

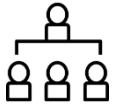
Water and Sewer Board

Regular Meeting

City Council Chambers – City Center South

1001 11th Avenue – Greeley, Colorado

January 15, 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





Water & Sewer Board

January 15, 2025 at 2:00 PM

1001 11th Avenue, City Center South, Greeley, CO 80631

Agenda

1. Roll Call:

_____ Chairman Harold Evans	_____ Vice Chairman Mick Todd
_____ Ms. Cheri Witt-Brown	_____ Mr. Fred Otis
_____ Mr. Joe Murphy	_____ Mr. Tony Miller
_____ Mr. Matt Anderson	_____ Mayor John Gates
_____ Mr. Raymond Lee	_____ Ms. Tyra Litzau
2. Approval of Minutes
3. Approval of the Agenda
4. Introduction of City Attorney Stacey Aurzada
5. Election of Board Officers
6. Welcome New Employees and Promotions
7. Customer Information System Project Update
8. Tri-Annual Water Court Update
9. Legal Report
10. Executive Session
 - a. Intergovernmental Agreement Dispute and Potential Litigation
11. Director's Report
12. Such Other Business That May Be Brought Before the Board Added to This Agenda by Motion of the Board
13. Adjournment



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 December 18, 2024
Regular Board Meeting**

Chairman Harold Evans called the Water and Sewer Board meeting to order at 2:00 p.m. on Wednesday, December 18, 2024.

1. Roll Call

The Clerk called the roll and those present included:

Board Members:

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

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 W&S Operations and Maintenance Rebecca Andrus, Office Manager Gigi Allen, Administrative Assistant III Lisa Van Vorous, Utility Finance Manager Virgil Pierce, Deputy Director of Water Resources Leah Hubbard, Water Resource Administrator II Sam Harshbarger, Water Resource Administrator I Erik Clark, Civil Engineer IV Jim Paulson, Civil Engineer IV Cort Nickel, Communication Specialist II Cory Channell, Water Resource Planning Manager Matt Sparacino, Plans Examiner Derek Hannon, Civil Engineer I Clayton Orback, Source Water Supply Manager Cole Gustafson, Water Resource Administrator III Alex Tennant, Water Resource Engineer IV Ryan Duve

Legal Counsel:

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

Guests:

James Sutherland from Wingfoot, Senior Urban Transportation Planner Victoria Leonhardt, Professor at the University of Northern Colorado Michael Welsh

2. Approval of Minutes

Mr. Otis made a motion, seconded by Mr. Murphy to approve the November 2024 Water and Sewer Board meeting minutes. The motion carried 7-0.

3. Approval of Agenda

No changes to the Agenda were made.

4. Welcome New Employees and Promotions

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

5. Approval 2025 W&S Board Meeting Dates

It was noted by the Board that the January 2025 date was incorrect and needs to be reflected as January 15, 2025. With the change noted, Board member Mr. Otis made a motion to approve the 2025 Water and Sewer Board meeting dates. Seconded by Mr. Miller. The motion carried 7-0.

6. Approval of J2 Poudre Ponds Mining Contract

Leah Hubbard discussed that the Poudre Ponds complex is a valuable city amenity, providing various uses for Water & Sewer (W&S), Community Parks and Recreation Department (CPRD), and Public Works (PW). The site has been actively mined since the early 2000s and offers essential water storage for the lower Poudre River, crucial for operating the Greeley water resources portfolio.

There are two storage ponds, Pond A and Pond B. Pond A has been used for storage since approximately 2003. W&S has been preparing Pond B for storage use by recently constructing a slurry wall that was completed in 2022 by Hall-Irwin. The city worked with Hall-Irwin under an existing mining agreement to mine Pond B to final grades to maximize storage capacity. Currently, Pond B is undergoing slurry wall testing and is expected to pass at the end of January 2025 and will be available for storage use.

J-2 Contracting Co (J-2) completed the mining of Pond B under a sub agreement with Hall-Irwin. J-2 completed the mining of Pond B and has requested permission to mine Pond A while they still have their materials processing plant on site. It was estimated that an additional storage capacity of 200 acre-feet (AF) could be mined from Pond A. If approved, J-2 will mine as much additional material from Pond A over the next 12-18 months. The material will be processed and sold over the next 12-24 months.

This project will benefit Greeley by increasing storage capacity in Pond A, receiving royalties, and utilizing J-2's existing mining operations to expedite the completion of this work. Once

the project is completed, both Pond A and Pond B will be filled and stocked with fish for long-term habitat.

Vice Chairman Todd moved that the Board approve the Mining Lease Agreement with J-2 Contracting in the form enclosed, and delegate authority to the Director of Water and Sewer or his designee to make minor amendments to the agreement and to authorize extensions of the lease term, provided the material substance remains unchanged. Mr. Miller seconded the motion. The motion carried 7-0.

7. Approval of 2025 W&S Rates and Fees Resolution

Virgil Pierce reviewed that the water and sewer rates and fees were developed in response to the 2025 budget that the Board recommended to the City Manager at the July 2024 meeting.

Residential water rates are increasing 6.0% and residential sewer rates are increasing 5%. Residential water customers inside the city and in the service area formerly served by North Weld Water District are the only customers on a tiered water budget rate structure.

Plant investment fees are updated annually for water and sewer. The water plant investment fee is increased to \$15,000 for a ¾" tap, an increase from the 2024 fee of \$12,900. The sewer plant investment fee is increasing to \$8,650 for a ¾" tap an increase from the 2024 fee of \$7,500.

Using the pricing method presented to the Board in the November 2024 meeting, the cash-in-lieu of raw water fee will increase from \$51,500 to \$56,500 per acre-foot. The new cash-in-lieu price will take effect on March 1, 2025. Water and Sewer Board Resolution 2, 2020 allows the cash-in-lieu fee to be recalculated as necessary, but no less than once per year. Staff will bring forward future adjustments to the cash-in-lieu fee for Board review if necessary, in 2025.

The Board requested to know the recent history on rate increases to prepare themselves for any public questions they may get. It was discussed that W&S historically works to keep the rate increase between 4-6% every year, which was the same for this year. However, the increase from Stormwater, which is on Greeley's utility bill, was much larger this year over previous years, creating a larger than usual overall bill increase. Virgil Pierce will send the history of the water, sewer, and stormwater increases to the Board members.

Vice Chairman Todd moved that the Board approve the Resolution to Adopt Rates, Fees, and Charges for Water and Sewer Services in 2025. Mr. Miller seconded the motion. The motion carried 7-0.

Ryan Duve left the meeting at 2:12 pm.
Daniel Biwer left the meeting at 2:47 pm.

8. Terry Ranch Quarterly Update

Jim Paulson presented a quarterly update on the Terry Ranch development project. The update included a progress report on water well drilling activities on State Land Board wells on the Terry Bison Ranch. Jim also gave an update on the pipeline development project. Segment 1, the first 7.6 miles, is complete and Segment 2 is expected to begin construction in 2025.

Rachel Flynn left at 3:00 pm
Mayor Gates left at 3:15 pm

9. Watershed Health and Wildfire Recovery 2024 Projects Update

Matt Sparacino highlighted watershed health and wildfire recovery initiatives undertaken this year. The initiatives included post-fire point mitigation projects completed at Lower Sevenmile Creek, Bennett Creek, and Roaring Creek in the Poudre River watershed. Project work in 2024 was funded completely with reimbursable funds, the majority of which came from an invited grant through the National Forest Foundation with no cash match required from rate payer funds.

Increased post-fire erosion continues to negatively affect water quality in all four of Greeley's source watersheds (Poudre River, Big Thompson River, Upper Laramie River, and Colorado River). This watershed and post-fire recovery work is essential to ensuring Greeley customers receive high quality and reliable water. Matt summarized how Greeley staff and partners are funding, designing, and implementing projects to address post-fire issues. Additionally, recent collaboration between Greeley and regional stakeholders related to watershed health and fire recovery were reviewed.

10. Poudre River Restoration Initiative (PRRI) Master Plan Project

Victoria Leonhardt presented an overview of the Poudre River Restoration Initiative (PRRI) Project. As background, Public Works applied and received City of Greeley ARPA funding for the project in 2023. The PRRI Project is a partnership project for internal departments which includes the Culture, Parks & Recreation Department and the Water and Sewer Department. The PRRI initiative will complement and expand the various studies and master plans that have been developed by the City to date by focusing on the river within the City limits as an opportunity to make the river healthy while at the same time developing the river as an economic driver.

The Poudre River has lost more than 15% of its length over the last 70 years. The results of this are evident in the continuous channel degradation, bank erosion, flooding impacts and transportation of significant amounts of sediment, E. coli bacteria and other undesirable elements downstream. This has caused loss of aquatic life and has made the river inaccessible to the public over significant stretches. This is also a continuing economic impact on the City

in terms of continuous riverbank works, environmental and permitting risks. The PRRI Project will develop an actionable implementation plan to address these issues by restoring the Poudre River through a large-scale community-based design process.

11. Legal Report

Based on review of the October 2024 Water Division 1 Resume, staff and water counsel did not identify any new matters to recommend that the Water and Sewer Board file a statement of opposition by the end of December, 2024.

12. 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:

- Water Industry Education and Advocacy Events
- 16th Street enhancement project, utility phase 1 project update
- Summary of the November 22, 2024, high water pressure event caused by a contractor's operation of a City valve
- Greeley Mall private water system compliance update
- West Greeley infrastructure planning summary
- Full presentation on infrastructure, raw water and project financials planned for January.
- Colorado River Interim Drought Management Guidelines negotiation update
- *Confluence*, 2nd Edition history book project update

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

No other Business was brought before the Board.

14. Adjournment

The meeting ended at 4:23 pm

Harold Evans, Chairman

Raymond Lee, Board Secretary



Water & Sewer Agenda Summary

January 15, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director, Stacey Aurzada, City Attorney

Title:

Introduction of City Attorney Stacey Aurzada

Summary:

In July of 2024 the Greeley City Council appointed Stacey Aurzada as City Attorney. Ms. Aurzada has been with the City of Greeley since 2005 and filled the role of Deputy City Attorney for eleven years prior to her appointment to the role of City Attorney.

Ms. Aurzada will give a brief introduction of herself as well as give an overview of the City Attorney's office.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

None



Water & Sewer Agenda Summary

January 15, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Election of 2025 Water and Sewer Board Officers

Summary:

In accordance with carrying out its governmental duties, the Greeley Water & Sewer Board elects officers annually based upon guidance in the Greeley City Charter, Sec. 17-3. - Water and Sewer Board, organization.

There shall be a Water and Sewer Board which shall consist of ten (10) members. The Mayor, City Manager and Director of Finance shall be nonvoting members of said Board. There shall be seven (7) members appointed by the City Council for terms of five (5) years. Any vacancy shall be filled for the unexpired term of any member whose place has become vacant. The Board shall annually elect one (1) of the appointive members as chair, and one (1) as vice chair. The City Manager shall serve as secretary to the Water and Sewer Board.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

None



Water & Sewer Agenda Summary

January 15, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Welcome New Employees and Promotions

Summary:

Promotions/transfers: Morgan Murphy – promoted to Water Conservationist I
Deven Meyer – promoted to Project Coordinator
Kendra Christensen – transferred to Crew Supervisor of Maintenance
Ian McCormick – transferred to Boyd WTP Plant Operator A

New Hires: Kyle Beyerlein – Boyd WTP Lead Plant Operator

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

None



Water & Sewer Agenda Summary

January 15, 2025

Key Staff Contact: Erik Dial, Deputy Director of Utility Finance

Title:

Customer Information System Project Update

Summary:

Staff will update the Water and Sewer Board on the progress of the Customer Information System (CIS) project and the path ahead.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

1. CIS Project Update



Customer Information System (Utility Billing) Project Update

**Erik Dial, Deputy Director of Utility Finance and Customer
Service**

Water & Sewer Board | January 15, 2025

Agenda

- Background
- What is a Customer Information System (CIS)
- Modules and integrations
- Project team
- Communications and change management
- Timeline
- Purpose: Informational



Background



Account Information

Account Number BOG-980981 - 1

Meter Route * BOG - BOGUS ACCTS

Master Account

Service Address

Address *

City/State/Zip GREELEY CO 80631-9998

PARCEL R2823786

Unit 919

Owner

Municipality * 1 - GREELEY

Occupant Information Dual Notification ACH Details Balance Information History

Billing Address

Owner/Tenant * O - Owner

Customer Name * FUTURE ACCOUNT-REFERENCE ONLY

Use Default ☐

- Current billing system is a 1990's era platform
 - Many manual processes by Utility Billing to process monthly billing cycles – opportunity for error
 - Integrations with other systems difficult
 - Inability to modify businesses processes, such as adding a new rate tier
 - Outdated look and feel
 - Limited support from vendor – internal IT Analyst has kept system functional
- Started project in 2019/2020, paused because of Oracle struggles and Covid



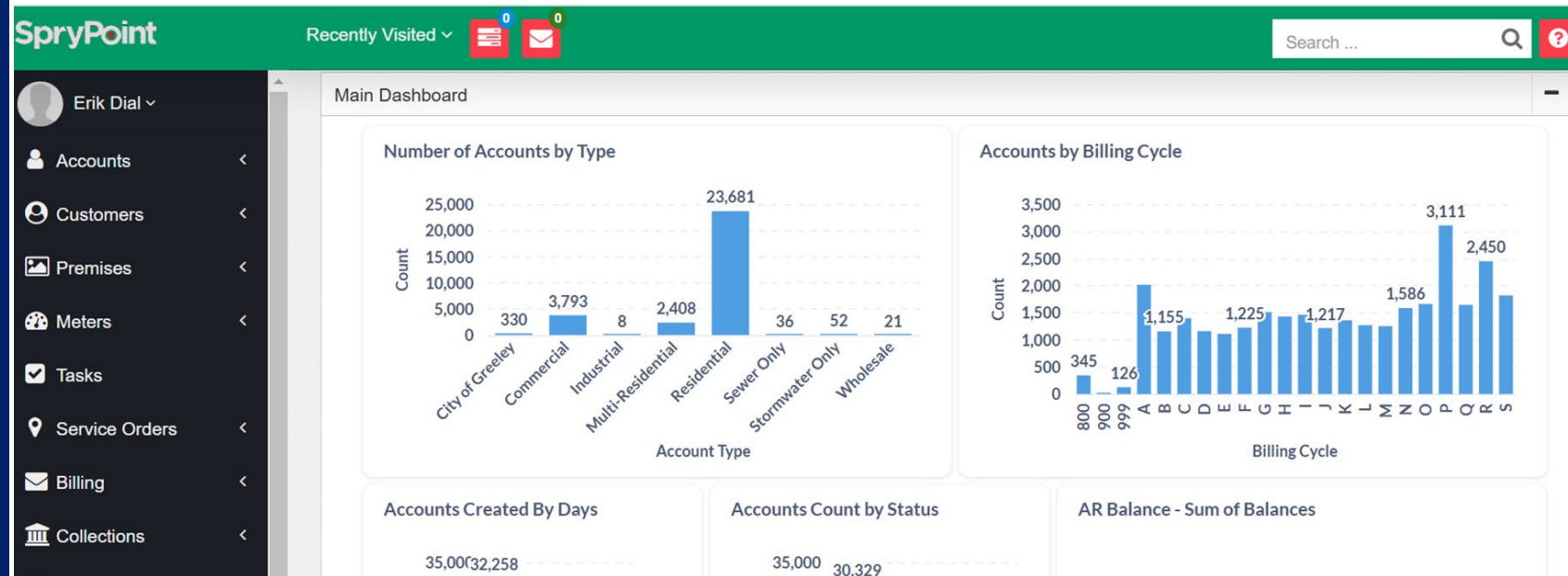
Background

- Restarted project in 2022
- Project manager hired
- Hired third party consultant to refresh the Request for Proposal and map business processes

Customer Information System (CIS)



- At its core, a revenue collection tool – Water, Sewer, Stormwater
- Multi-faceted communication
- Automate billing processes
- Data easily managed and reported
 - Better decisions
- Easily integrated
- *Enhanced customer experience*



Modules and Integrations



- Greeley sought a modern, customer centric system that could integrate with GIS, Oracle, Payment Processing, and Permitting systems
- System needed to seamlessly incorporate all disciplines associated with customer accounts
 - Customer portal that enabled simple bill payment (using a payment processor) and viewing water use
 - Meter management and customer service orders – mobile and in real-time
 - Backflow data management and reporting

Chosen Vendor



- SpryPoint selected out of 10 vendor submissions
 - Founded in 2011
 - SpryMobile started 2012
 - SpryEngage started 2016
 - SpryBackflow started 2017
 - SpryCIS started 2020
 - SpryIDM started 2022
- Greeley selected each of these modules
- Project kicked off June 2024



Multi-Functional Project Team



- Project team
 - Project manager
 - Nine team members
 - Utility billing, key accounts, backflow, conservation, stormwater
 - Two IT analysts
 - Third party consultant project manager
 - Dedicated project space
- Subject matter experts
 - GIS, accounting, meters, rates, development permitting
- Executive steering committee

Communication and Change Management



CIS kickoff – 6/11/24

- Hired a communications firm that specializes in water issues to message the new system to customers
 - Utility account numbers will be changing, bank/autopay information will need to be updated
 - Encourage self service using the customer portal
- City staff leading internal change management efforts
 - Process changes are significant

Challenges

A screenshot of a SpryEngage sign-up form overlaid on an aerial view of a city. The form includes fields for Email Address, Phone Number, Phone Number Type, Account Number, and Amount On Your Last Bill. It also has checkboxes for alerts and a "Sign Up" button.

SpryEngage

Sign Up [Need Help?](#)

Email Address

This email will be used to sign in.

Phone Number

Phone Number Type

Mobile Phone

Account Number [Find my Account Number](#)

This is a required field.

Amount On Your Last Bill

This is a required field.

Name or Business ⓘ ✖ Not Verified

Want to use a different name? [Create a new one](#)

☐ Alert me when a new bill is available

☐ Alert me 7 days before a bill is due

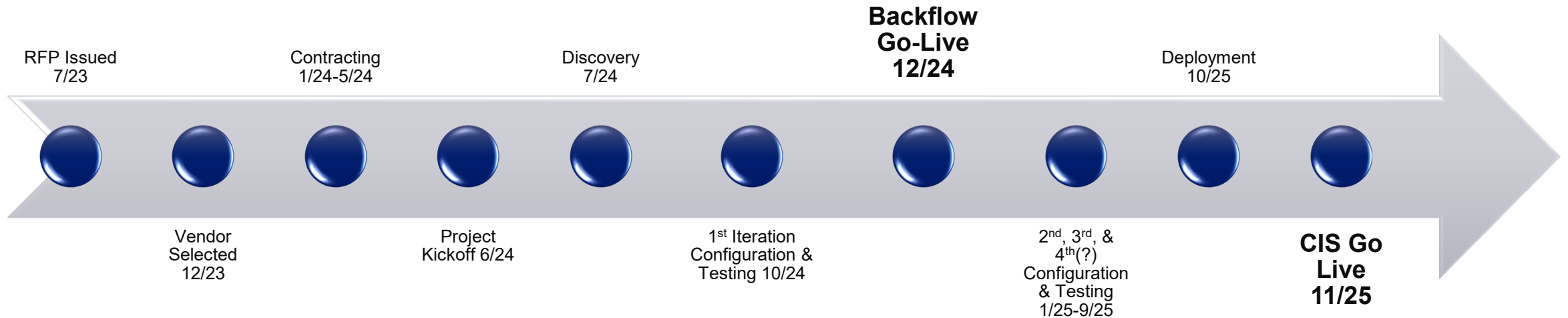
☐ Alert me when a bill is past due

☐ I agree with the [Terms and Conditions](#).

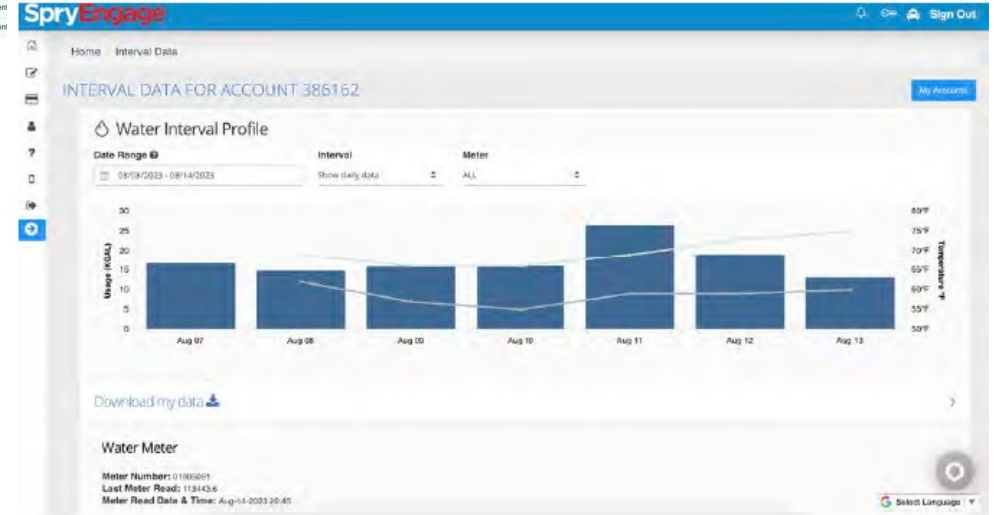
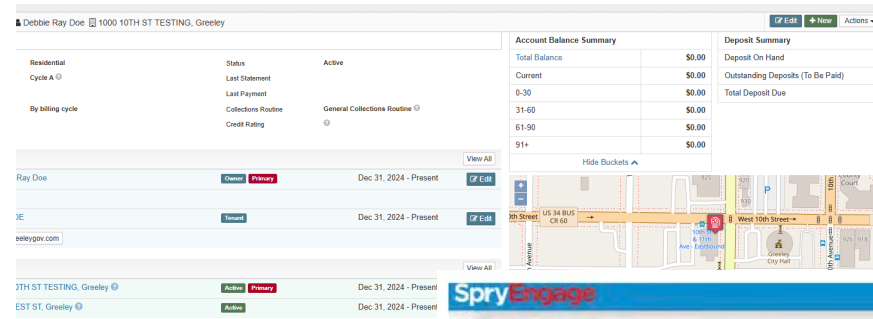
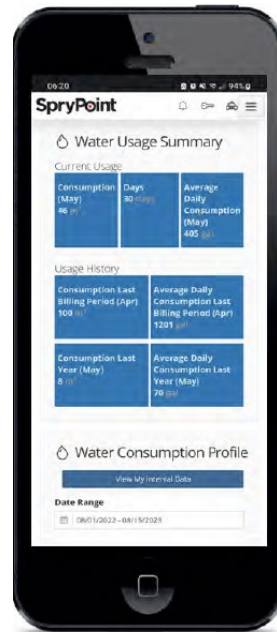
[Go back to Login](#) [Sign Up](#)

- Addressing
 - Inconsistencies between systems
 - Significant data cleanup effort
- Interface with TRAKiT (development permitting)
 - Approach has changed from what was originally scoped

Project Timeline



Summary



- Significant project for Utility and IT staff
- Will enable better data visualization and decision making
- Modern system – will grow with Greeley
- Enhanced customer experience



Questions?



Water & Sewer Agenda Summary

January 15, 2025

Key Staff Contact: Sam Harshbarbarger - Water Resource Administrator II

Title:

Tri-Annual Water Court Update

Summary:

The City of Greeley Water and Sewer Department is active in numerous Water Court matters to develop additional water supply and to protect existing water rights. In the third trimester, Greeley filed zero statements of opposition and filed stipulations in four cases, received one decree, and received a favorable ruling from the Supreme Court in an opposition case. Water court legal costs equaled \$119,268 and engineering costs equaled \$114,310 for a total cost of \$233,578 this trimester. This brings the total legal costs to \$350,369 and the engineering costs to \$329,456 for a total of \$679,825 for this year.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

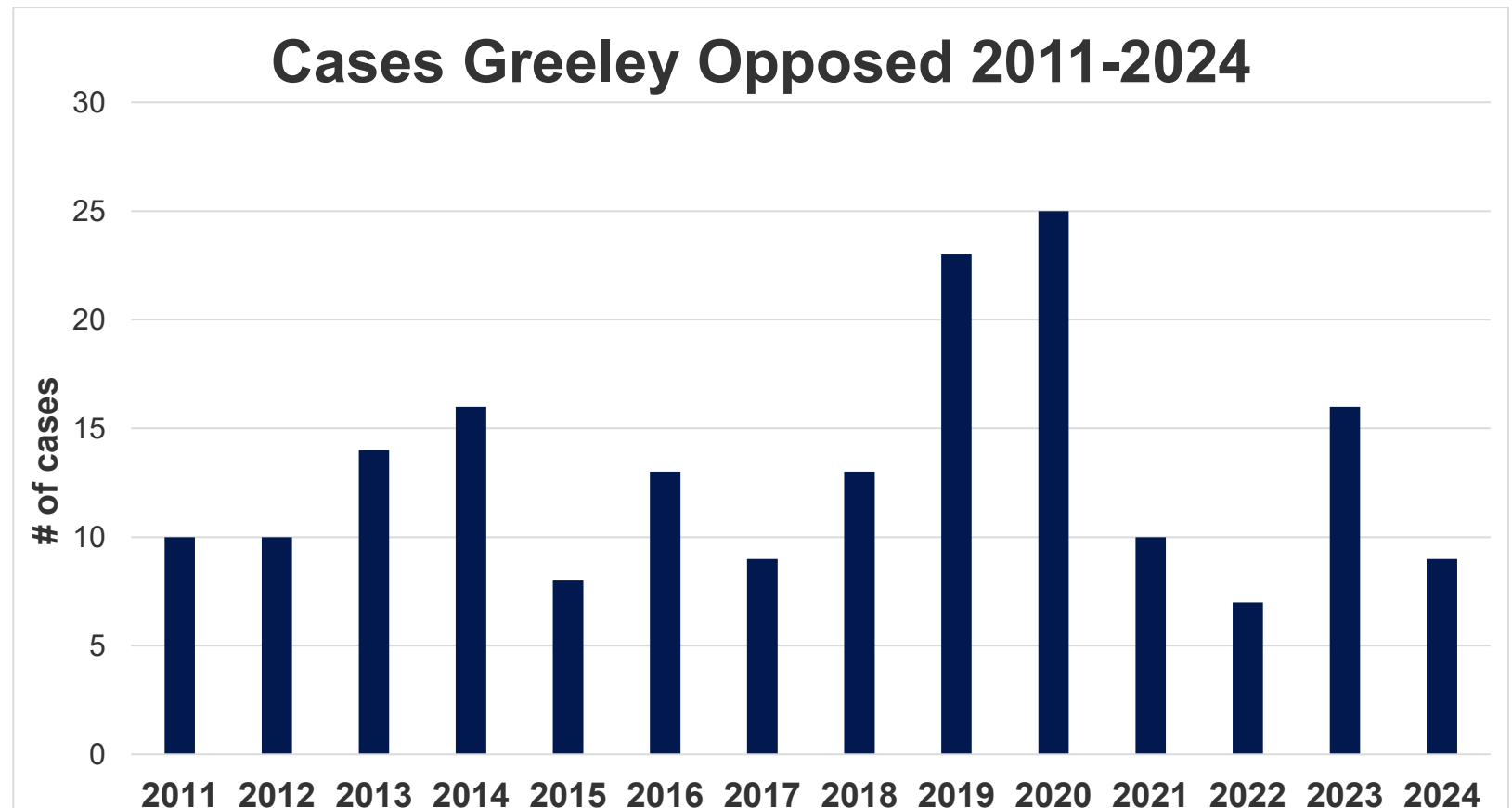
1. 2024 3rd Water Court Update
2. 2024 3rd Tri-Annual Water Court Update

3rd Trimester Water Court Update

Greeley Water & Sewer Board
January 15, 2024



Statements of Opposition



- T3 2024: 0 statements of opposition filed, 4 stipulations reached, a favorable Supreme Court Decision, and a decree received for 99CW231 Non-potable Augmentation
- Number of cases Greeley is *currently* an opposer: 27
- Total number of active cases in 2024: 29

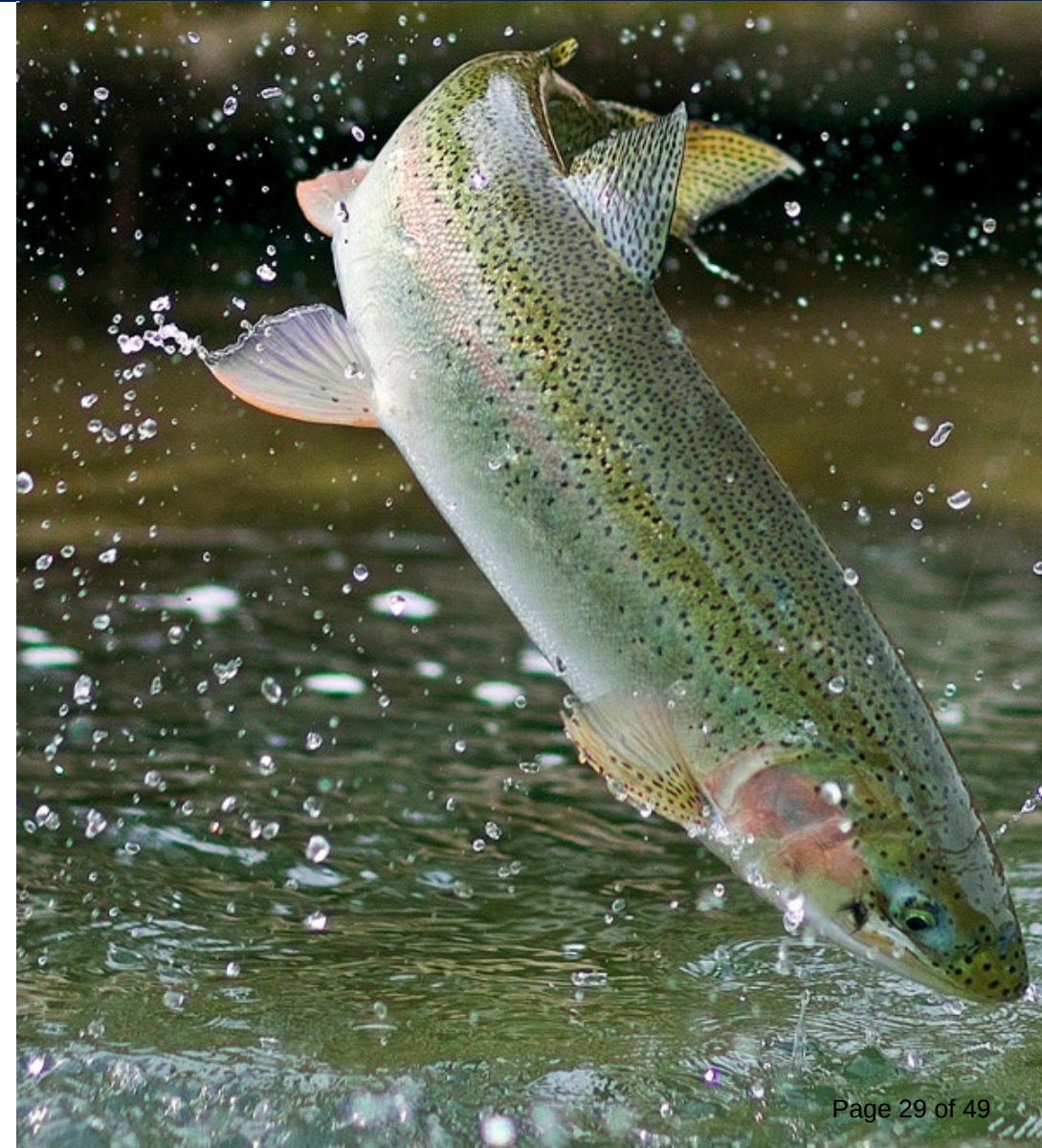
Greeley as Applicant

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 CWCB, Fort Collins, and Thornton
- Greeley using GIC rights
- 20 statements of opposition filed
- Case has been re-referred to Judge
- The applicants are meeting with opposers individually to address remaining issues
- Trial (if necessary) is scheduled for Oct. 2025



Greeley as Applicant

Greeley Change of WSSC (22CW3042)

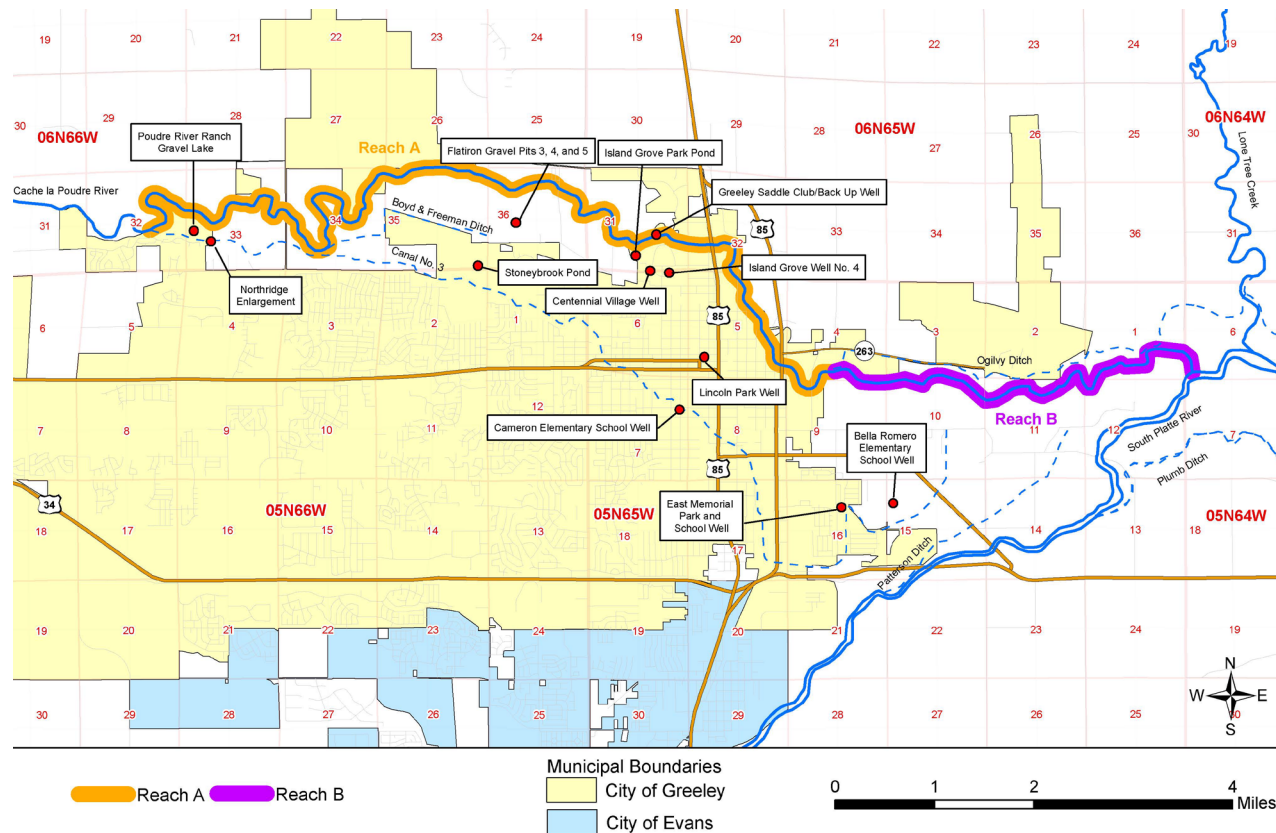
Goal: change 23.917 shares for municipal, augmentation, and other uses

- Includes plan for augmentation for return flows
- Conditional direct flow water right for return flows
- 24 statements of opposition were filed; 9 stipulations reached
- Greeley is meeting with opposition directly to address remaining concerns



Greeley as Applicant

Greeley Lower Poudre Water Stewardship Project Diligence (23CW3158)



- The purpose of this case is to maintain conditional groundwater rights and a conditional exchange water right
- Greeley is not claiming additional conditional groundwater rights or rights of exchange as absolute
- Filed application on November 30, 2023
- 3 statements of opposition filed. All parties have stipulated or withdrawn their statements of opposition
- Greeley has resolved all opposition and received a final decree in November

Greeley as Legislative Stakeholder

Waters of The State – Dredge and Fill Legislation Advocacy Support

Goal: to protect Greeley and its public infrastructure maintenance activities and capital projects from overreaching regulations developed by the state in response to the Sackett vs. EPA case.

- Greeley water engaged Welborn Sullivan Meck & Tooley P.C. attorney James Sanderson to assist staff in the analysis of language in SB-127 and HB-1379
- Staff and Mr. Sanderson provided Committee testimony, and redline suggestions to bill language
- Ongoing representation in CDPHE's WQCD Regulation 87 rulemaking for Colorado Dredge and Fill Program Implementation



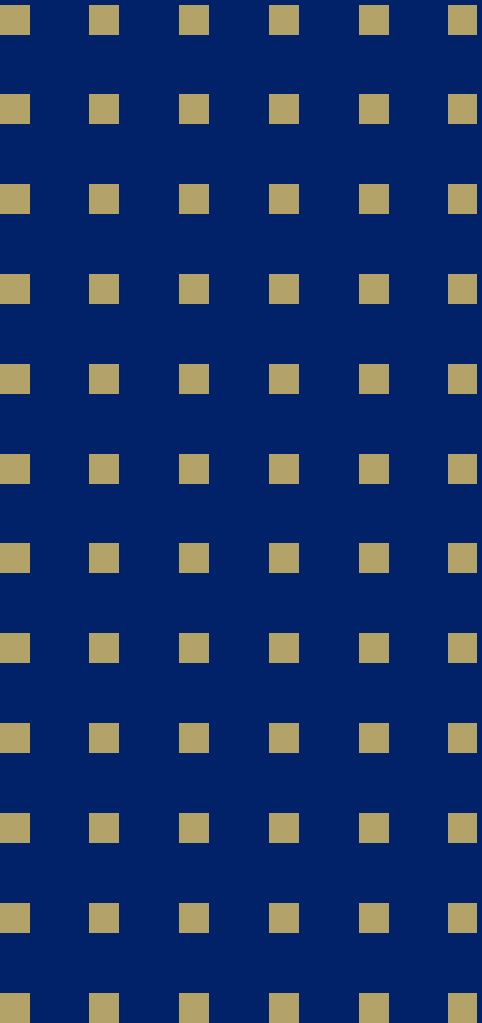
Legal & Engineering Expenses

2024 Costs

Legal	\$ 350,369
Engineering	\$ 329,456
Total	\$ 679,825

This is 115% of the \$587,472 spent in 2023

*Includes costs for Colorado Dredge and Fill Bill topics (HB24-1379).

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Questions?



Water & Sewer Department

MEMORANDUM

TO: Greeley Water & Sewer Board
FROM: Sam Harshbarger, Water Resources Administrator II
DATE: January 7, 2025
RE: 2024 3rd Tri-Annual Water Court Update

This memorandum is a review of the Water and Sewer Department's legal activities from September 2024 through November 2024. The review includes an update on Greeley's current Water Court cases and a summary of the Water Resources Division's legal expenses.

STATEMENTS OF OPPOSITION

Since the last update in May, Greeley has not filed any statements of opposition, has stipulated in four cases, one case was ruled on favorably by the Colorado Supreme Court, and Greeley received a decree for an application for diligence. As of January 6, 2025, the number of pending Water Court cases in which Greeley was an opposer is 27

Stipulations filed:

Case	Applicant
22CW3218	Loveland Ready Mix
23CW3079	Mundt
21CW3093	Town of Windsor
23CW3169	Great Western Industrial Park

Supreme Court Decisions:

Case	Applicant
21CW3046/23SA141	Parker Water vs. State Engineer

Decrees Received:

Case	Water Right
23CW3158	99CW231 Non-Potable Augmentation

GREELEY AS APPLICANT

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

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.

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. 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. Applicants' expert disclosures were filed on January 13, 2025.

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 nine 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.

23CW3158 (City of Greeley Lower Cache la Poudre River Water Stewardship Project)

On November 30, 2023, Greeley filed this application for diligence for conditional groundwater rights and a conditional exchange water right previously decreed in Case No. 99CW231. The groundwater rights include several wells at various locations within Greeley, and the Flatiron Reservoirs (a.k.a. Poudre Ponds). The exchanges will be used to replace depletions from various structures including the groundwater rights that are also the subject of this application. Three statements of opposition were filed. Greeley has reached stipulations with all remaining parties and received a final decree in November.

LEGAL & ENGINEERING EXPENSES:

The Water Resource Division's outside legal and engineering expenses from January 2024 through November 2024 totaled \$679,825, which is 115% of the total \$587,472 spent in 2023.

2024 Water Resources Legal and Engineering Costs

<u>1st trimester</u>	
Legal	\$118,013
Engineering	\$113,955
<i>Total</i>	\$231,968
 <u>2nd trimester</u>	
Legal	\$113,088
Engineering	\$101,191
<i>Total</i>	\$214,279
 <u>3rd trimester</u>	
Legal	\$119,268
Engineering	\$114,310
<i>Total</i>	\$233,578
 <u>Annual Totals</u>	
Legal	\$350,369
Engineering	\$329,456
Total	\$679,825



Water & Sewer Agenda Summary

January 15, 2025

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

Title:

Legal Report

Summary:

This report has been provided by James Noble, outside counsel for the Greeley Water & Sewer Board.

Based on our review of the November 2024 Water Division 1 Resume, staff and water counsel recommend that the Water and Sewer Board authorize filing statements of opposition by the end of January 2025 to the following water court applications:

1. Case No. 24CW10: The applicants, Tim and Jeanne Iverson, applied for an augmentation plan for a gravel pit adjacent to the Greeley Canal No. Three near the F Street Return structure. Applicants are seeking to use 6.25 shares in the Greeley Irrigation Company as an augmentation supply. We recommend that Greeley file a statement of opposition in this case to ensure that any change of the GIC shares is correctly quantified, and that the plan for augmentation accurately replaces stream depletions and does not injure any of Greeley's water rights.
2. Case No. 24CW3153: This case concerns an application by Basin Lands LLC, for nontributary underground water rights in the Upper Laramie Aquifer. Applicant claims an annual average amount of 2,157 acre feet per year from the aquifer. The overlying land for this claim consists of approximately 1,931 acres, located in Township 11 North, Range 67 West. This is in close proximity to the Terry Ranch. We recommend that Greeley file a statement of opposition to evaluate the nontributary claims and to ensure that Greeley's water rights are not adversely affected.
3. Case No. 24CW3155: This case concerns an application by Seaworth for a finding of reasonable diligence and to make conditional water rights absolute for several ponds and a direct flow water right in the Taylor and Gill Ditch. Greeley was involved in the original application for these water rights in Case No. 16CW3093. Greeley has a contractual interest in excess capacity in the Taylor and Gill Ditch. We recommend that Greeley file a statement of opposition to evaluate the claims for diligence and to make the water rights partially absolute and to ensure that Greeley's water rights and interests in the ditch are not adversely affected.

Recommended Action:

Staff and water counsel recommend authorizing filing statements of opposition in Division 1 Case Nos. 24CW10, 24CW3153, and 24CW3155.

Recommended Motion:

"I move that the Board authorize filing statements of opposition in Case Nos. 24CW10, 24CW3153, and

24CW3155 and for staff and legal counsel to seek resolution of issues raised by these cases consistent with Water and Sewer Board Resolution No. 3, 2015.”

Attachments:

None



Water & Sewer Agenda Summary

January 15, 2025

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Executive Session

Summary:

The Water & Sewer Staff have taken steps to secure an initial block of wastewater capacity that is imminently necessary for growth west of Hwy 257 from the Town of Windsor under the terms and conditions of the First Amendment to the Intergovernmental Agreement By and Between the City of Greeley and Town of Windsor, dated the 6th of May 2008. In late December, Windsor refused to accept the City's payment or acknowledge the reservation of capacity as contemplated by the IGA.

The purposes of this executive session are to confer with legal counsel for the purpose of obtaining legal advice, to determine positions relative to matters that may be subject to litigation or negotiations, to develop strategy for litigation or negotiations, and to instruct negotiators concerning an intergovernmental agreement dispute.

Recommended Action:

A motion to enter into executive session for the purposes described above.

Recommended Motion:

Attachments:

None



Water & Sewer Agenda Summary

January 15, 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:

1. Water Industry Education and Advocacy Events
 - 10th Annual Poudre River Forum in Greeley at Aims CC Welcome Center on 3/7/25
2. 16th Street enhancement project, utility phase 1 project update
3. Neff Lake raw water non-potable water pipeline diligence and PSA update

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

1. Poudre River Forum _ 3.7.2025
2. Board Meeting Charts _ 2024



The Poudre River Forum is a conference on water issues, use, history, and conservation practices. Industry professionals and community members come together to learn more about current issues and solutions impacting the Poudre River Basin. The annual event attracts hundreds of river enthusiasts from Northern Colorado communities and beyond.

Join us for the 10th Anniversary of the Poudre River Forum!

8:00 AM – 9:00 AM: Registration

9:00 AM – 9:20 AM: Welcome

9:25 AM – 10:30 AM: Upper Basin, Collection

10:05 AM – 11:40 AM: Mid-Basin, Diversion

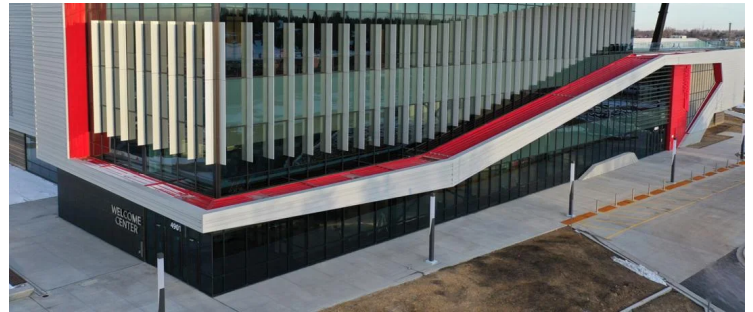
11:45 AM – 12:50 PM: Lunch, Exhibitors and Networking

12:50 PM – 1:10 PM: Poudre Pioneer Award Presentation



MARCH 7, 2025 | 4901 W 20 ST, GREELEY, CO
80634

"The varying views were impactful. It was obvious not everyone in the room could agree on everything, but the common goal was the Cache la Poudre River's best interests, and I loved that." – Forum Attendee



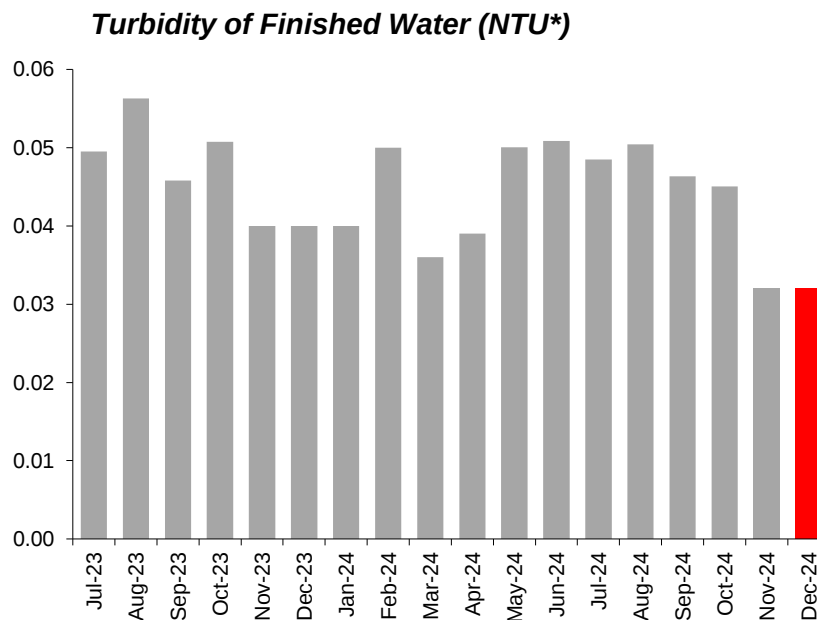
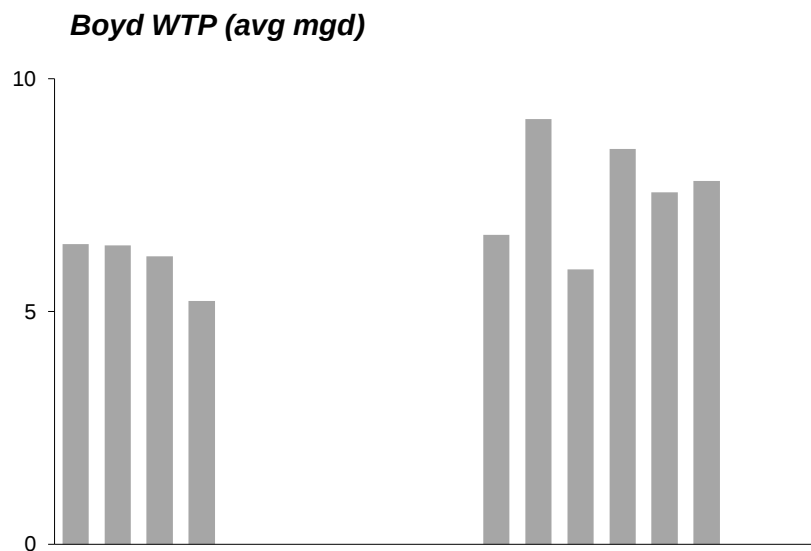
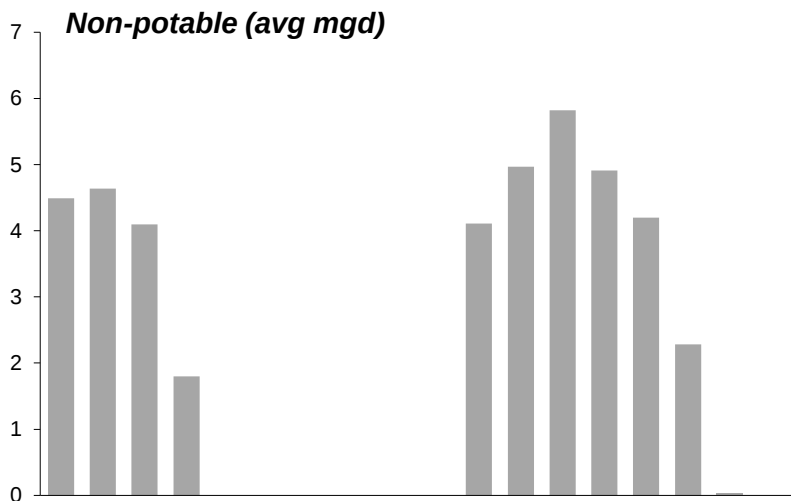
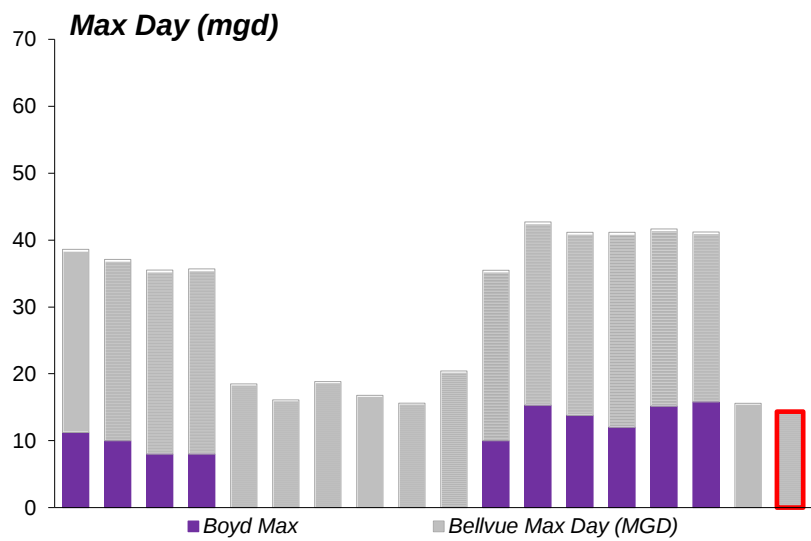
Get Involved

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.

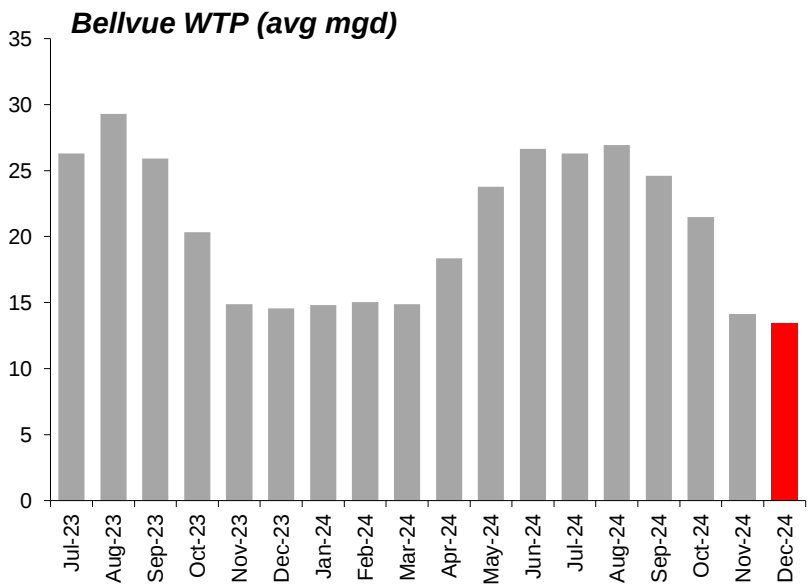
Combined, Bellvue and Boyd can treat a maximum of 70-73 million gallons per day.



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).

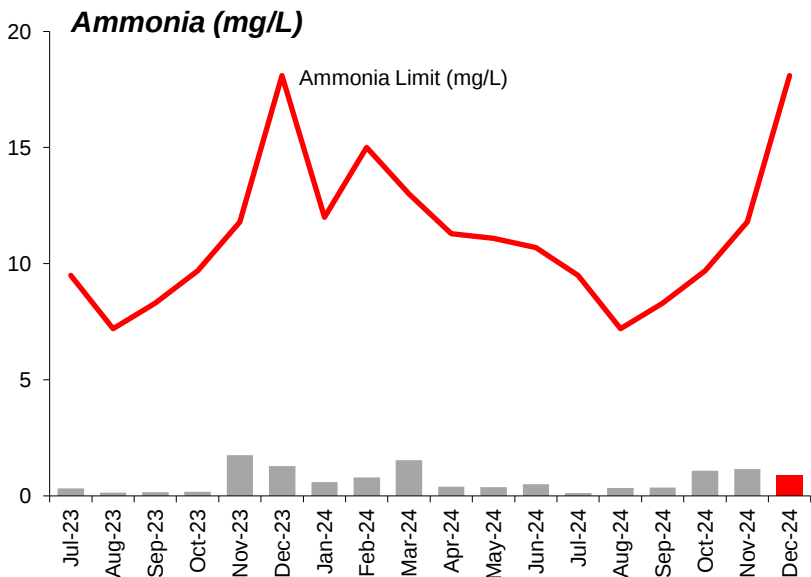
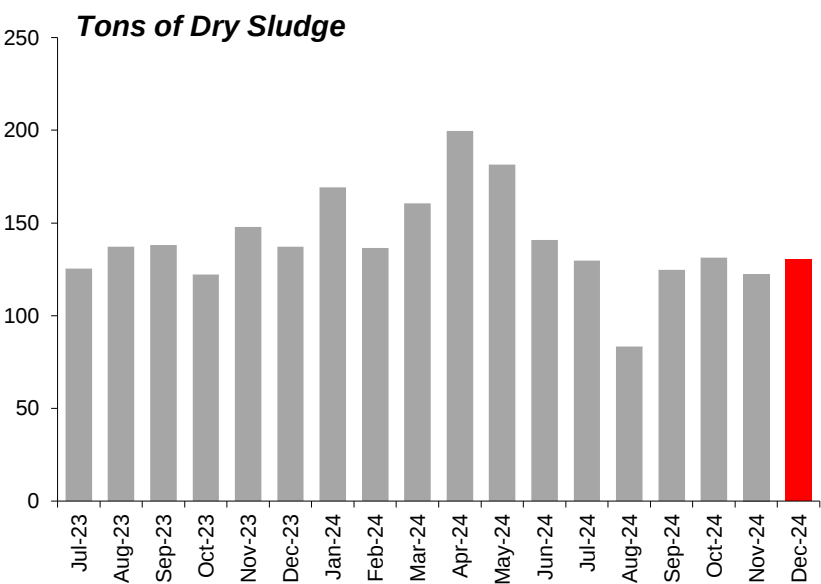
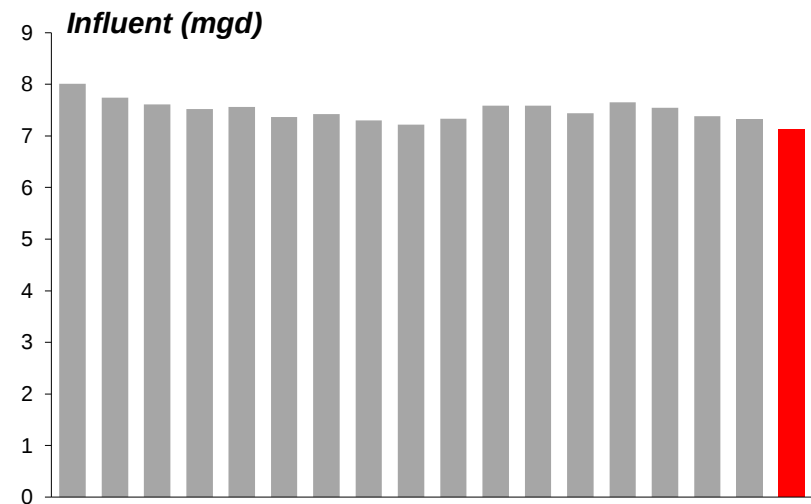
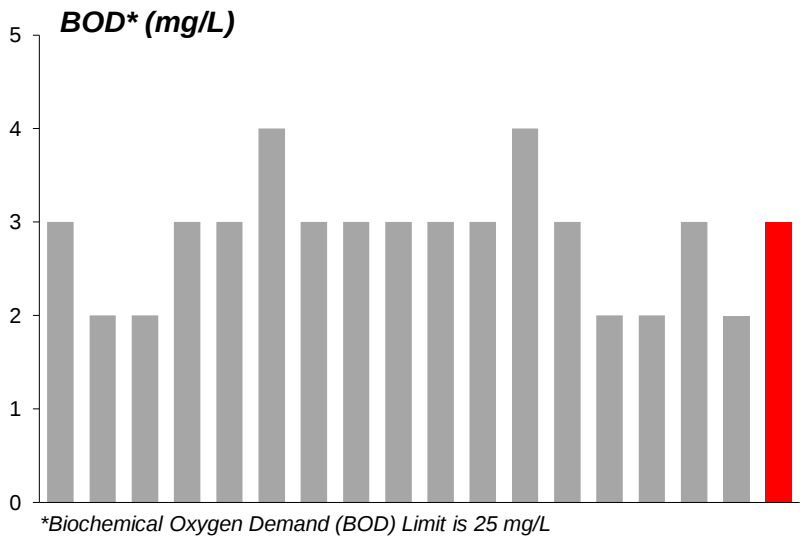
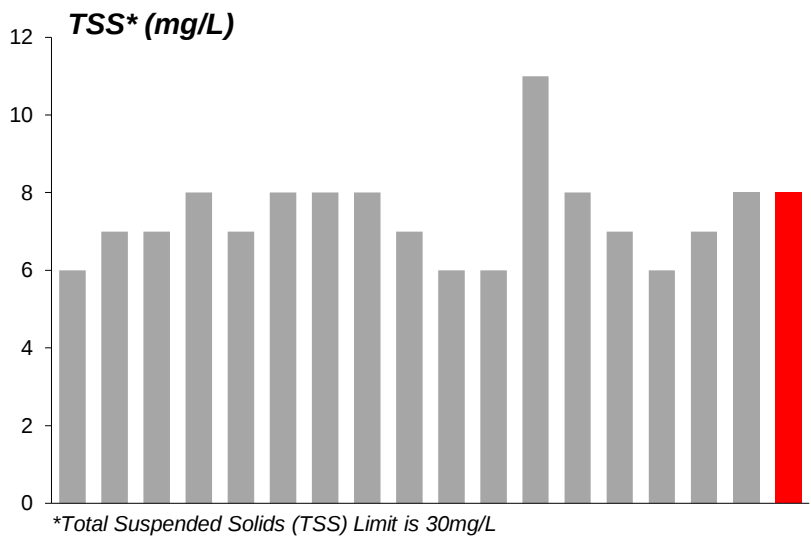


Wastewater Treatment

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.



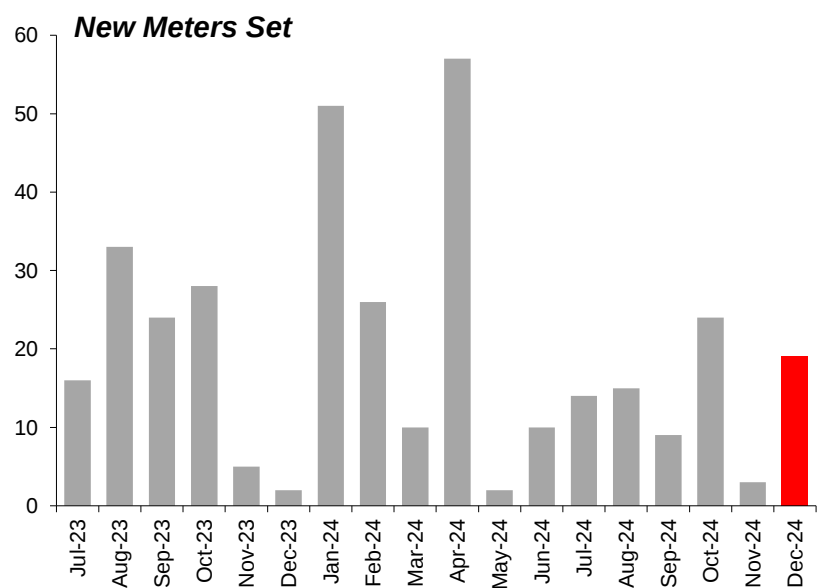
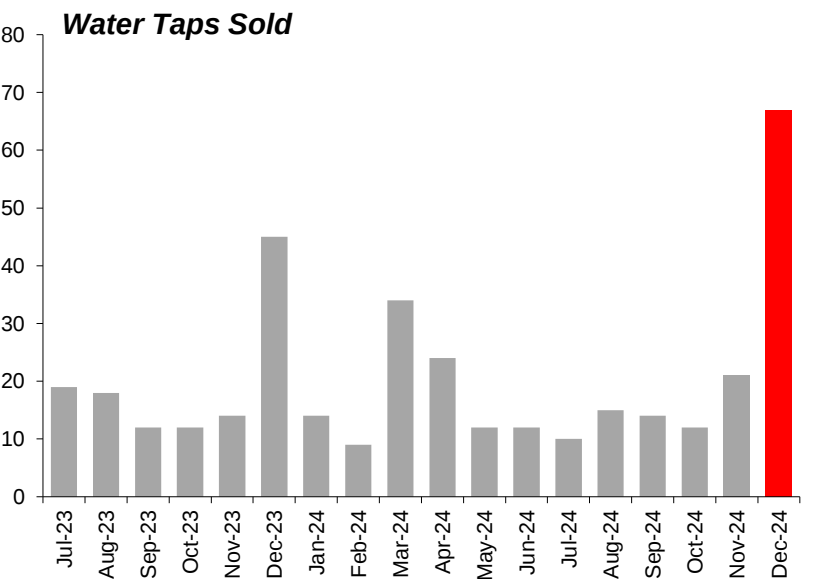
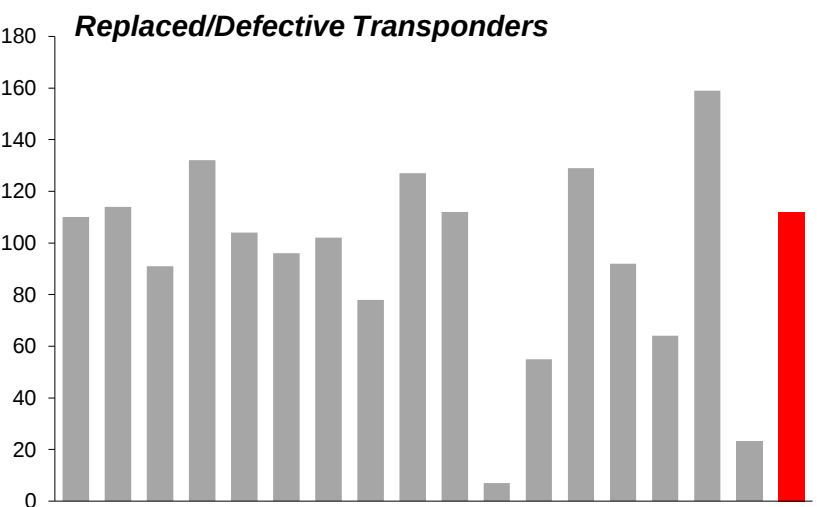
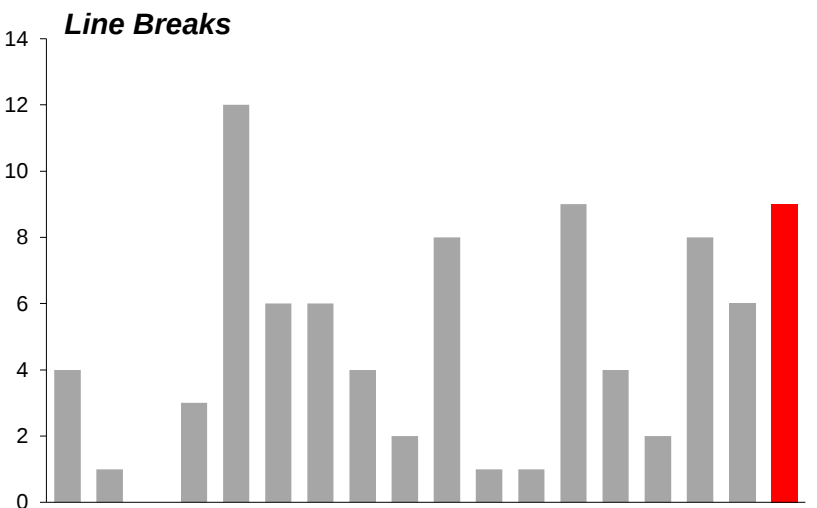
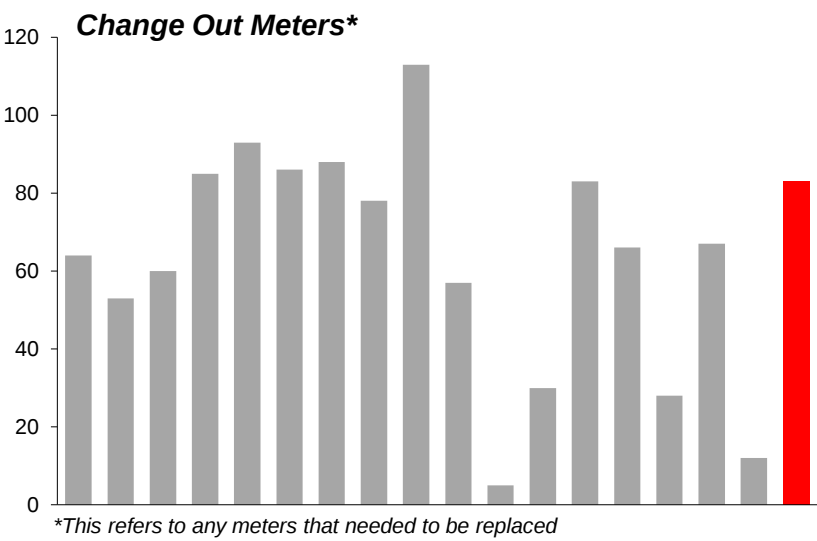
Water Distribution

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.



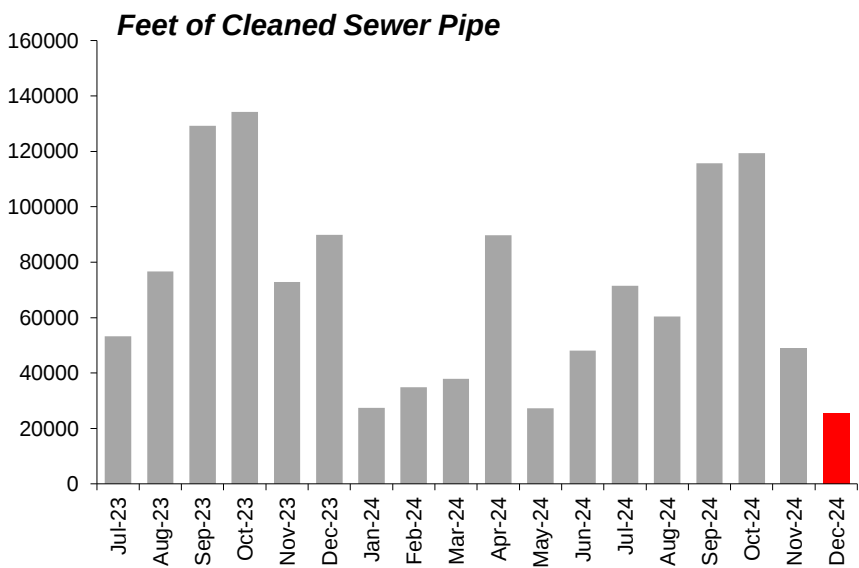
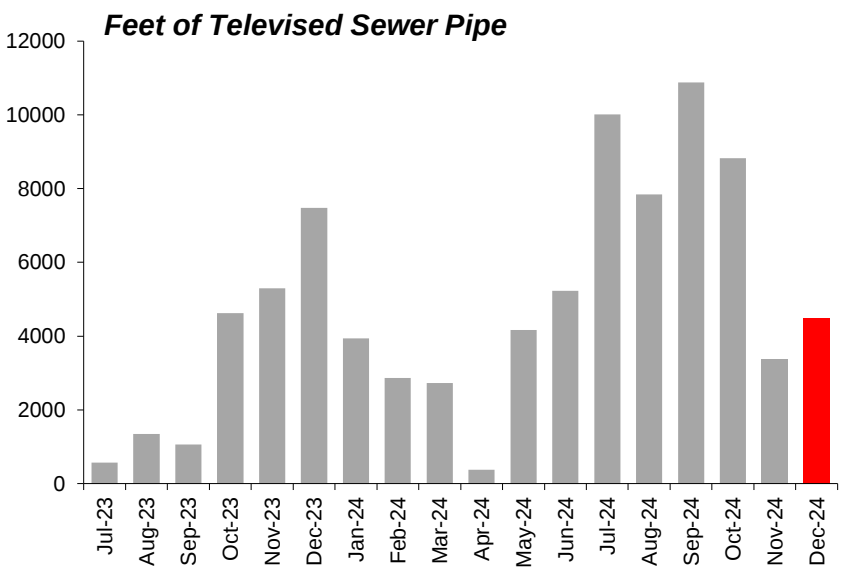
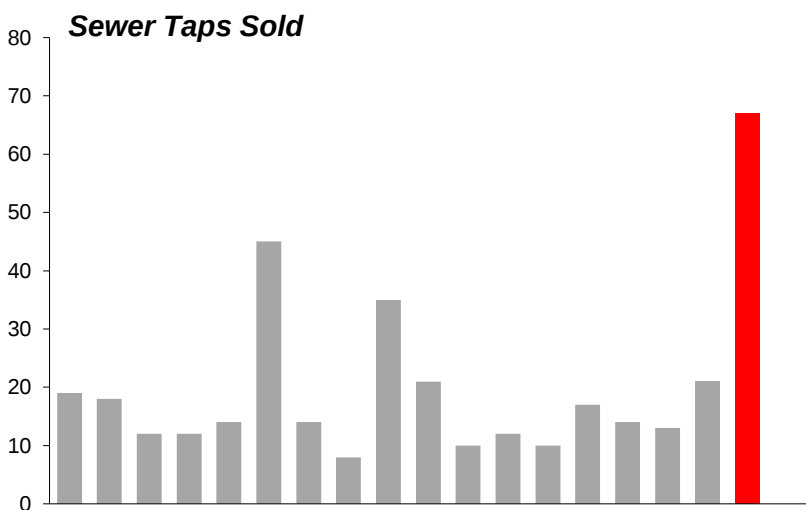
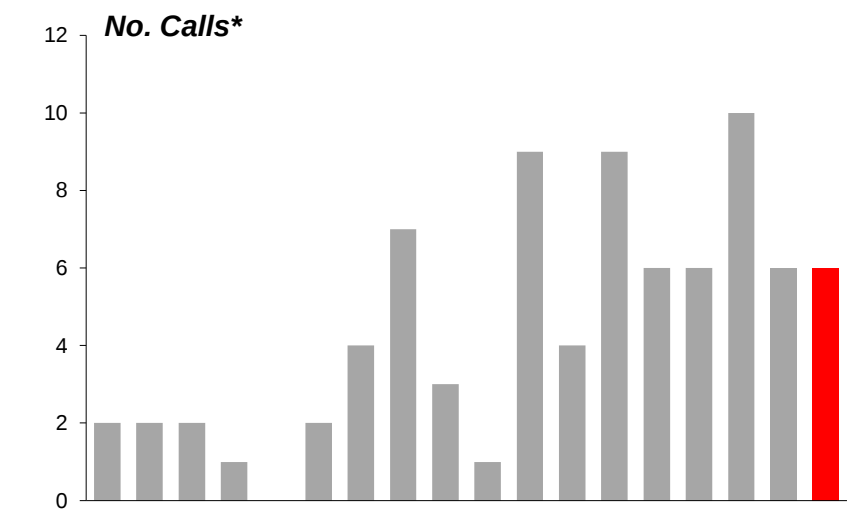
Wastewater Collection

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.

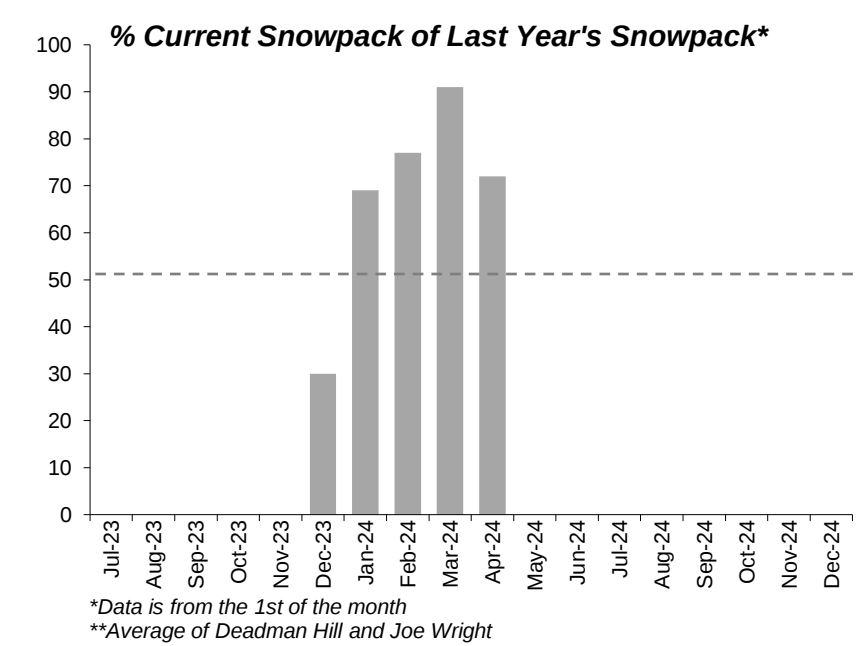
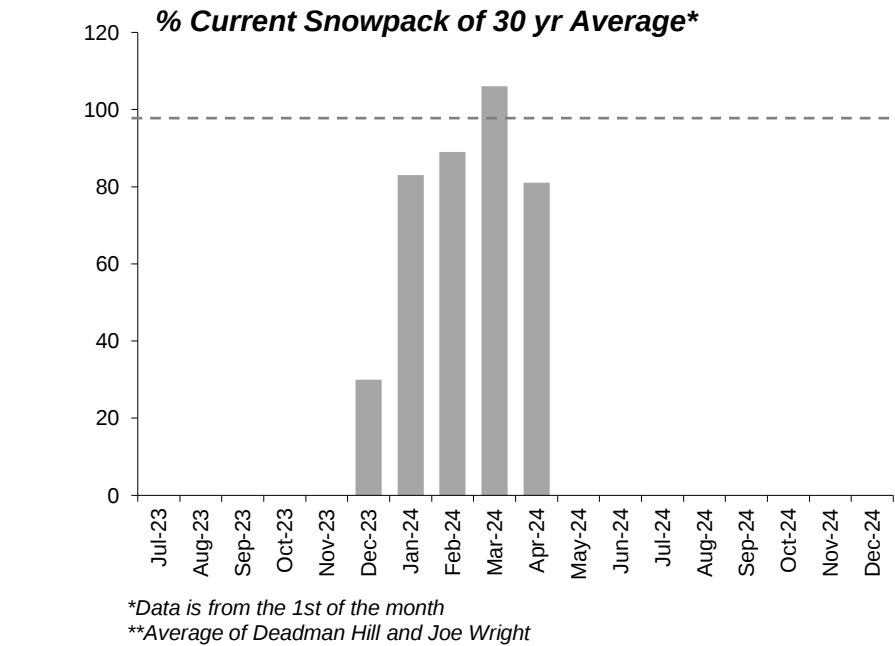
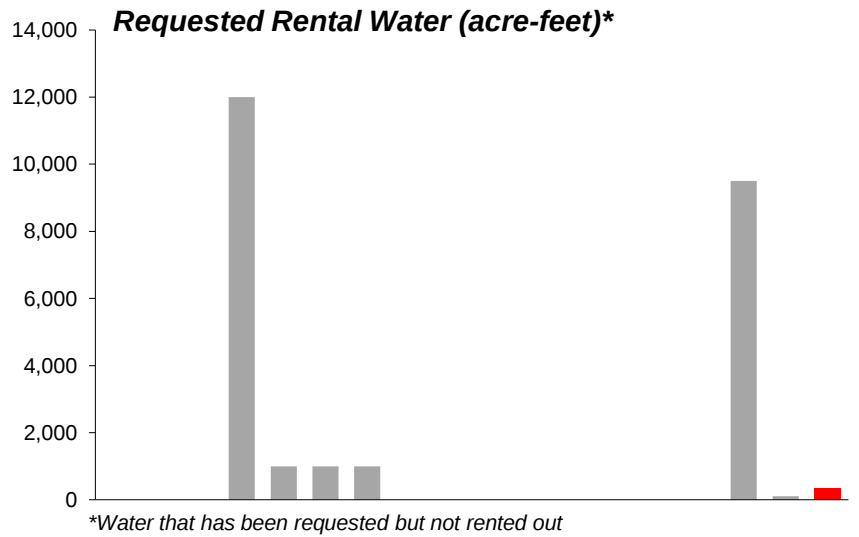
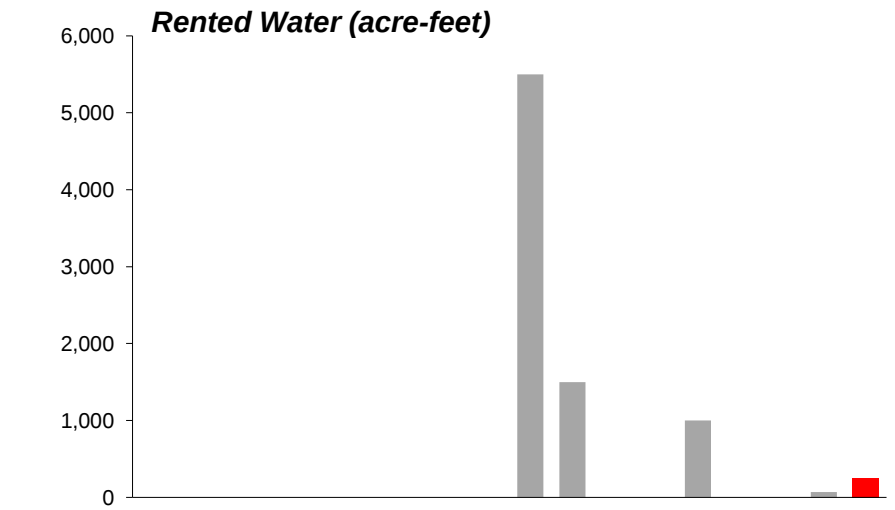
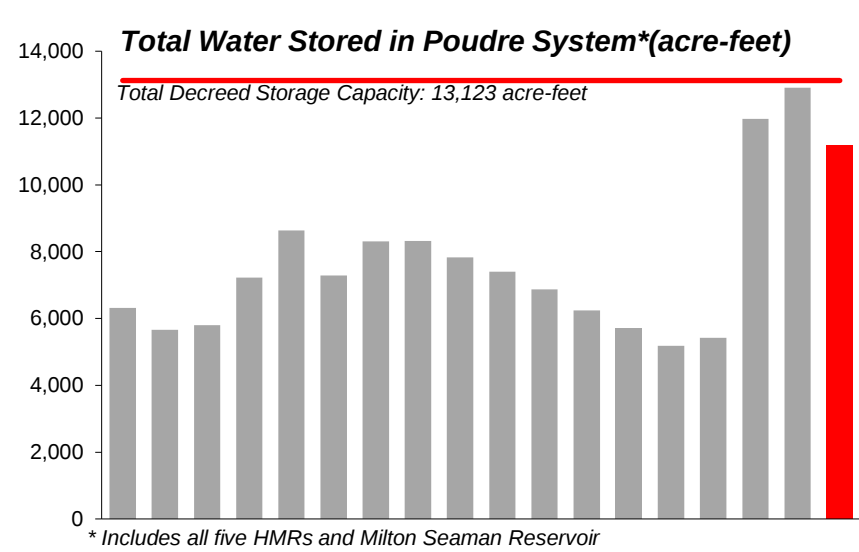
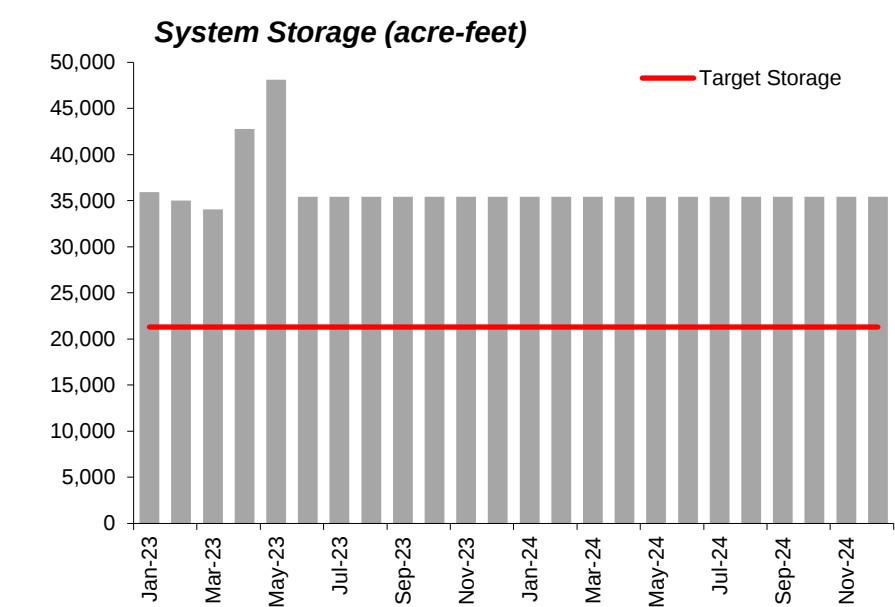


Water Resources

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.

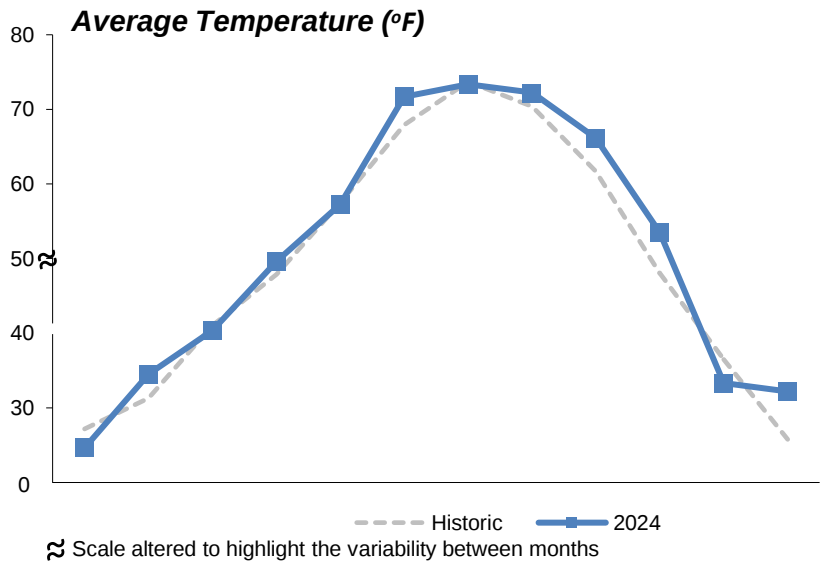


Treated Water and Weather Data

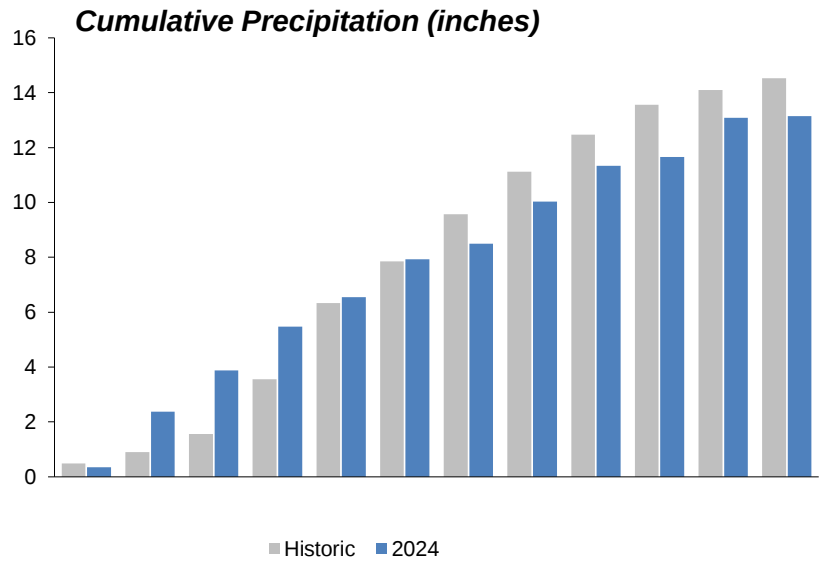
January was a cold month with an aveage temperature of 24.63°F. Temperatures warmed up in February with an average temperature of 34.52°F. The average teperature was 40.38°F in March and 49.62°F in April. May signaled the start of summer with an average temperature of 57.27°F. June tracked slightly higher than average at 71.6°F. July temperatures were seasonably average at 73.3°F. Temperatures in August were slightly above average, but slightly cooler than July. Temperatures in September were well above average with an average temperature of 66.19°F compared to the historic aveage of 61.7°F. Temperatures continued to remain about five degrees above average in October, with an average daily temperature of 53.5°F. November saw a reverse in the warming trend with the average daily temperature at just 33.3°F, about 3 degrees below average. December was exceptionally warm with an average daily temperature of 32.19 °F compared to the historic average of 25.78 °F.

Greeley received 0.35 inches of precipitation in January. A big snow storm brought 2.03 inches of precipitation in February. Greeley received 1.5 inches of precipitation in March and 1.6 inches in April. May brought less precipitation than expected, with 1.07 inches for the month. June precip was just below average, but kept the total precip above average. July was dry and only produced 0.58 inches of precipitation. There were 1.53 inches of precipitation in August, which is slightly below average. September precipitation was also slightly below average at 1.3 inches with cumulative precipitation just over 1 inch lower than the historic average. October saw the lowest precipitation o the year so far at just 0.32 inches, well below the historic average of 1.09 inches, leaving culmulative annual precipitation nearly two inches below average. Precipitation in November was nearly three times the average at 1.43 inches helping to bring cumulative annual precipitation to just 1 inch below average. December was extrememly dry with just 0.05 inches of precipitation ending the year at 13.14 inches of cumulative precipitation which is about 1.4 inches short of the historic average.

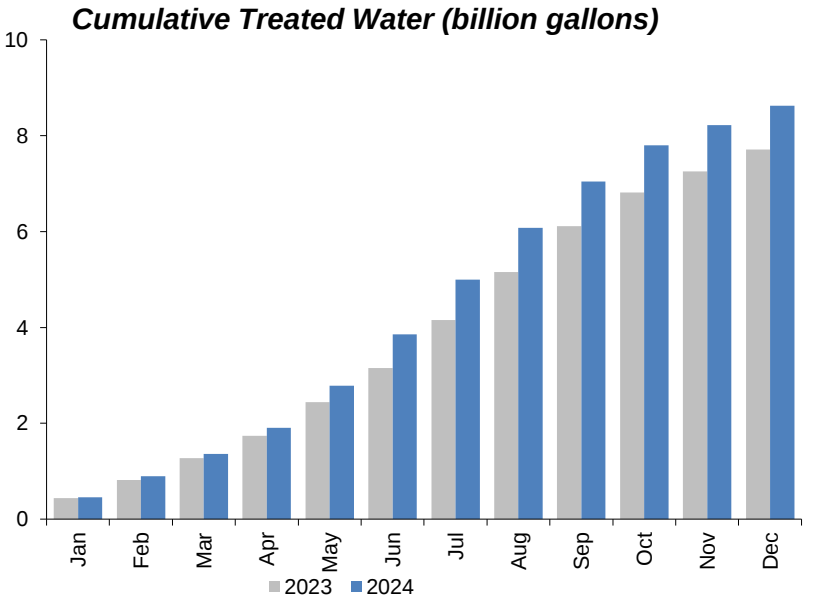
Average Temperature (°F)



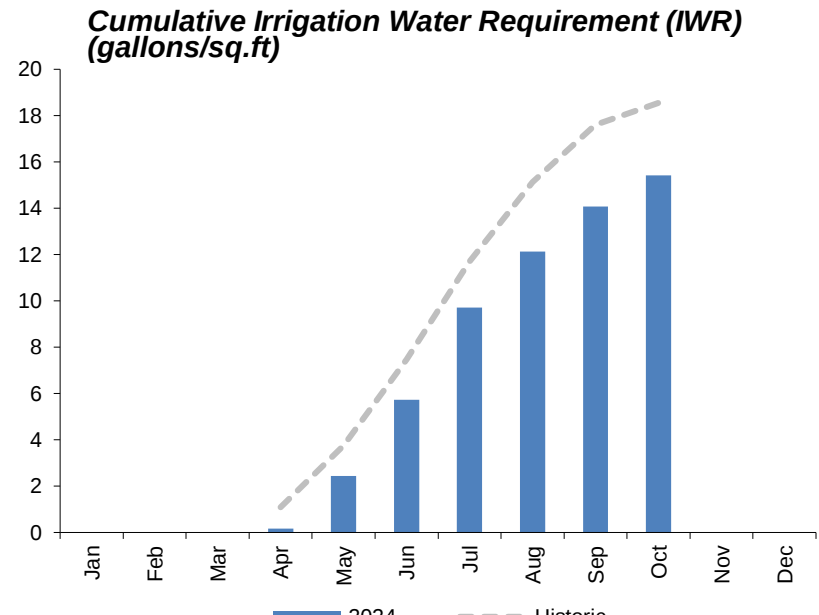
Cumulative Precipitation (inches)



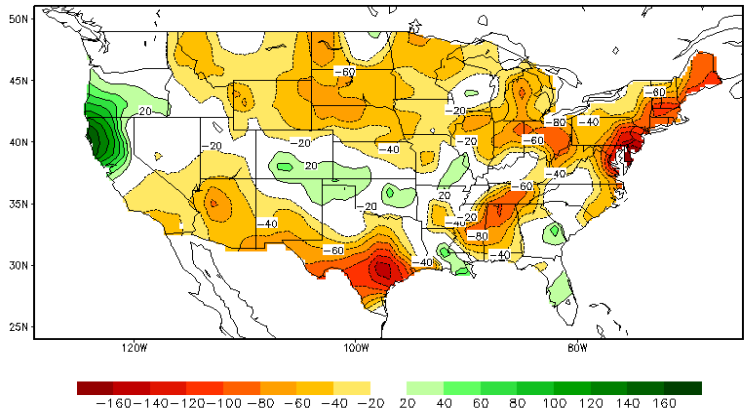
Cumulative Treated Water (billion gallons)



Cumulative Irrigation Water Requirement (IWR) (gallons/sq.ft)



Calculated Soil Moisture Anomaly (mm)
DEC, 2024



U.S. Drought Monitor

December 31, 2024
(Released Wednesday, Jan. 1, 2025)
Valid 7 a.m. EST

