

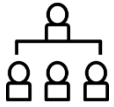
Water and Sewer Board

Regular Meeting

City Council Chambers – City Center South

1001 11th Avenue – Greeley, Colorado

May 15th, 2024 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/84218093588>

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

May 15, 2024 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. Manuel Sisneros _____ Mayor John Gates
 _____ Mr. Raymond Lee _____ Ms. Tyra Litzau
2. Approval of Minutes
3. Approval of the Agenda
4. Welcome New Employees and Promotions
5. Lead and Copper Rule and Private System Update
6. Non-Potable Infrastructure Plan & Equalizer Project Review
7. Tri Annual Water Court Review of Cases
8. Legal Report
9. Director's Report
10. Such Other Business That May Be Brought Before the Board Added to This Agenda by Motion of the Board
11. Executive Session
 - a. Acquisition of Non-potable Asset(s)
12. 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 April 17, 2024, 2024
Regular Board Meeting**

Chairman Harold Evans called the Water and Sewer Board meeting to order at 2:00 p.m. on Wednesday, April 17, 2024.

1. Roll Call

The Clerk called the roll and those present included:

Board Members:

Chairman Harold Evans, Vice Chairman Mick Todd, Tony Miller, Manuel Sisneros, Joeseeph Murphy, Mayor John Gates, Finance Director Tyra Litzau

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, Acting Deputy Director of Water Resources Kelen Dowdy, Utility Finance Manager Virgil Pierce, Water Resource Operations Manager Leah Hubbard, Civil Engineer II Keri Fishlock, Administrative Assistant II Dana Ortiz, Water Enterprise Financial Analyst Crystal Sanchez, Intern II Mitch Zombek, Water Efficiency Resource Coordinator Margarita Padilla, Water Conservation Manager Dena Egenhoff, Water Resource Administrator II Alex Tennant, Water Resource Administrator II Megan Kramer, Civil Engineer IV Jim Paulson,

Legal Counsel:

Supervising Senior Environmental and Water Resources Attorney Jerrae Swanson, Senior Environmental and Water Resources Attorney Dan Biwer, Environmental and Water Resources Attorney I Arthur Sayre, Counsel to Water & Sewer Board Attorney Jim Noble

Guests:

James Sutherland from Wingfoot, Communications Specialist II Cory Channell, PC Specialist Alik Cummins, Emeritus Robert Ruyle, Council member Deb DeBoutez

2. Approval of Minutes

Vice Chairman Todd made a motion, seconded by Mr. Murphy to approve the March 2024 Water and Sewer Board meeting minutes. The motion carried 5-0.

3. Approval of Agenda

Due to an error in packet item nine will proceed item eight in the Agenda order.

4. Welcome New Employees and Promotions

Deputy Director of Finance and Customer Service Erik Dial provided an introduction of new Water and Sewer Department employees starting this month.

5. Approval of Farm Lease Agreement (Cottonwood Bend Property)

Alex Tennant discussed that the Cottonwood Bend Natural Area was acquired and granted a conservation easement in 2016. The total property consists of 180 acres of various natural habitats. The proposed lease agreement is on the western most parcel which is known as Tennyson Meadows. On the northern most portion of this parcel is 10.5 acres of an alfalfa field which is bisected by the property line. North of the property line is owned by Kelly Longacre; he purchased the property from the Tennyson Family and has been irrigating it for the past few years. Mr. Longacre approached city staff about leasing the Greeley owned parcel due to the intent to farm the entire field and cited that the natural drainage of the field runs diagonal SE along Greeley's property towards the Poudre River.

The lease term is for one year, expiring December 31, 2024. The cost of the lease will be \$1,155.00 which equates to \$100/acre and an admin fee of 10% of the lease price. Greeley is providing no water in the lease; Mr. Longacre has sufficient irrigation shares ownership for the north portion of the parcel and the Greeley owned parcel.

The Board asked for additional clarification about the conservation easement, what it entails and how it is managed. Staff explained that it is a typical conservation easement that was granted by the property owner and held by third-party partners (the Town of Windsor and Larimer County, in this case). The primary purpose of the easement is to preserve the property as open space and maintain its natural resources and conservation values.

Vice Chairman Todd moved that the Board approve the Farm Lease Agreement with Kelly Longacre in the form enclosed, and delegate authority to the Director of Water and Sewer to make minor revisions to the lease prior to execution, and to authorize future renewals of the lease, provided the material substance remains unchanged. Mr. Miller seconded. The motion carried 5-0.

6. Approval of Big Thompson Platte River Ditch Company Bypass Agreement

Leah Hubbard presented the Bypass Agreement and recommended that the Water and Sewer Board approve the Agreement with the Big Thompson and Platte River Ditch Company. The previous Bypass Agreement expired on December 31, 2023. This Agreement allows Greeley to consistently deliver water from the Greeley Loveland Irrigation Company system to the South

Platte River, which is necessary to meet return flow obligations and augmentation demand. This Bypass Agreement will expire on December 31, 2028.

Mr. Miller moved that the Board approve renewal of the proposed Big Thompson Platte River Ditch Company Bypass Agreement, and delegate authority to renew this Agreement in the future under substantially similar terms to the Director of Water and Sewer. Mr. Sisneros seconded. The motion carried 5-0.

7. Declaration of Water Sufficient Year

Water Resources staff Megan Kramer and Alex Tennant presented to the Board the spring analysis of water supply, including projected runoff, C-BT yield and projected storage. Based upon the analysis and strong expected yields, staff recommended that the Board declare an "Adequate Water Year," with normal outdoor watering guidance under the water budget and therewith 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. Motion carried 5-0.

8. Integrated Water Resource Plan (IWRP) Update

Kelen Dowdy reviewed with the Board 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.

It was requested by the Board to schedule a Work Session item with the Council to go over the IWRP. Staff agreed to add it to the Council calendar.

Emeritus Robert Rule left the meeting at 3:19 pm
Dana Ortiz left the meeting at 3:25 pm

9. Ordinance of Lead Pipe Removal Update

Adam Prior and Keri Fishlock discussed how the EPA's Lead and Copper Rule Revisions (LCCR) and CDPHE regulatory mandates on public water systems that require the city to methodically investigate service lines and develop a comprehensive inventory of all private and public water service lines in the city. The service line inventory must include information on the current and prior service line materials and document any removal and replacement of lead services or galvanized lines that were at any time downstream of lead lines. This is a complicated rule, and the staff walked the Board through the city's program to meet the new regulatory framework and discussed the costs and challenges of the program.

Among the important elements of the replacement program, is that the city will be held accountable for the removal of lead service lines, regardless of their ownership. Therefore, the city will be offering to replace private service lines to single family and multifamily homes that qualify because of their service line materials. Therewith, the city will need a new Ordinance that obligates property owners to comply with the regulatory requirement to have all service mains containing lead be replaced; and if done timely and within the bounds of the city's program, the line replacement projects would be organized by the city and standard replacement costs covered by the city. A draft Ordinance to prohibit lead service lines, must require the removal of all lead service lines, and comply with LCCR and CDPHE Regulations was presented to the Board for their questions and feedback.

The Board appreciated the importance of this regulatory obligation and engaged in a discussion on the mechanics of the lead service line replacement program. The Board inquired about how property owners with limited financial resources would be assisted in meeting the replacement requirements. Further, the Board wanted to know if the city's willingness and ability to pay for service line replacements would be extended to private water systems that do not have the financial means to replace any lines found to be lead or downstream of lead.

A discussion was had about the history of how private systems were created, noting that most are behind a master meter, operated independently of the city and often not constructed to city standards. Staff noted that it will be helpful to have further analysis on the configuration, age, pipe material, and length of pipe in the approximately 75 private systems that exist within the city. Staff confirmed that many of these private systems were constructed in the 1950s through the 1970s, after most plumbers and engineers had stopped using lead pipe; but be that as it may, there is a lot of work to account for the actual materials in the ground and identify how they will be replaced. Engineering staff believed that upon further analysis, they could better quantify the extent of the private systems that might need replaced and identify a program that would help those systems in a way comparable to how the city plans to lend financial assistance to the replacement of residential lead service lines.

Water & Sewer Dept. engineering and GIS staff committed to undertake further work to analyze records, survey and take steps to collect information on the private systems before developing a proposal for how they can be supported in a fair and equitable way. The Board and staff agreed that said work is important prior to refining some elements of the proposed policy and prior to advancing the Ordinance. Staff will bring the data and proposal for how to best manage the private systems for future policy discussion at a future Board meeting.

Margarita Padilla left the meeting at 3:51 pm
Mayor John Gates left the meeting at 3:55 pm
Jerrae Swanson left the meeting at 3:58 pm
Dena Egenhoff left the meeting at 4:00 pm

10. Preliminary Budget Presentation

Erik Dial provided the Water and Sewer Board an overview of the 2025 Budget preparation process and the department's strategic and operational priorities. Board feedback was solicited for inclusion in the Water and Sewer Department's 2025 Budget preparation.

Cory Channell left the meeting at 4:19 pm

Crystal Sanchez, Alex Tennant and Council member Deb DeBoutez left the meeting at 4:26 pm

11. Legal Report

James Noble provided the Legal Report. Based on review of the February 2024 Water Division 1 Resume, and based upon the nature of the cases in the Resume staff and water counsel did not recommend that the Water and Sewer Board authorize filing any statements of opposition this month.

Mr. Noble provided a brief update on two water court cases to which Greeley is a party, that have been appealed by other parties to the Colorado Supreme Court. The cases include *Parker Water and Sanitation District v. State Engineer* and *In Re Water Rights of Lazy D Grazing Association*. Both cases are scheduled for oral argument at the Colorado Supreme Court on May 7, 2024.

12. Director's Report

Sean Chambers provided a short summary report including educational opportunities and updates on the legislative session, litigation settlement and on various operations activities.

1. Education, Advocacy and Events Calendar

Greeley Water & Sewer Board / City Council Annual Water Utilities Tour – Tentatively planned for June 7th

Colorado Interbasin Compact Committee – Triannual Meeting – June 18th

June 20, 2024 • 5-9pm • Hillside Vineyard & Event Center

<https://www.poudrewatershed.org/take-me-to-the-river>

The Colorado River District's Annual Water Seminar - Friday, September 20th, 2024 at Colorado Mesa University in Grand Junction

<https://www.coloradoriverdistrict.org/annual-water-seminar-2024/>

Colorado Water Conservation Board Annual all basins summit (C-9 Summit) – Oct. 1-2, 2024, in Crested Butte

<https://cwcb.colorado.gov/events/c9-summit>

2. Update on Conservation program partnership

Intergovernmental Agreement (IGA) to support the installation of water efficient fixtures installed into income qualified homes and supporting water conservation goals and priorities.

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

14. Adjournment

The meeting ended at 4:51 p.m.

Harold Evans, Chairman

Raymond Lee, Board Secretary



Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Welcome New Employees and Promotions

Summary:

New Hires: Myles French – Reservoirs Laborer
Shannon Vestecka – Conservation Laborer
Kendra Christensen – Crew Supervisor - Transmission and Distribution
Rhett Scott – Crew Supervisor - Transmission and Distribution
Zackariah Latham – Operator A - Boyd Water Treatment Plant
Cody Highley – Maintenance Technician - Collections

Promotions: Lonnie Lorton – Crew Supervisor I - Non-potable

Recommended Action:

Informational only

Recommended Motion:

Informational only

Attachments:

None



Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Keri Fishlock, Engineer, Adam Prior, Chief Engineer

Title:

Lead and Copper Rule and Private System Update

Summary:

The EPA's Lead and Copper Rule Revisions (LCCR) require the city to develop an inventory of all public and private water service line materials and remove lead service lines. The city is offering a free program to replace customer service lines that are found to contain lead. The City has reviewed the potential lead water services lines within the existing private water systems with an update.

The City is also proposing a draft policy for the Water & Sewer Board to review and provide input for the lead service line inventory and replacements program. Also included are Colorado funding sources for schools and daycare facilities.

Recommended Action:

Informational only

Recommended Motion:

Informational only

Attachments:

1. Lead Service Line - Private System Policy Update
2. COG Lead Inventory and Replacement Policy - Copy
3. COG Lead Inventory and Replacement Policy
4. Colorado Funding for School & Daycare



Private Systems and Lead Protection Policy - Update

Adam Prior
Chief Engineer

Keri Fishlock
Project Manager



Water & Sewer Board Presentation
May 15th, 2024

What is a Private Potable Water System?

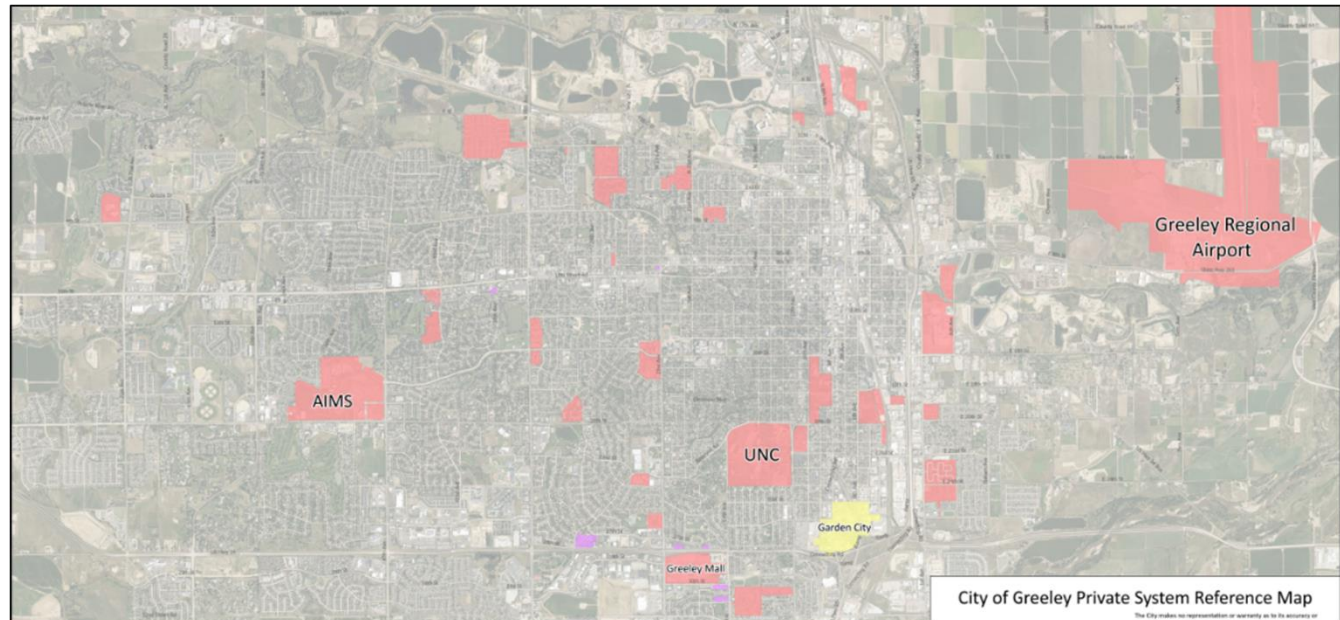
Private potable water system means a water system, located wholly within the city, that is connected to the city's water system but privately owned and maintained. A private potable water system includes systems that are:

1. Connected to the City's water system through a master meter
2. Designated as a private potable water system by the property owner during development of the property,
3. Considered a "Public Water System" under Colorado Department of Health and Environmental policies and regulations.

Private Systems & Lead Service Lines

Following feedback from the last Water Board we:

- Conducted a study to estimate the quantity of lead service lines that could exist within private systems.
- Began developing a policy that would offer limited assistance to Private Systems.



Risk Analysis Approach

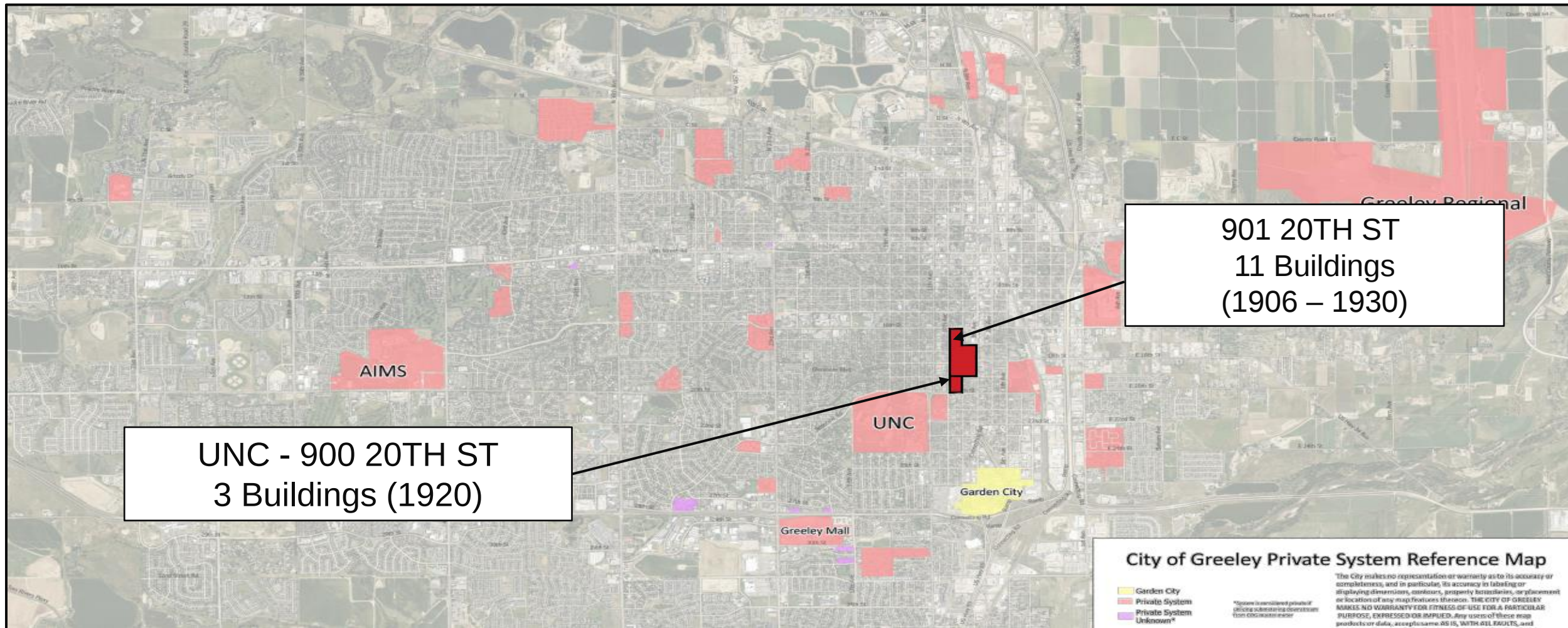
- Weld County Property data was utilized to review the build date of a total of 2,159 properties contained within private systems.
- Buildings were categorized by Build Date as follows:

Build Date:	Risk Level:
1960 or newer	Low risk
1931 to 1960	Medium risk
Older than 1930	High risk

Build Date Results:

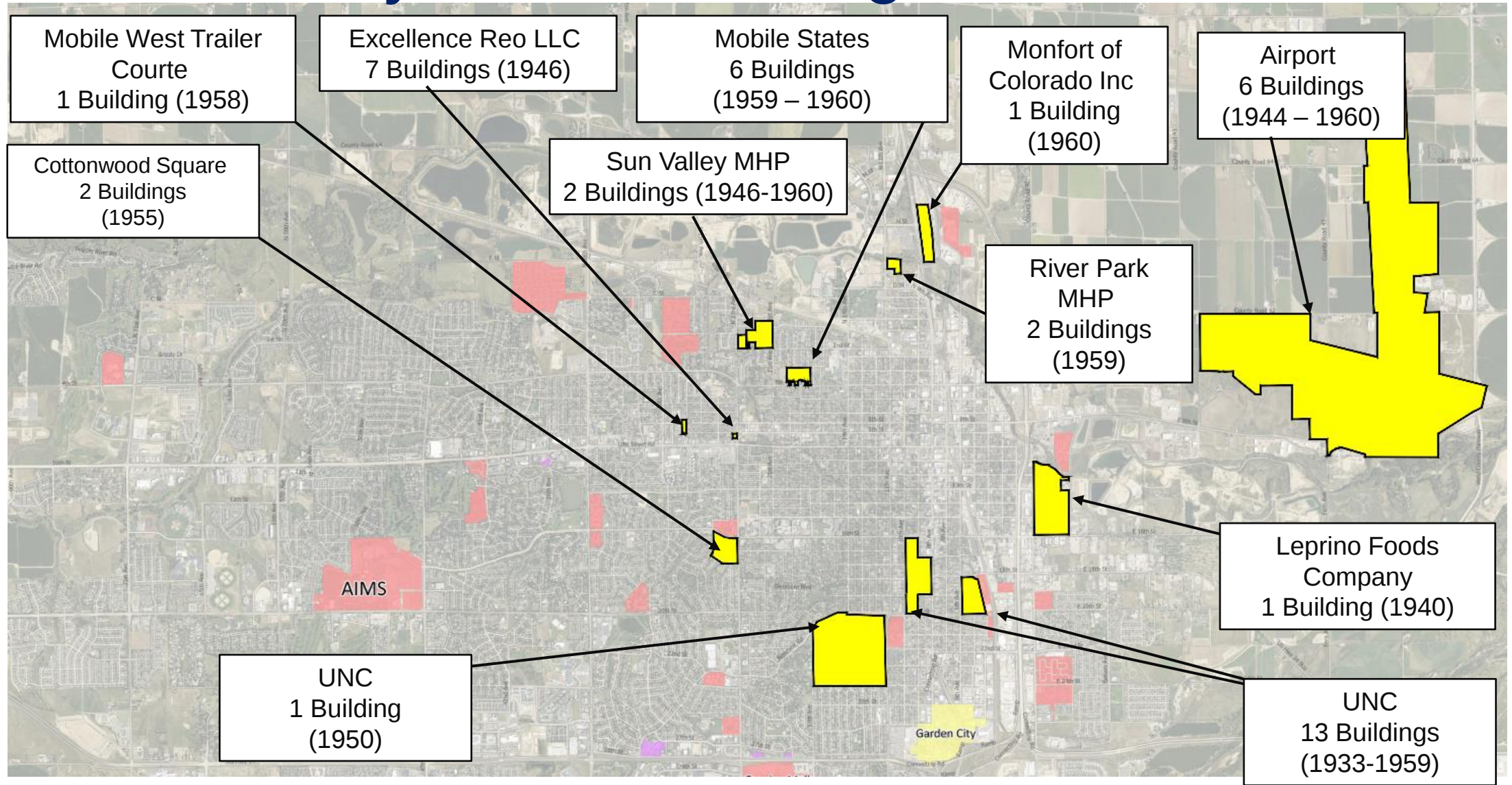
Build Date:	Risk Level:	Number of Properties:
1960 or newer	Low risk	2103
1931 to 1960	Medium risk	42
Older than 1930	High risk	14

Private Systems - Buildings built before 1930



Total = 14 Buildings

Private Systems – Buildings built 1930-1960



Total = 42 Buildings

Conclusions

- Most private systems service lines should be lead-free based on their build dates; but they still need to conduct an inventory.
- There are 14 properties in the high-risk category, these are all located at UNC.
- There are 42 properties in the medium-risk category, half are located at UNC or the airport.

Proposed Policy - Overview

The proposed policy seeks to:

- Promote public health by expediting the identification and removal of lead pipes in Private Systems.
- Maintain the responsibility of the Private Systems to conduct their own inventory and replacements.
- Provide a similar amount of financial assistance to Private Systems as we do to our direct customers.

Proposed Policy - Inventory

Private Systems shall submit an initial inventory to City of Greeley by October 2024 including:

- List of service lines and addresses served.
- List of construction dates for buildings.
- Full review of available water system records
- Visual inspection results

If potholing is required to remove “unknowns” from the inventory, this shall be the responsibility of the Private System but will be reimbursable at up to \$1,000 per property if completed by December 2025.

Proposed Policy - Replacements

- The Private System shall conduct their own water service line replacements.
- The City of Greeley will reimburse them up to \$15,000 per service line
- All replacements must be completed by December 2026 to receive reimbursement.

Cost of Helping Private Systems

Estimated Maximum Potholing Cost:

56 buildings x \$1,000 = \$56,000

Estimated Maximum Replacement Cost:

30 buildings x \$15,000/replacement = \$450,000

Total Estimated Maximum Cost: \$496,000

(Note almost 50% of that cost is related to buildings which received State or Federal funding)

Thank you & Questions





Lead Inventory & Replacement Program Policy

Draft 05.08.2024

Reference Documents

- Consent Form
- Proposed City Ordinance
- Lead Protection Program Plan
- CDPHE LCCR Regulations

All Customers / General

1. All Water & Sewer Customers are included in the water service line inventory performed by City of Greeley. All properties will be assigned a status of non-lead, lead or unknown by October 2024.
2. Properties identified with private-side water service lines constructed of lead or galvanized steel requiring replacement (GRR) will be eligible for a free or subsidized replacement performed by the City of Greeley or representatives.
3. Properties identified with galvanized steel private-side water service lines that are documented as always being downstream of non-lead materials are not considered GRR. These properties do not qualify for a free or subsidized replacement.
4. Any state or federal funded facilities will not receive City financial assistance since they have other State and Federal funding available.
5. Any group such as schools and day cares that have access to federal or state funding, the City may request assistance for the city to claiming funds

Water & Sewer Customers

1. Customers may be requested to allow access to their building for an inspection of their water service line.
2. Customers will be notified 2 weeks prior to potholing activities taking place on their property unless in an emergency.
3. Permission from the customer is not required per Greeley Municipal Code Sec. 20.85 to perform a pothole on their property.
4. Where feasible, potholes will be positioned in a location that will cause the least disturbance/damage to the property. For example, placing a pothole in softscape instead of on a concrete driveway.
5. If a customer refuses water service line material determination options, their water service line will be recorded as UNKNOWN and will be treated as a possible lead service line. The owner who opposes water service line material determination options shall fall under the same consequences as an owner who declines consent for a replacement.
6. Replacements will be performed in kind replacement services up to \$15,000 beyond this length, the property owner shall be required pay the additional cost.

Private Systems

1. Private Systems that are registered as Public Water Systems with the CDPHE are responsible to follow CDPHE regulations and submit their inventory to directly to CDPHE. In addition to their statutory requirements to the CDPHE, the City of Greeley Ordinance will require these systems to submit an inventory to the City of Greeley to ensure the public health of its citizens.
2. Private Systems that are not yet registered with the CDPHE will be required to submit an inventory to the City of Greeley. The City of Greeley will include these properties in the City of Greeley inventory.
3. All Private Systems are responsible to conduct their own inventory of their system. The inventory shall include each individual water service line. The inventory should comply with the current CDPHE requirements and guidelines.
4. An initial inventory is due October 2024 including the following items:
 - List of service lines and addresses served,
 - List of construction dates for buildings.
 - Full review of available water system records
 - Visual inspection results
5. For Private Systems constructed from January 1st, 1981, the system can be considered as non-lead.
6. If the historical review and inspections provide evidence that non-lead materials were used for buildings constructed after 1960 then all buildings built after this date can be considered “non-lead”. If lead is found, then further verification and investigation will be required according to CDPHE protocol.
7. Properties built before 1960 shall require full verification, that is a trustworthy historical record, visual inspection, physical potholing verification or combination thereof.
8. If potholing is required to remove “unknowns” from the initial inventory, this shall be the responsibility of the Private System but will be reimbursable at up to \$1,000 per property if completed by December 2025. The City of Greeley shall provide Private Systems with an inventory form and a guidance handout on verification methods.
9. The Private System are responsible for their own water service line replacements. The City of Greeley will reimburse them up to \$15,000 per service line connection or at fair market value of the actual replacement costs. The work must be completed to City of Greeley Water & Sewer Criteria by a licensed plumber and approved by City of Greeley Building Inspections. All pipes, fittings and materials must be compliant with plumbing code for potable drinking water. City of Greeley Design Criteria and Construction Specifications, Volume 3 and their most recent addition.
10. All replacements must be completed by December 2026 to receive reimbursement.
11. Failure to complete the inventory and all necessary replacements before 2026 shall result in further actions detailed in the ordinance including the option to turn off their water supply.



Internal Lead Inventory & Replacement Program Policy

Draft 05.08.2024

Reference Documents

- Consent Form
- Proposed City Ordinance
- Lead Protection Program Plan
- CDPHE LCCR Regulations

Water & Sewer Customers

1. Where potholing causes or reveals a leak on a water service line, the leak will be repaired by the City of Greeley.
2. Should a customer/owner state opposition to potholing, the contractor shall immediately stop work at that location and contact the delegated City of Greeley Project Staff. The staff member shall explain the project and options for evaluating the water service line materials (potholing or water service line inspection) to meet CDPHE requirements.
3. Water service lines constructed of lead will be given Priority Replacement Status and their replacements will be expedited where possible. Water service lines constructed of GRR will be replaced in their order of Phasing.
4. The property owner's written consent is required before a replacement is performed. The property owner or designee must be present during the replacement.
5. The property owner must respond per Lead & Copper Ordinance, or they will be termed as non-responsive.
6. The private side of the water service line and meter pit remain the responsibility of the property owner. The contractor will provide a two-year warranty to their work, the customer is responsible for ongoing maintenance and repairs to the water service line.
7. City of Greeley will select the method of water service line installation, this includes open-cut, directional drilling and pulling techniques to minimize impacts and project costs.
8. A water filter will be provided to high priority sites. These are sites with a history of lead on the public side, sites with known lead/GRR, and properties with unknown public side material built prior to 1930. Replacement cartridges shall be provided on a regular basis until the city has confirmed that the water service line material is neither lead/GRR or until 6 months after a replacement has been performed.
9. A water filter will be provided to any sites where a lead/GRR service line is identified. Replacement cartridges shall be provided on a regular basis until 6 months after the replacement has been performed.
10. After a water service line replacement is completed, a water quality test shall be offered to the property owner.
11. Noncompliant back flow devices or non-compliant irrigation taps will be disconnected and reported to Backflow Prevention & Cross Connection Control.

Colorado Table of Contents

[Brittingham Family Foundation](#)

The Foundation provides grants for a variety of projects, including health-based projects in California and Colorado.

[Colorado Building Excellent Schools Today \(BEST\)](#)

BEST grants can be used for construction and renovation of existing facilities and are available to a wide variety of education institutions in Colorado. The program is administered by the Colorado Department of Education, and its website provides many resources for applicants to better understand if they are eligible for funding and how to apply.

[Colorado Charter Schools Capital Construction Funding](#)

This program offers funding specifically for charter schools or to institute Charter School Capital Construction in the State of Colorado.

[Colorado Drinking Water State Revolving Fund](#)

This program, created by the 1996 Amendments to the Safe Drinking Water Act (SDWA), provides financial support to help water systems and states achieve public health protection. States rank the project applications they receive from water systems and produce a project priority list for funding. Read more online about the specific schedule and requirements for Colorado.

[Gates Family Foundation](#)

The Foundation provides grants to capital projects, including renovations. Eligible projects must be in Colorado.

[Joseph Henry Edmonson Foundation](#)

The Foundation provides grants to programs that enhance the quality of life. Eligible applicants must be a registered non-profit organization or another entity with a fiscal host that has a 501(c)(3) status and be in the Pike's Peak region of Colorado.

[Kaiser Permanente](#)

The Foundation provides grants to projects that address community health. Applicants must complete an eligibility quiz and be in California, Colorado, DC, Georgia, Hawaii, Maryland, Oregon, Virginia, or Washington.

[Kettering Family Foundation](#)

The Foundation provides grants to projects improving education, environment, and public benefit.

[Mabel Y Hughes Charitable Trust \(Part of Wells Fargo\)](#)

The Foundation provides grants to a variety of program types including health and education. Eligible applicants must be a charitable, educational, or religious institution in Colorado.



[The Boeing Company](#)

The Foundation provides grants to community projects. Eligible projects must be in a community with a Boeing location.

[The Colorado Health Foundation](#)

The Foundation provides grants to programs that strengthen community health. Eligible applicants include non-profit organizations and government entities.



Brittingham Family Foundation

Opportunity Description: The Foundation provides grants for a variety of projects, including health-based projects in California and Colorado.

Special Notes: Must create an online account for more information. Accounts can be created at: <https://www.grantinterface.com/Home/Logon?urlkey=bff>

Funding Priorities: Youth, health, and education.

Address: Brittingham Family Foundation, 1482 East Valley Road, Suite 703, Santa Barbara, CA 93108

Website: <https://www.brittinghamfamilyfoundation.org/>

Contact Phone: (805) 969-5415

Funding Type(s): Grant

Colorado Building Excellent Schools Today (BEST) Grant Program

Opportunity Description: BEST grants can be used for construction and renovation of existing facilities and are available to a wide variety of education institutions in Colorado. The program is administered by the Colorado Department of Education, and its website provides many resources for applicants to better understand if they are eligible for funding and how to apply.

Eligible Organization Type(s): School districts, charter schools, institute charter schools, boards of cooperative educational services, and the Colorado School for the Deaf and the Blind.

Funding Priorities: Construction/Renovation.

Address: 201 East Colfax Ave., Denver, CO 80203

Website: <https://www.cde.state.co.us/cdefinance/CapConstBEST.htm>

Contact Phone: (303) 866-6600

Funding Type(s): Grant

Colorado Charter Schools Capital Construction Funding

Opportunity Description: This program offers funding specifically for charter schools or to institute Charter School Capital Construction in the State of Colorado.

Eligible Organization Type(s): Charter Schools and Institute Charter School Capital Construction.

Funding Priorities: Construction, renovation, maintenance, finance, purchasing or leasing of facilities.

Website: <https://www.cde.state.co.us/cdefinance/capconstcharterscls>

Email: Fitzer_a@cde.state.co.us

**National
Opportunities**

Map

Funding Type(s): Grant

Colorado Drinking Water State Revolving Fund

Opportunity Description: This program, created by the 1996 Amendments to the Safe Drinking Water Act (SDWA), provides financial support to help water systems and states achieve public health protection. States rank the project applications they receive from water systems and produce a project priority list for funding. Read more online about the specific schedule and requirements for Colorado.

Eligibility: Applicant will be placed on a Project Priority List after applying.

Eligible Organization Type(s): Privately-owned* and publicly-owned community water systems and non-profit non-community water systems.

*Some states may have law(s) that prohibit funding privately owned water systems.

Funding Priorities: Planning and design, construction, and rehabilitation.

Website: <https://www.colorado.gov/pacific/cdphe/SRF-info>

Funding Type(s): Loan

Gates Family Foundation

Opportunity Description: The Foundation provides grants to capital projects, including renovations. Eligible projects must be in Colorado.

Funding Priorities: Educational equity, natural resources, and vibrant communities.

Address: 1390 Lawrence Street, #400, Denver, CO 80204-2081

Website: <https://gatesfamilyfoundation.org/>

Contact Phone: (303) 722-1881

Email: info@gatesfamilyfoundation.org

Funding Type(s): Grant

Joseph Henry Edmonson Foundation

Opportunity Description: The Foundation provides grants to programs that enhance the quality of life. Eligible applicants must be a registered non-profit organization or another entity with a fiscal host that has a 501(c)(3) status and be in the Pike's Peak region of Colorado.

Special Notes: Funding Cycles: December 1, March 1, June 1, and September 1.
Grant Min: \$500. Grant Max: \$100,000.

Eligible Organization Type(s): Non-profit organizations and other entities with a fiscal host as a 501(c)(3) status.

Address: 13 S. Tejon Street, Suite 200, Colorado Springs, CO 80903

Website: <http://www.jhedmondson.org/>

Contact Phone: (719) 471-1241

Funding Type(s): Grant

Kaiser Permanente

Opportunity Description: The Foundation provides grants to projects that address community health. Applicants must complete an eligibility quiz and be in California, Colorado, DC, Georgia, Hawaii, Maryland, Oregon, Virginia, or Washington.

Eligibility: The Foundation requires that the applicant complete an online eligibility quiz, which can be found on this website: <https://mosaic.versaic.com/login>.

Website: <https://share.kaiserpermanente.org/community-health/about-community-health/our-impact/>

Funding Type(s): Grant

*This opportunity is also available to California, DC, Georgia, Hawaii, Maryland, Oregon, Virginia, and Washington.

Kettering Family Foundation

Opportunity Description: The Foundation provides grants to projects improving education, environment, and public benefit.

Eligible Organization Type(s): Non-profit organizations, government entities, or religious organization affiliates.

Funding Priorities: Education, environment, and public benefit.

Website: <https://www.cfketteringfamilies.com/philanthropy/kff>

Contact Phone: (937) 228-1021

Email: info@ketteringfamilyphilanthropies.org

Funding Type(s): Grant

*This opportunity is also available to New York and New Hampshire.

Mabel Y Hughes Charitable Trust (Part of Wells Fargo)

Opportunity Description: The Foundation provides grants to a variety of program types including health and education. Eligible applicants must be a charitable, educational, or religious institution in Colorado.

Special Notes: Funding Cycles: March 1, July 1, November 2.

Funding Priorities: Education and environment.

Website: <https://www.wellsfargo.com/private-foundations/hughes-charitable-trust/>

Funding Type(s): Grant

The Boeing Company

Opportunity Description: The Foundation provides grants to community projects. Eligible projects must be in a community with a Boeing location.

Special Notes: Boeing does not support individual schools or programs serving schools.
Funding Cycle: Rolling.

There are state-specific guidelines for the grants process here:

<http://www.boeing.com/principles/community-engagement.page#/seeking-support>

The company's website lists local contacts for community-specific application schedules or guidelines.

Address: 5905 Legacy Drive, Suite 325, Plano, TX 75024

Website: <https://www.boeing.com/principles/community-engagement.page>

Contact Phone: (972) 705-8100

Funding Type(s): Grant

*This opportunity is also available to Alabama, Alaska, Arizona, California, Florida, Hawaii, Illinois, Maryland, Missouri, Montana, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, Texas, Utah, Washington DC/Potomac Region, Washington/Puget Sound Region.

The Colorado Health Foundation

Opportunity Description: The Foundation provides grants to programs that strengthen community health. Eligible applicants include non-profit organizations and government entities.

Special Notes: Funding Cycles: February 15, June 15, October 15.

Eligible Organization Type(s): Non-profit organizations and government entities.

Funding Priorities: Strengthening community health.

Address: 1780 Pennsylvania St, Denver, CO 80203



Website: <https://coloradohealth.org/>
Contact Phone: (303) 953-3600 and (877) 225-0839
Email: grants@coloradohealth.org
Funding Type(s): Grant





Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Adam Prior, Chief Engineer, Leah Hubbard, Water Resource Operations Manager

Title:

Non-Potable Infrastructure Plan & Equalizer Project Review

Summary:

The City started examining opportunities to exchange water from the WPCF to points on the Big Thompson River and to the GLIC ditch in 2005. As Greeley advanced its planning on water resources and non-potable irrigation water, several different concepts were developed and evaluated through the years. In 2016, the upper equalizer concept started developing to pump water from the GIC ditch at 71st Ave and put water into the GLIC ditch near HWY 34. This concept has been advancing in planning and design with much of the new alignment going along 83rd Ave to be coordinated with road widening and improvement projects to reduce project costs. Design and construction of the first phase started in 2021 with construction along 35th Ave to connect Poudre Ponds to the GIC ditch. An Operations Agreement with GIC was completed in 2022 to allow inputting water into the ditch at 35th Ave and removing water at 71st Ave. The design for phase 2 work for this project was started in 2022 with Brown & Cadwell preliminary being awarded the design work. This has been delayed until 2024 to accommodate evaluating other alternatives.

Recommended Action:

Informational only

Recommended Motion:

Informational only

Attachments:

1. Upper Equalizer Public



Upper Equalizer- Update

Adam Prior
Chief Engineer

Leah Hubbard
Water Resource Operations Manager



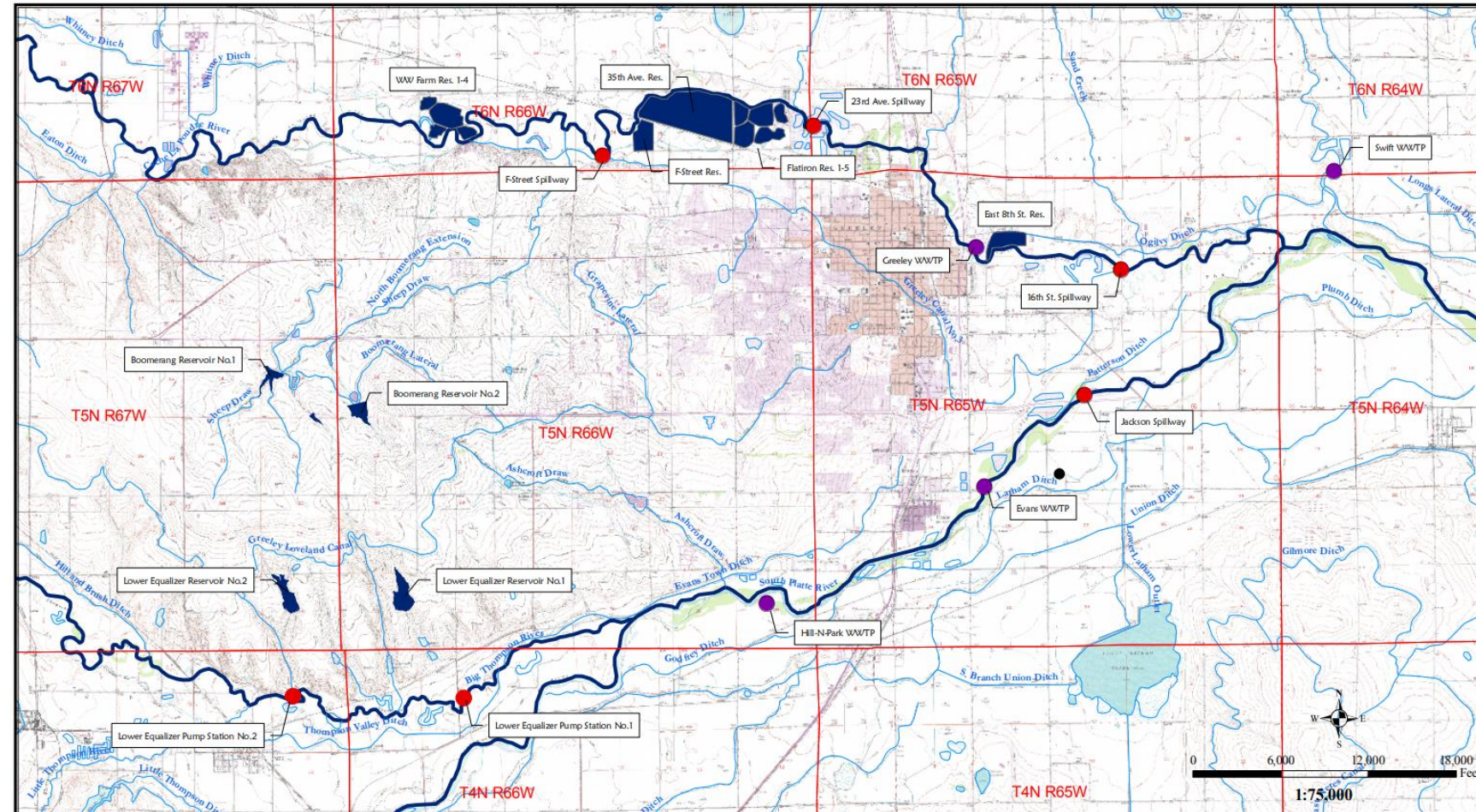
Water & Sewer Board Presentation
May 15th, 2024

Upper Equalizer Background

2005: Vision to utilize fully consumable effluent and exchange potential from Wastewater (WWTRF) to points on Big Thompson River (05CW326) and get additional water into GLIC ditch;

Assumes that Greeley, when treating changed agricultural rights and Windy Gap, would have excess effluent to use in the non-potable systems;

2011: Planned the Bernhardt Pit raw water storage, cost questions drove alternatives analysis



Water supplies equalizer exchange concept map - 2005

Upper Equalizer Background Cont.



Poudre Ponds aerial 2022

2014: W&S define strategy to develop Poudre Ponds, better use WWTRF effluent and use of Greeley No. 3 shares in equalizer system to retime raw water supplies and make non-potable water into the shoulder seasons;

2016: Designed capacities to move Poudre River water south to the GLIC ditch to feed the non-pot systems;

2019: Refined analysis of Greeley water rights to better utilize supplies and maximize flexibility within the system;

Non-potable supplies may include water from GLIC, GIC, Whitney, and New Cache

Upper Equalizer Non-Pot Master Plan

- Pumping from GIC ditch at 71st Ave to GLIC ditch east of Two Rivers Parkway
- Pipeline easement along 83rd Ave

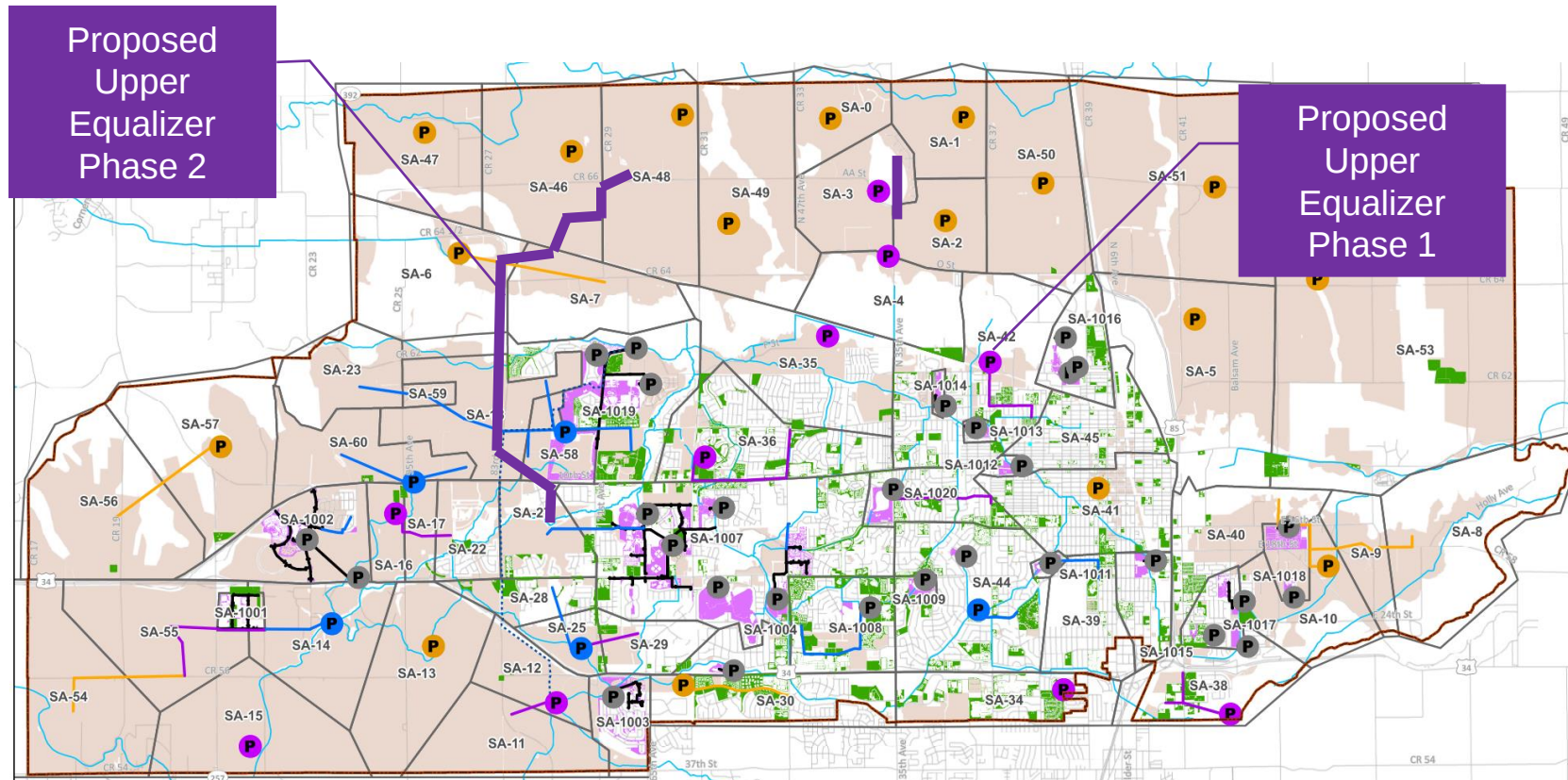


Table G-5 – Upper Equalizer Project OPCC and CIP Total

Item	Quantity	Unit Cost	Extended Cost	Total Cost
Water Distribution 36"	25,646	\$421/LF	\$10,805,334	\$10,805,334
Water Distribution 36" (Trenchless J&B)	850	\$1,960/LF	\$1,665,681	\$1,665,681
Water Distribution 36" (Trenchless HDD)	250	\$1,796/LF	\$449,047	\$449,047
Tier 1 Dewatering	350	\$105/LF	\$36,750	\$36,750
Tier 2 Dewatering	17,000	\$52.50/LF	\$892,500	\$892,500
Unit Cost Subtotal				\$13,849,313
Erosion Control/Stormwater Pollution Prevention	2%			\$276,986
Mobilization & Demobilization	5%			\$692,466
Subtotal				\$14,818,764
Contingency	35%			\$5,186,570
Opinion of Probable Construction Cost (rounded)				\$20,010,000
Easement	5% of OPCC			\$1,001,000
Feasibility and Site Studies	5% of OPCC			\$1,001,000
Preliminary and Final Design	5% of OPCC			\$1,001,000
Engineering Services During Construction	5% of OPCC			\$1,001,000
Outside Construction Management - not used if OPCC value is < \$1M	5% of OPCC			\$1,001,000
Outside Project Management - not used if OPCC value is < \$1M	3% of OPCC			\$601,000
Capital Improvement Plan Total				\$25,620,000

Benefits of Upper Equalizer



- Fully utilize non-treatable water supplies;
- Leveraging the irrigation ditch and lateral infrastructure within Greeley for the efficient delivery of raw water for non-potable irrigation;
- Fully capitalize on wholly consumable water rights upon their discharge from WWTRF, if they are not being rented or used for return flow obligations;
- Increased efficiency for the shoulder seasons irrigation; providing raw water when ditches are not yet running to eliminate potable water on turf and landscaping;
- Allows the city to acquire and use significantly more affordable water on the lower Poudre;
- Supports a clean, green and beautiful community

Upper Equalizer Status



Upper Equalizer Phase 1 – GIC Connection

- Designed Connection from Poudre Ponds to GIC ditch
- Completed 24" NP line from GIC to railroad along 35th Ave with road widening project in 2021.
- Operations Agreement to exchange water to GIC ditch at 35th Ave and remove water at 71st Ave in 2022
- Planned completion of 24" NP line to Poudre Ponds with 35th Ave widening in 2026
- Planned to start designing upper equalizer along 83rd Ave from 2022 to present

Thank you & Questions





Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Samantha Harshbarger, Water Resource Administrator III

Title:

Tri-annual Water Court Review of Cases

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 first trimester, Greeley filed five statements of opposition and stipulated out of six cases. Water court legal costs equaled \$118,013 and engineering costs equaled \$113,955 for a total annual cost of \$231,968.

Recommended Action:

Informational only

Recommended Motion:

Informational only

Attachments:

1. Water Court Update

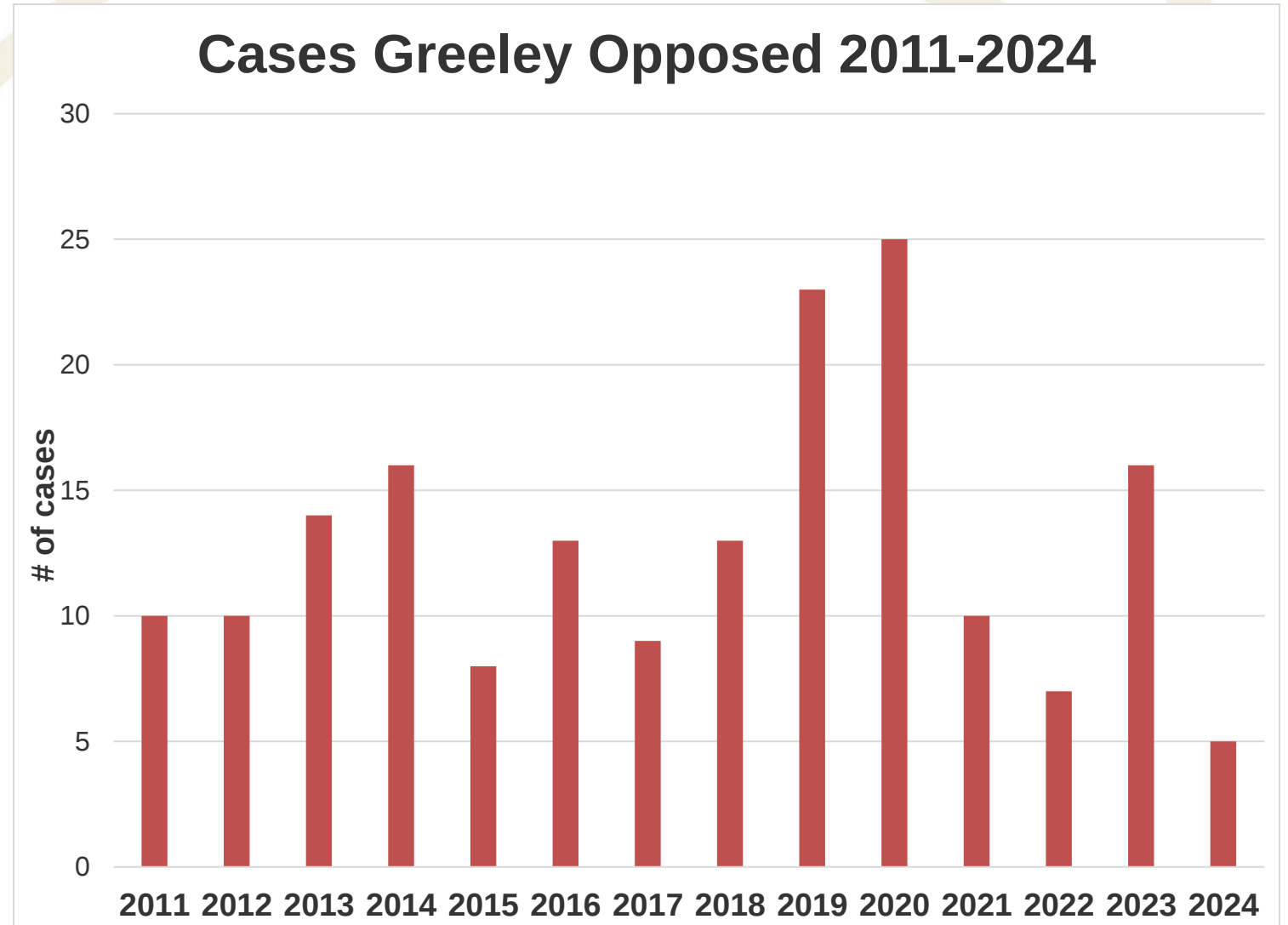
1st Trimester Water Court Update

Sam Harshbarger, Water Resources Administrator II

May 15th, 2024

Statements of Opposition

- T1 2024: 5 statements of opposition filed and 6 stipulations reached
- Number of cases Greeley is *currently* an opposer: **33**
- Total number of active cases in 2024: **37**



Greeley as Applicant

Poudre Instream Flows Aug. Plan 21CW3056



- Preserve and improve Poudre River instream flows
- Co-Applicants with CWCB, Fort Collins, and Thornton
- Greeley using GIC rights
- 20 statements of opposition filed
- Case has been re-referred to Judge
- Status Conference on 5/9 and SWSP being filed

Greeley as Applicant

Greeley Change of WSSC (22CW3042)

- Changing 23.917 shares
- 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; 3 stipulations reached
- Greeley will respond to 4th round of comments by May 31st.



Greeley as Applicant

Greeley Lower Poudre Diligence (22CW3220)



- Filed application on December 31st, 2022
- Greeley claiming additional amount of junior storage right as absolute for a total of 1,458.6AF
- Greeley also seeking to increase rate of exchange from 6.14 cfs to 9.04 cfs from WWTP to Boyd and Freeman Headgate
- 4 statements of opposition were filed
- All parties have stipulated; final decree will be submitted to court.

Greeley as Applicant

Greeley Lower Poudre Water Stewardship Project Diligence (23CW3158)



- Filed application on November 30, 2023.
- Greeley is not claiming additional conditional groundwater rights or rights of exchange as absolute.
- 3 statements of opposition filed
- Status conference 7/9

Legal & Engineering Expenses

2023 Costs

Legal	\$ 118, 013
Engineering	\$ 113, 955
Total	\$ 231,968

This is 39.5% of the \$587,472 spent in 2023



Questions?





Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Leah Hubbard, Water Resource Operations Manager

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 March 2024 Water Division 1 Resume, staff and water counsel recommend that the Water and Sewer Board file a statement of opposition by the end of November, 2023 to the following water court application:

Case No. 24CW3041: This case involves a claim for nontributary groundwater rights in the Upper Laramie aquifer in Weld County. Applicant claims an annual average amount of 16,116.64 acre feet per year from the aquifer. The overlying land for this claim consists of approximately 11,631 acres, located in Townships 11 and 12 North, Range 65 West. This is about six miles east of the Terry Ranch and north of Greeley. 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.

Recommended Action:

Staff and water counsel recommend authorizing filing a statement of opposition in Division 1 Case Number 24CW3041.

Recommended Motion:

"I move that the Board authorize filing a statement of opposition in Case No. 24CW3041 and for staff and legal counsel to seek resolution of issues raised by this case consistent with Water and Sewer Board Resolution No. 3-15."

Attachments:

None



Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Director's Report

Summary:

The Director will provide a summary report including educational opportunities and updates on various operations activities

Education, Advocacy and Events Calendar:

- Greeley Water & Sewer Board / City Council Annual Water Utilities Tour –

Friday, June 7th from 8:30 am to approx. 4:30 pm

Includes stops at SCADA and controls, Gold Hill, Bellvue Filter Plan and Chimney Hollow Reservoir construction site.

- Colorado Interbasin Compact Committee – Triannual Meeting – June 18th

- June 20, 2024 • 5-9pm • Hillside Vineyard & Event Center

<https://www.poudrewatershed.org/take-me-to-the-river>

- The Colorado River District's Annual Water Seminar

Friday, September 20th, 2024 at Colorado Mesa University in Grand Junction

<https://www.coloradoriverdistrict.org/annual-water-seminar-2024/>

- Colorado Water Conservation Board Annual all basins summit (C-9 Summit) – Oct. 1-2, 2024, in Crested Butte

<https://cwcb.colorado.gov/events/c9-summit>

Regional Water Initiatives:

On May 8th, City of Thornton obtained Larimer County BoCC approval of the 1041 land use permit for their Northern Water Project pipeline from WSSC Reservoir No. 4 out to the Weld Co line. More at <https://coloradosun.com/2024/05/09/larimer-county-thornton-water-pipeline-approval/>

Greeley and Ft. Collins completed an IGA covering a shared engineering study to further analyze water quality and operational impacts to Greeley's Milton Seaman Reservoir and Bellvue Treatment Plant that

would be a result of Ft. Collins Halligan Reservoir expansion project on the North Fork of the Poudre River. AECOM will undertake the analysis, and to the extent infrastructure changes need be made at Milton Seaman's outlet gates to manage water quality and / or facilitate operations necessary to Ft. Collins, AECOM will consider how those modification would tie into the gate replacement project that Greeley has planned for 2025-2026.

Utility Billing Customer Information System Project Update:

Replacing Greeley's legacy CIS system is ready to move forward with Spry Point contract fully executed.

SpryPoint CIS project kick off on June 11th. Working to contract with Invoice Cloud for 3rd party secure payment processing. An external communications PFQ is posted and the project will bring on communications support to augment the project team, vendors and City Communications and Engagement Dept. staff. Krystal Dilka is Greeley's staff project manager, and she will leverage external project support as needed from Plante Moran consultants.

Recommended Action:

Informational only

Recommended Motion:

Informational only

Attachments:

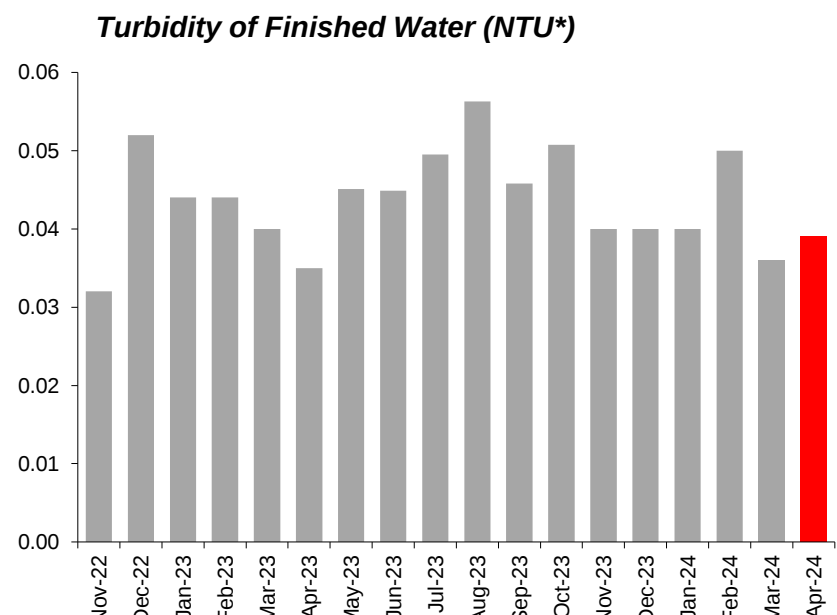
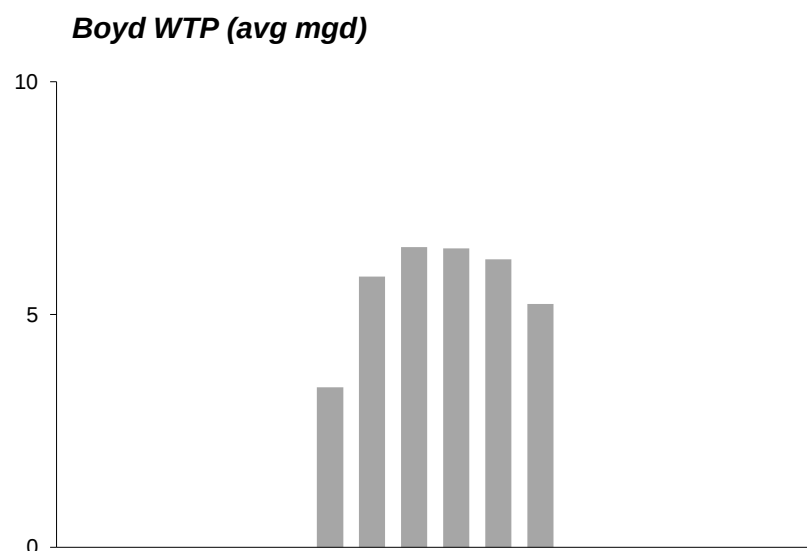
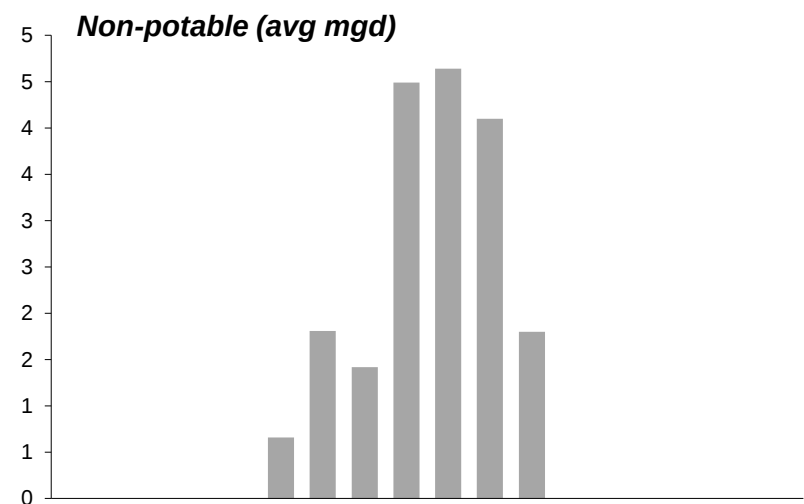
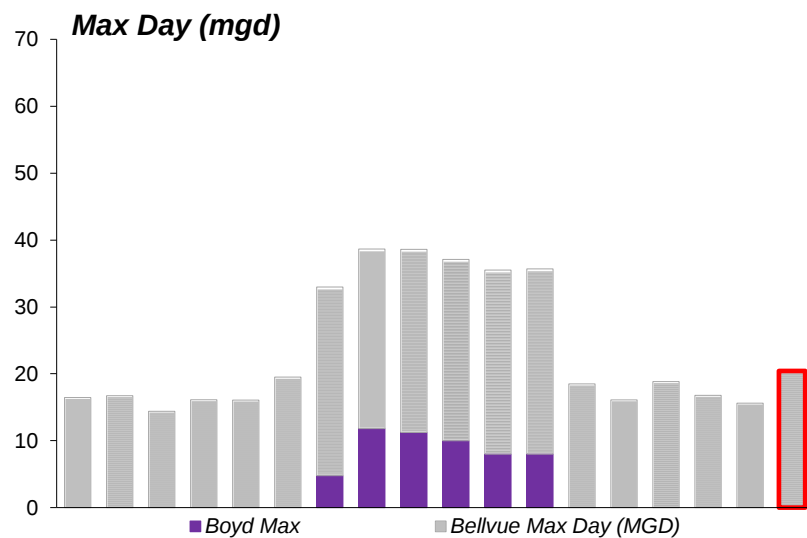
1. Board Meeting Charts_2024

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).

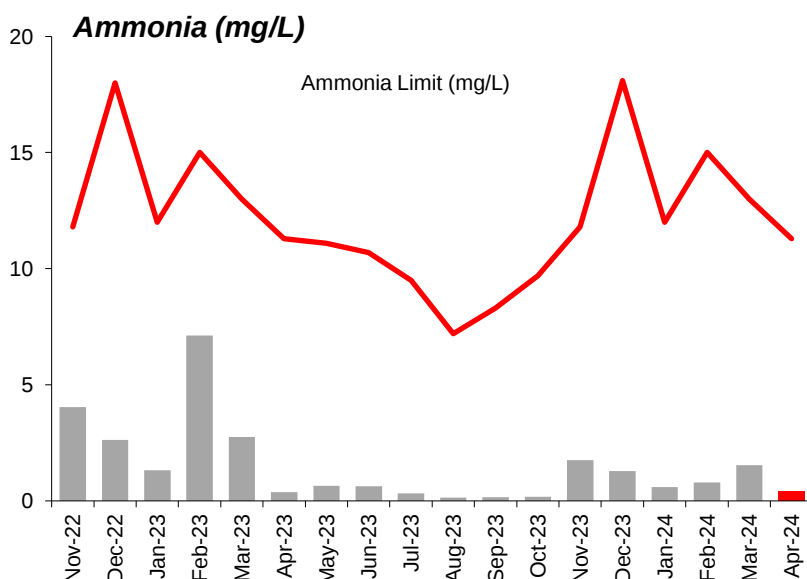
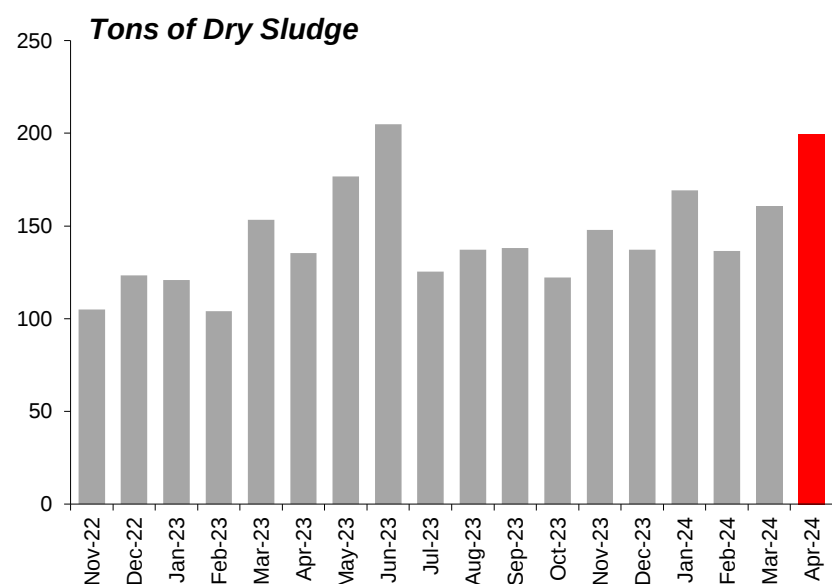
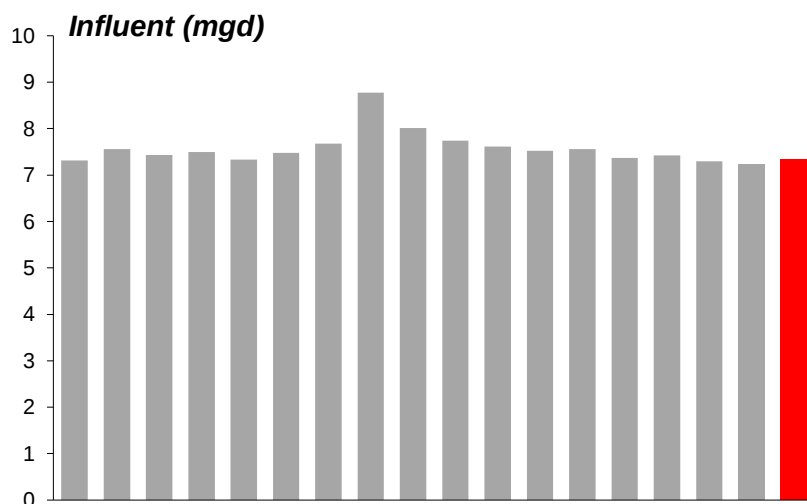
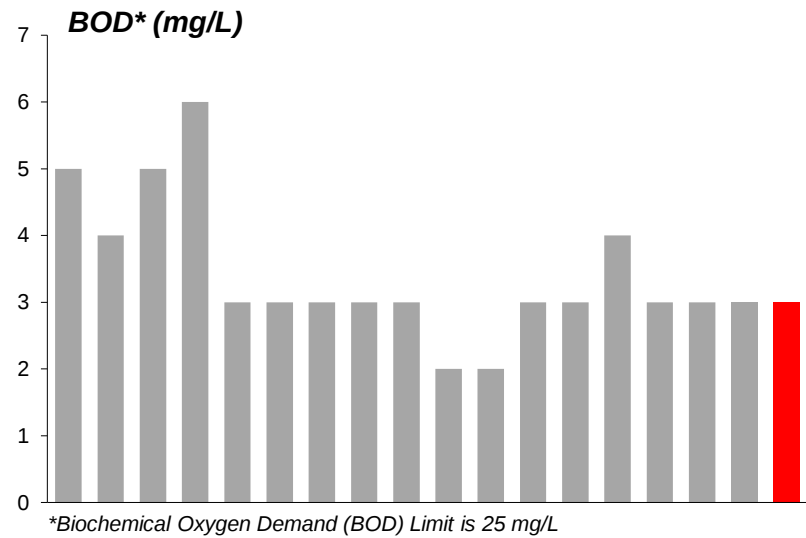
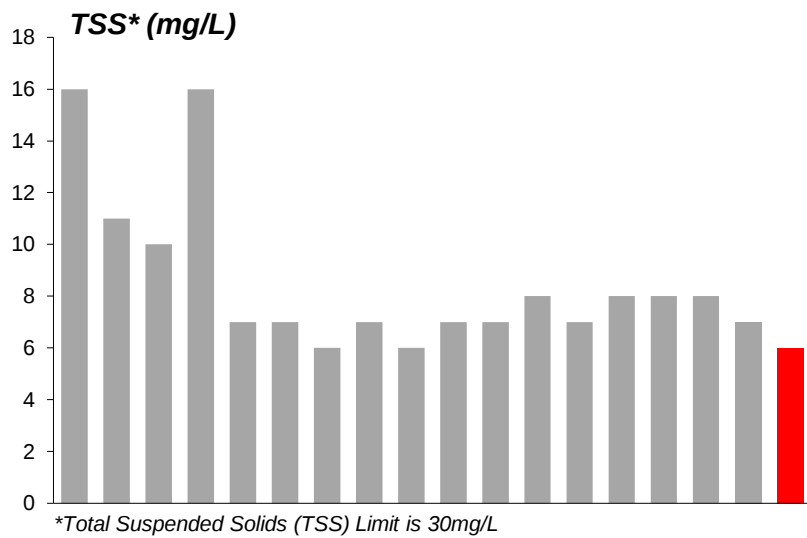


Wastewater Treatment

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.



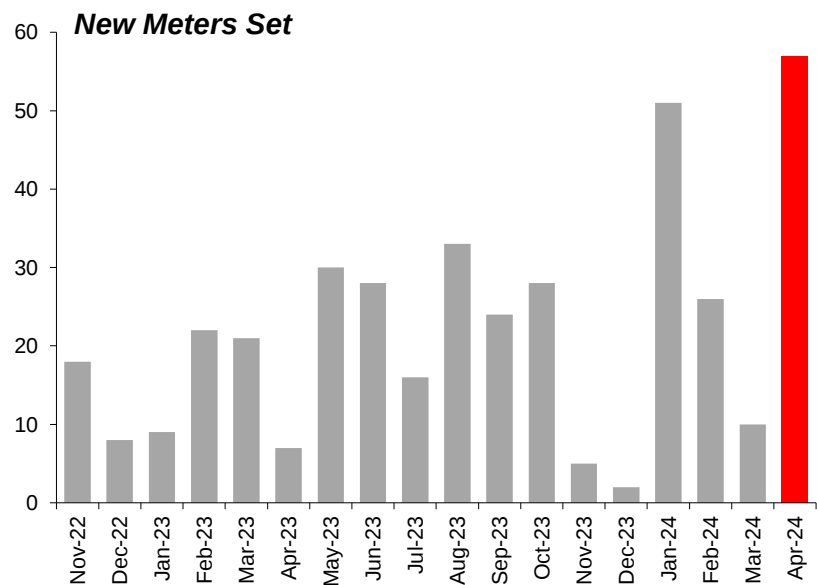
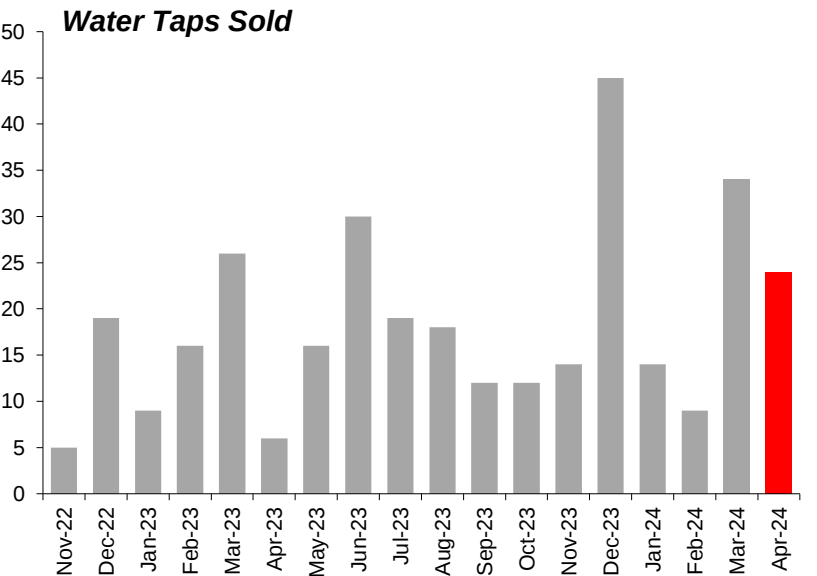
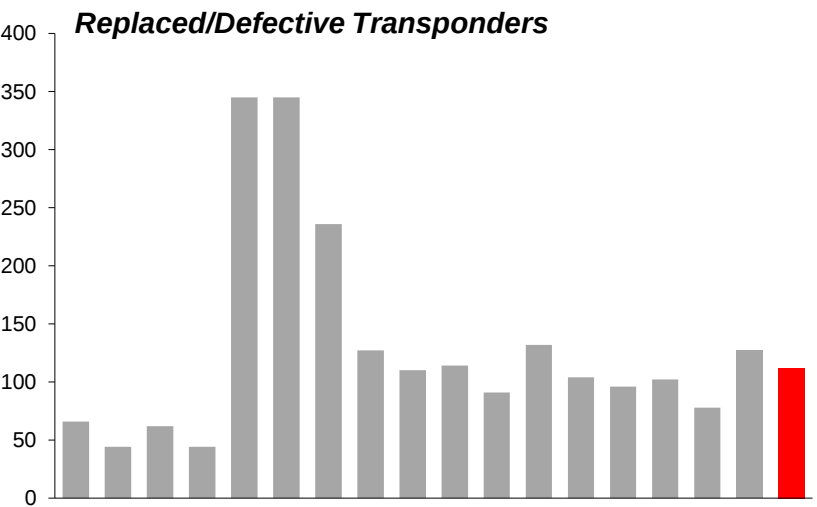
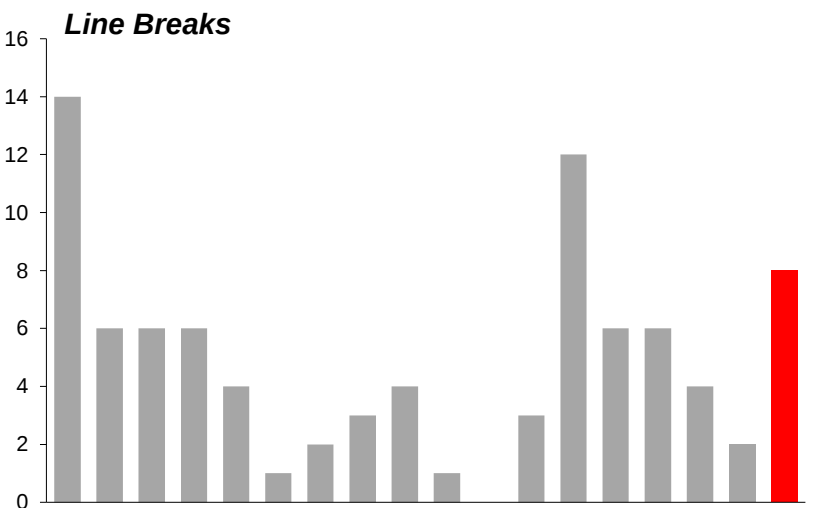
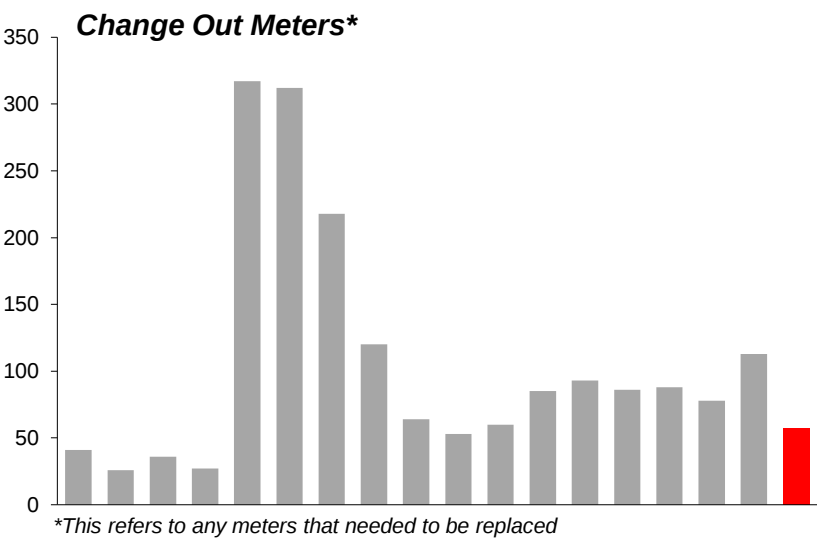
Water Distribution

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.



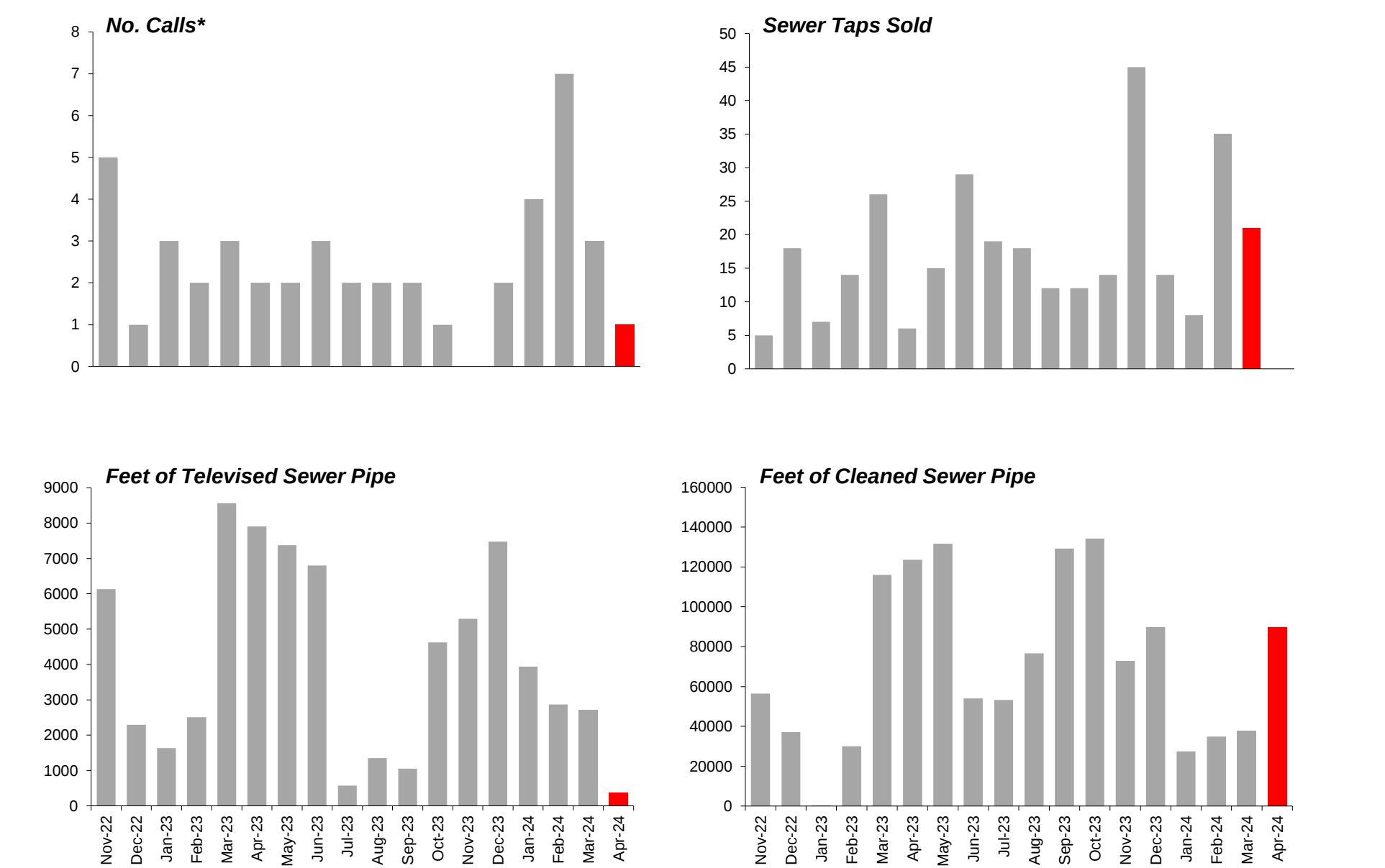
Wastewater Collection

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.

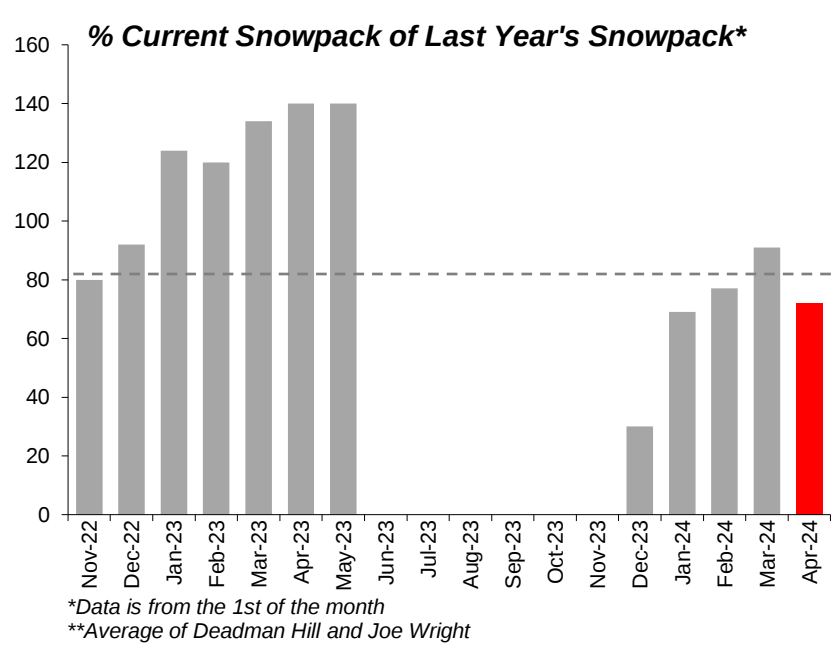
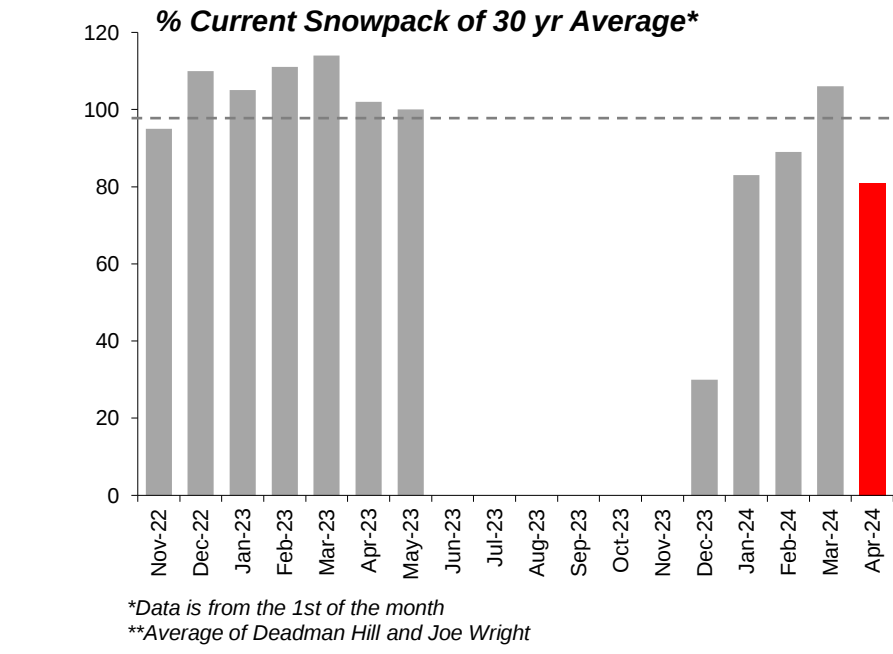
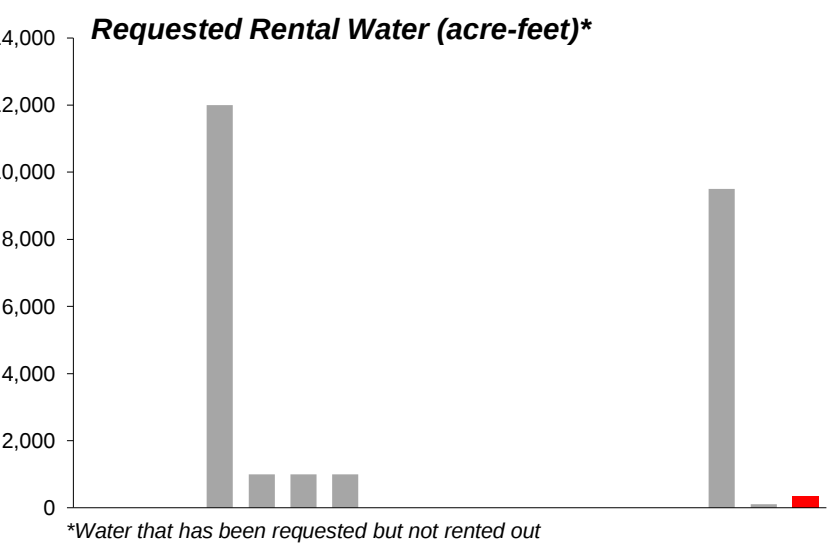
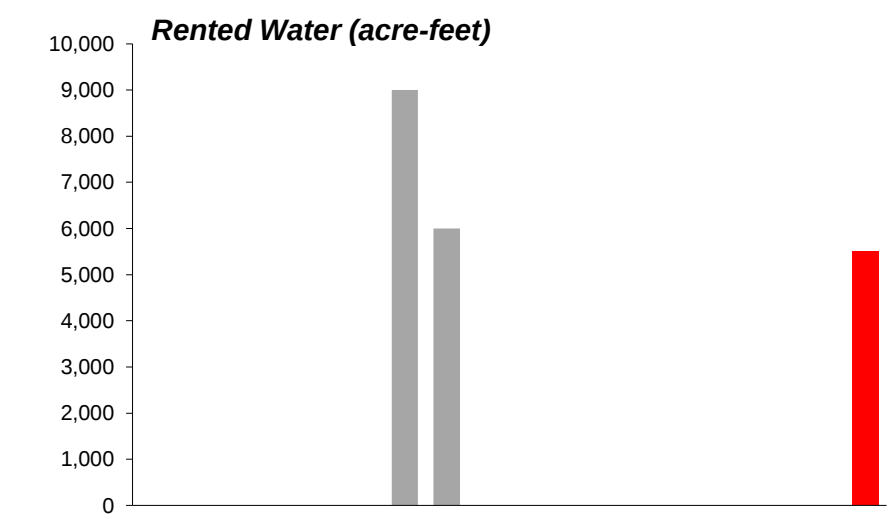
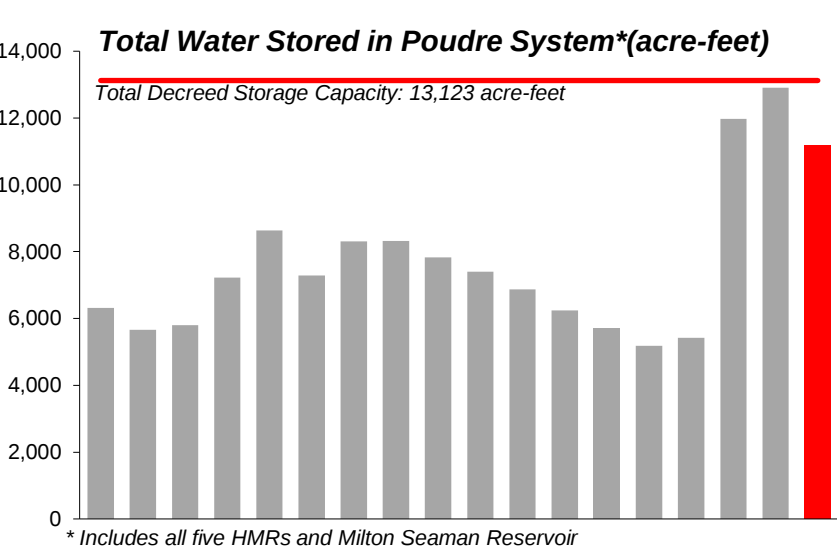
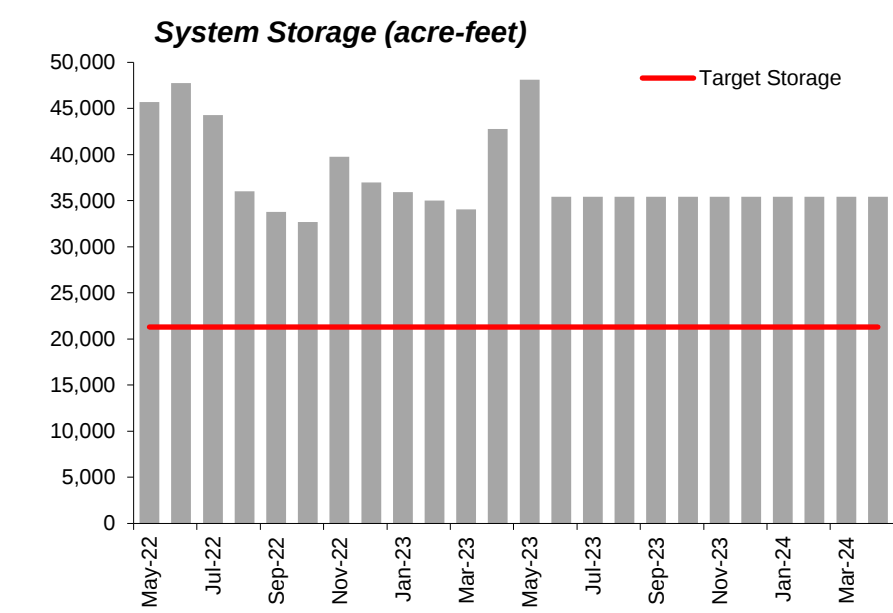


Water Resources

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.

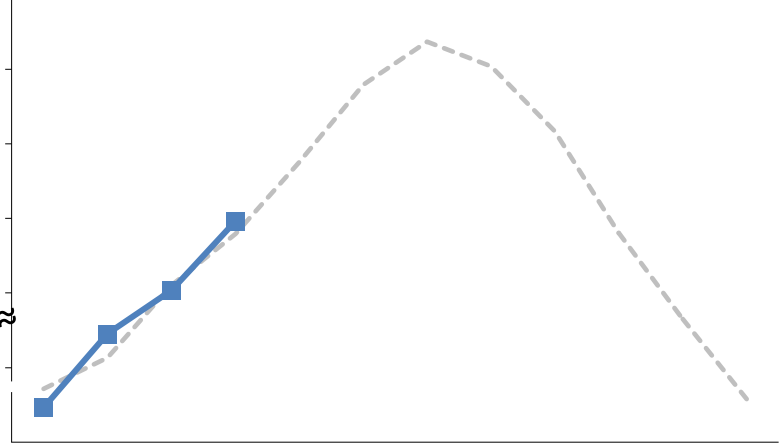


Treated Water and Weather Data

January was a cold month with an average temperature of 24°F. Temperatures warmed up in February with an average temperature of 34.52°F. The average teperature was 40.38° in March and 49.62° in April.

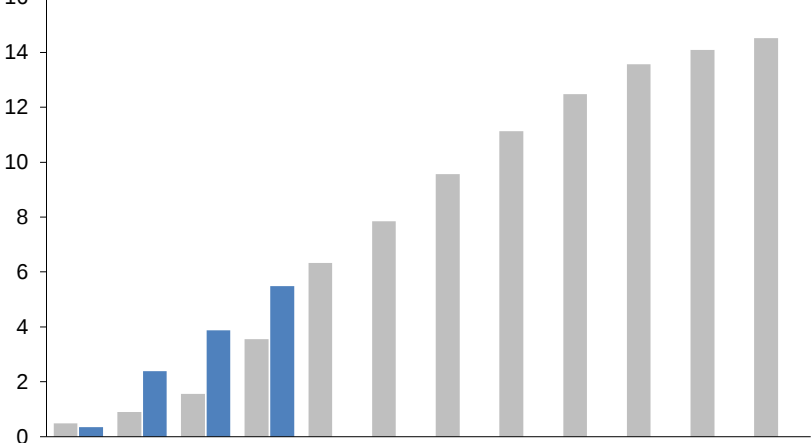
Greeley received 0.35 inches of precipitation in January. A big snow storm brought 2.03 inches of precip in February. Greeley received 1.5 inches of precipitation and March and 1.6 inched in April.

Average Temperature (°F)



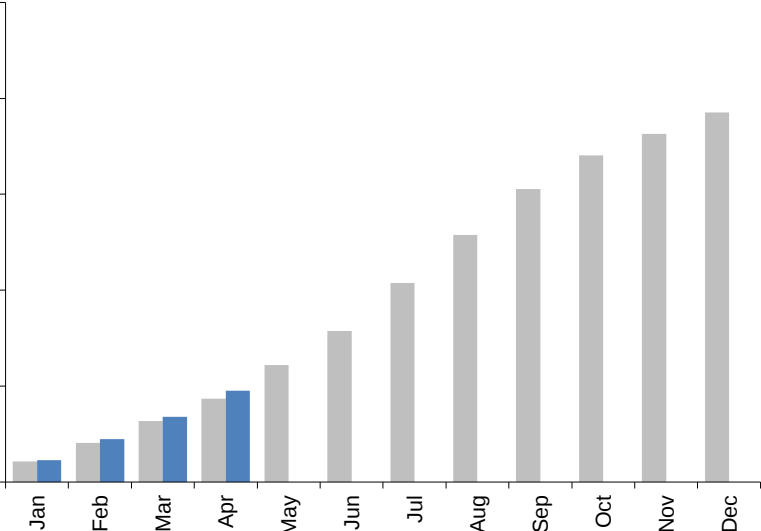
Scale altered to highlight the variability between months

Cumulative Precipitation (inches)



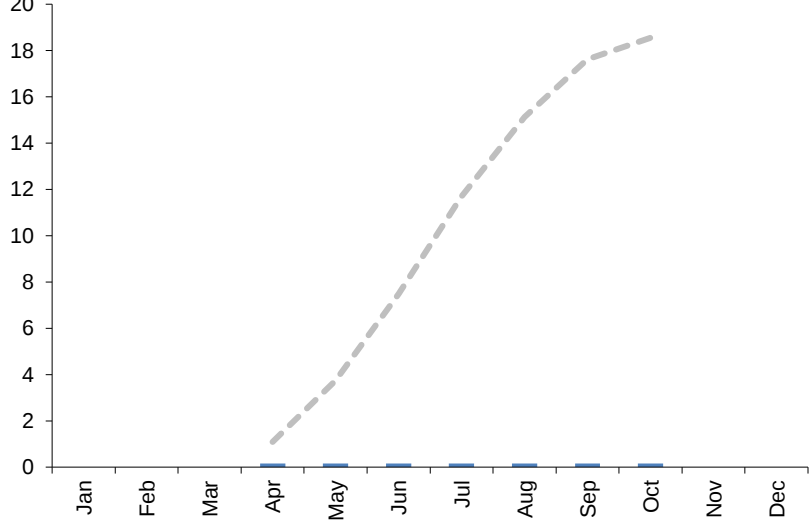
Historic 2024

Cumulative Treated Water (billion gallons)

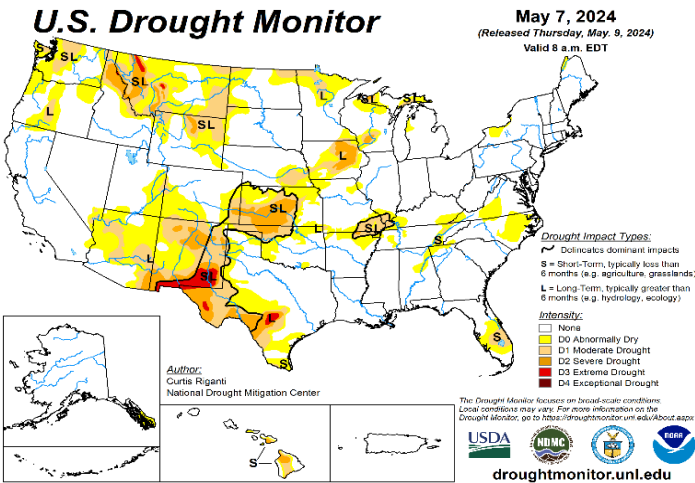
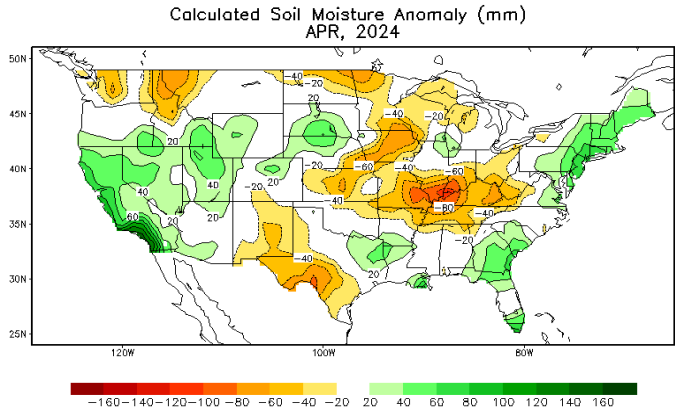


2023 2024

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



2024 Historic





Water & Sewer Agenda Summary

May 15, 2024

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Executive Session

Summary:

Water and Sewer staff has determined that a major investment in water conveyance pipeline must be undertaken to develop and expand the City's non-potable irrigation system. The W&S Department has conducted master planning and demand analysis for an expanded non-potable irrigation system and evaluated the timeline for backbone conveyance infrastructure. These efforts have specifically included comparing alternative alignments and evaluating the potential acquisition of an existing raw water conveyance system.

The purpose of this executive session is to seek legal advice from counsel and to provide advice to negotiators regarding the potential acquisition of property and existing raw water conveyance system.

Recommended Action:

Informational only

Recommended Motion:

Informational only

Attachments:

None