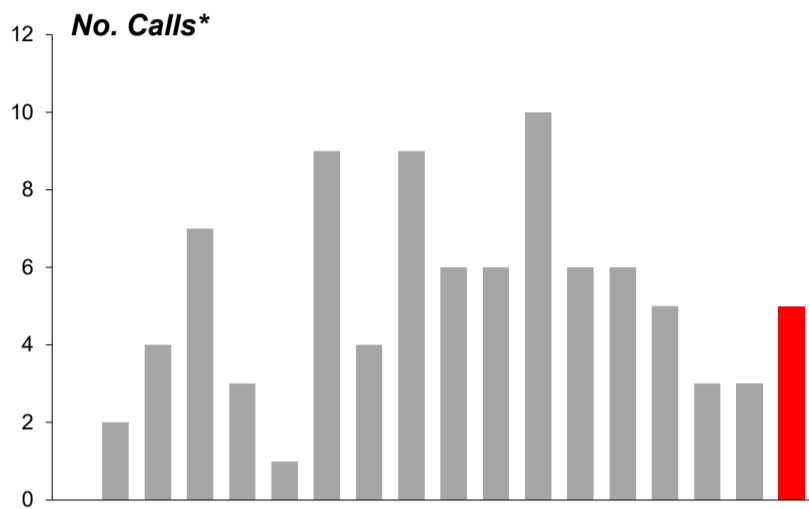
Wastewater Collection

The mission of the Wastewater Collection Division of the Water and Sewer Department is to protect community health by transporting wastewater away from homes and businesses. This includes respecting property values and public safety by reducing the frequency of blockages in the sanitary sewer lines.

A wide variety of work is performed including routine cleaning of sewer lines, inspection of sewer lines, maintenance of the sewage pumping stations, rehabilitation of the system and responding to emergencies.

The wastewater collection system dates back to 1889. At the end of 2017, the system had a total of 364.8 miles of line and 10 sewage pumping stations. The sewer service area is approximately 51 square miles. Over the last 10 years, the system has grown by 17 miles.

Note: the red column indicates the current month.

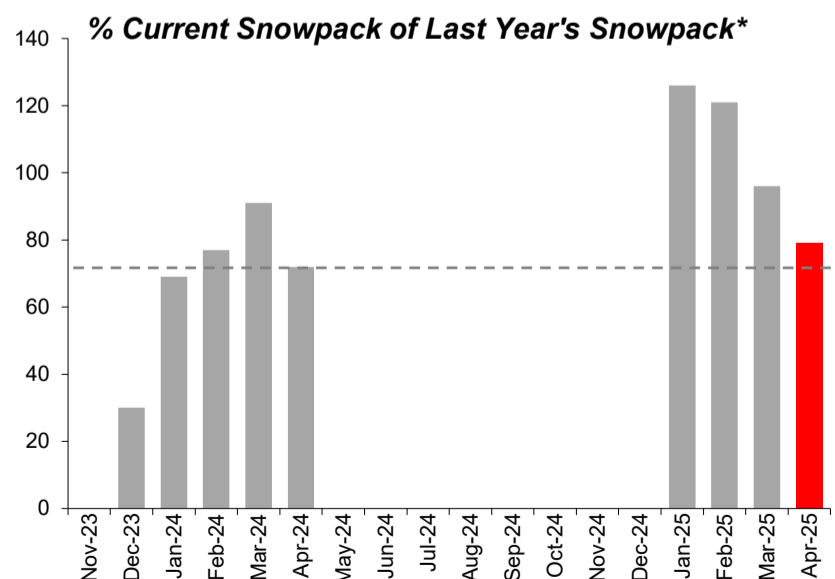
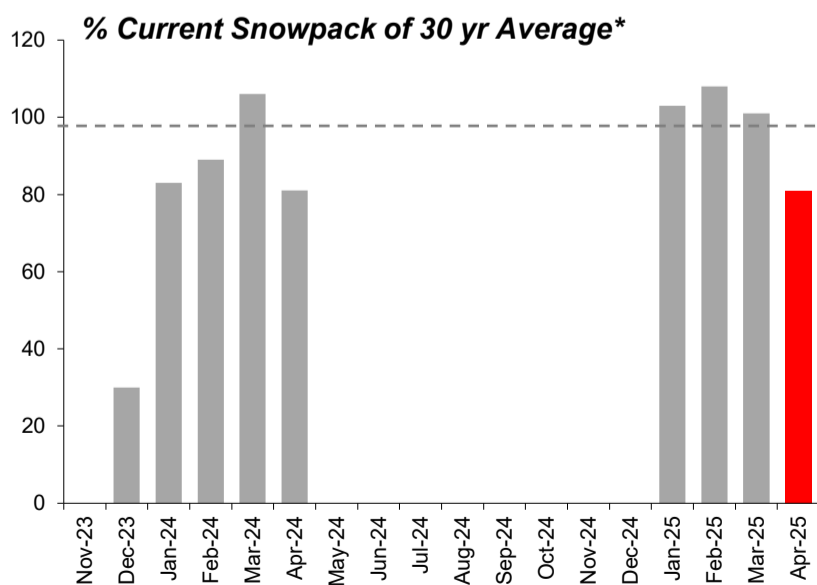
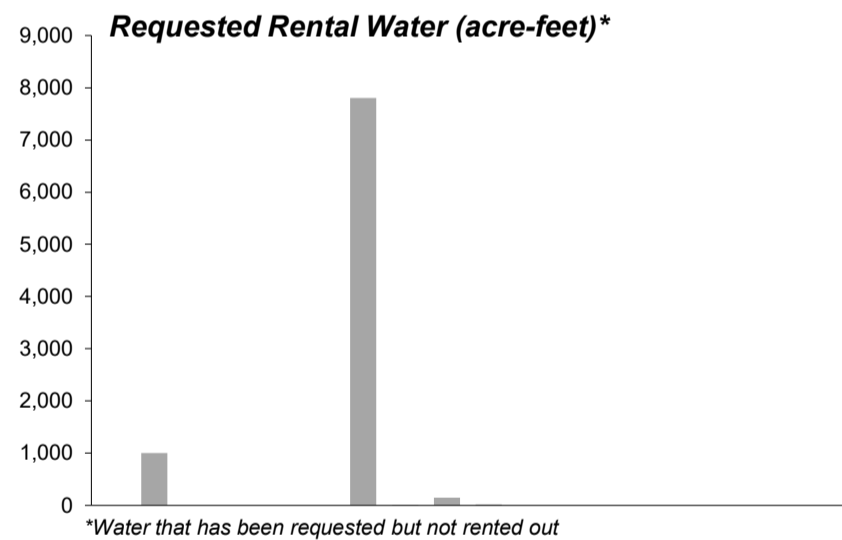
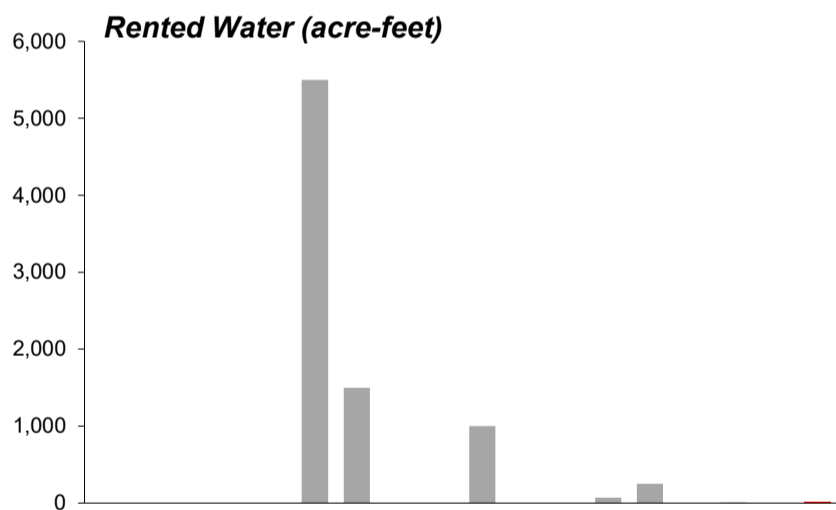
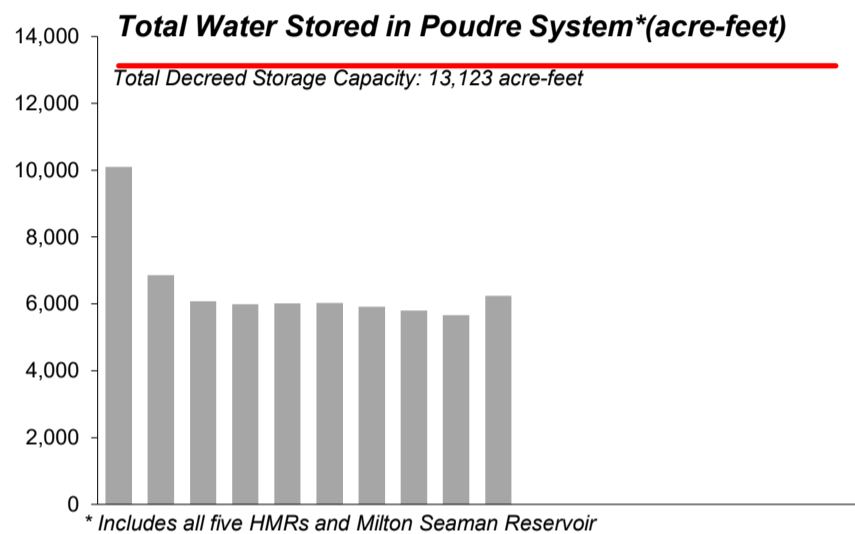
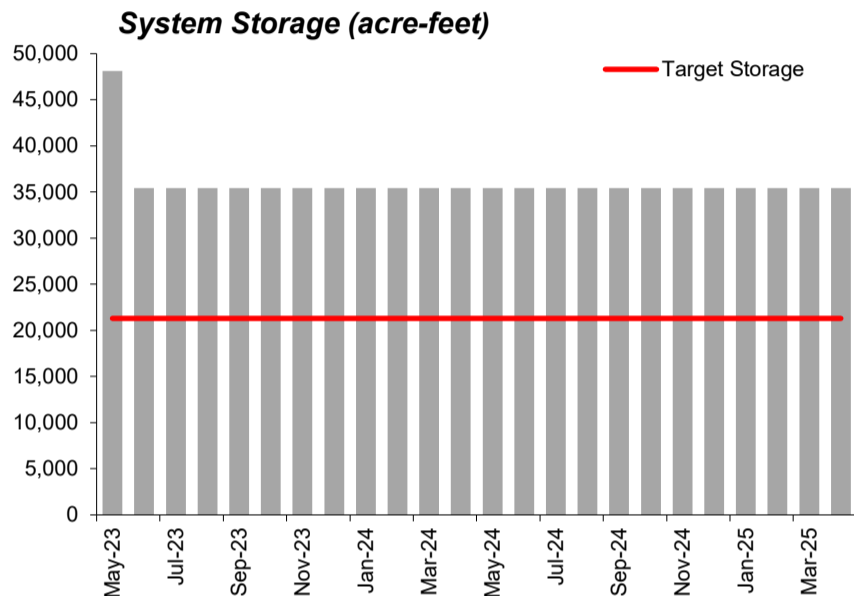


Water Resources

Greeley has numerous water rights in four river basins; the Upper Colorado River, Cache La Poudre, Big Thompson and Laramie River. The Water Resource staff must account for all of this water and comply with the rules of the Colorado Water Court and the State Engineer's Office which is in charge of allocating all of Colorado's water resources. Approximately one-third of the City's water supply comes from agricultural water rights. These water rights must be formally changed to municipal use by a special legal process through the Water Court. In this court, Water Resource staff and attorneys also defend the City's water rights against adverse claims from other parties.

Greeley's goal is to have enough water in carry-over storage to sustain Greeley through a 50-year critical drought. Water in excess of this carry-over drought supply can be leased to agriculture, both for revenue and to support our local agricultural community. Modeling has shown that, given existing population and demand factors, Greeley will have sufficient water for citizens, if at the beginning of the 6-year long, 50-year critical drought, there is 20,000 acre-feet in storage on April 1st of the following year.

Note: the red column indicates the current month.



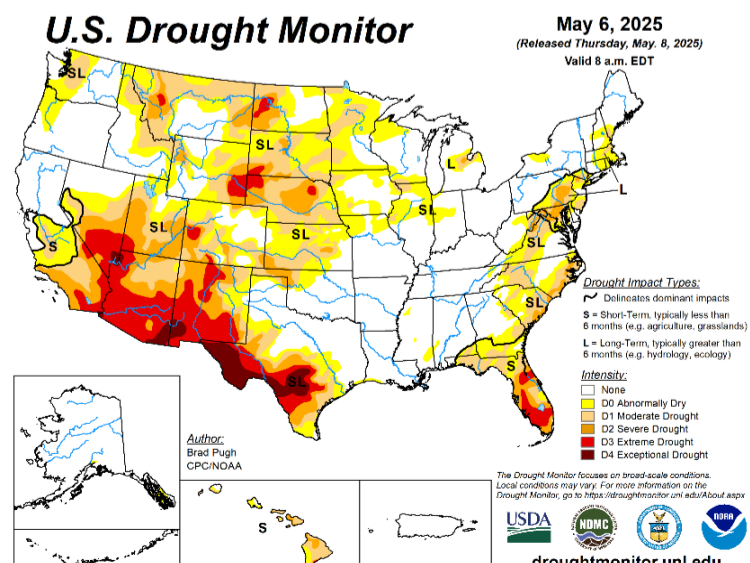
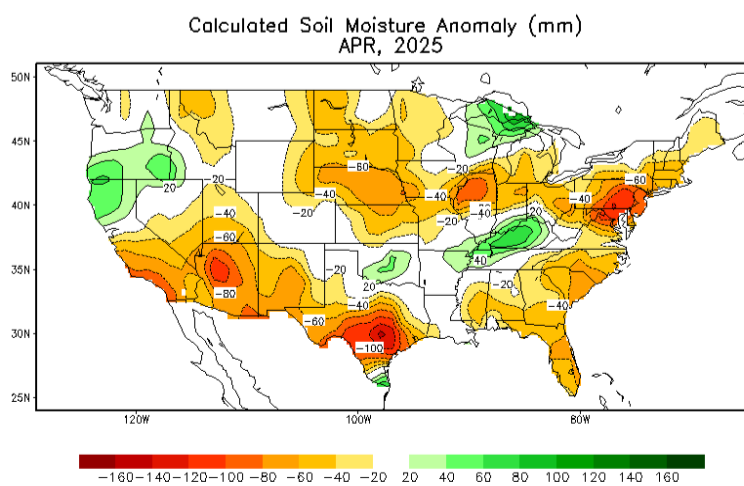
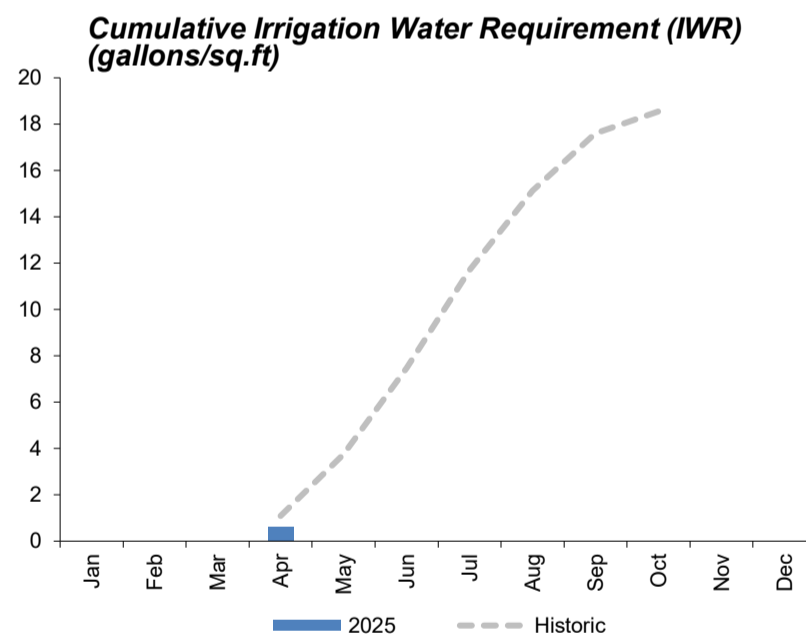
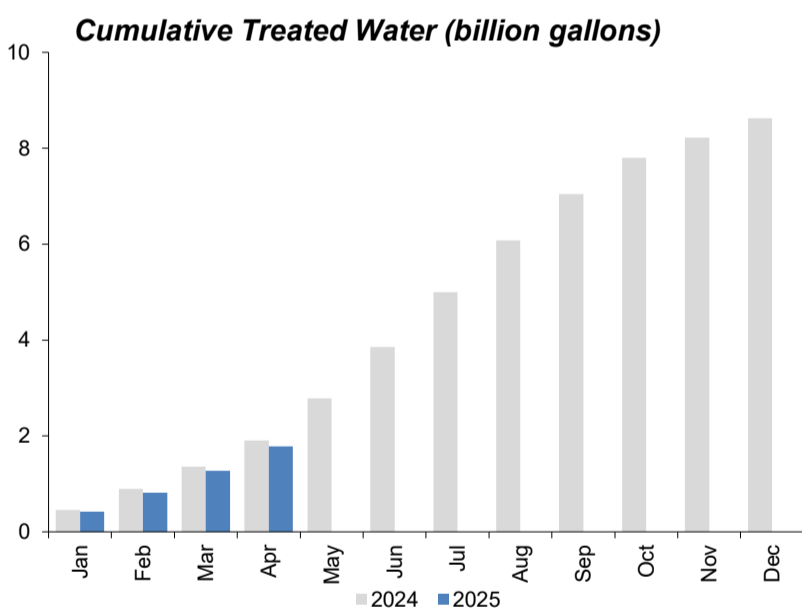
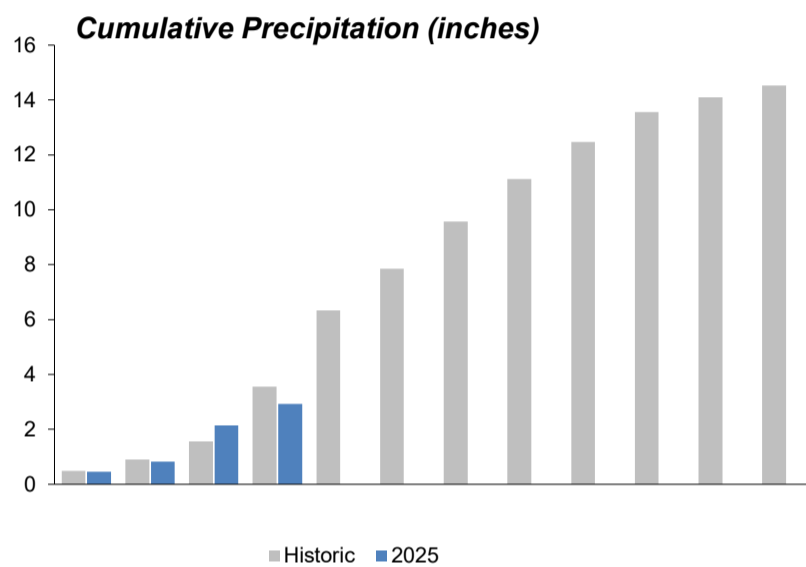
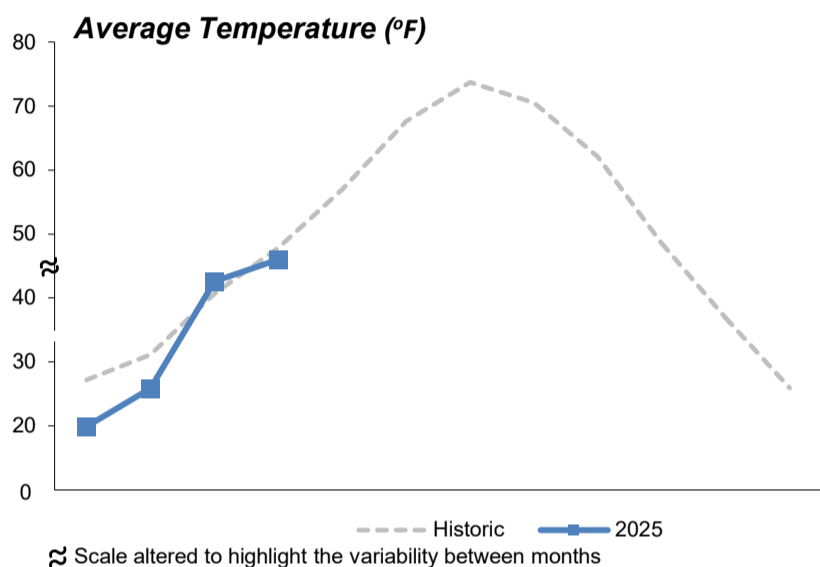
*Data is from the 1st of the month
 **Average of Deadman Hill and Joe Wright

*Data is from the 1st of the month
 **Average of Deadman Hill and Joe Wright

Treated Water and Weather Data

January was an exceptionally cold month with an average daily temperature of just 19.91°F. February's average daily temperature was 25.9°F which is about 5 degrees below the historic average. Temperatures in March were a couple degrees above the historic average at 42°F. April temperatures dipped slightly below average at 46°F.

Greeley received 0.45 inches of precipitation in January and 0.37 inches in February. Precipitation in March was well above average at 1.32 inches compared to the historic average of 0.66 inches. April precipitation was well below average at just 0.79 inches.





Water & Sewer Agenda Summary

May 21, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Executive Session

Summary:

Wingfoot Purchase and Sale Agreement

Recommended Action:

None

Recommended Motion:

None

Attachments:

None