

WATER & SEWER BOARD AGENDA

Wednesday, December 15, 2021 at 2:00 p.m.
Greeley City Council Chambers at
City Center South, 1001 11th Ave, Greeley, CO 80631

1. Roll Call: _____ Chairman, Mr. Harold Evans _____ Vice Chairman, Mr. Mick Todd
 _____ Mr. Fred Otis _____ Mr. Joe Murphy
 _____ Mr. Tony Miller _____ Mr. Manuel Sisneros
 _____ Ms. Cheri Witt-Brown _____ Mayor, Mr. John Gates
 _____ Mr. John Karner _____ Mr. Raymond Lee
 _____ Mr. Bob Ruyle, Emeritus
2. Approval of Minutes
3. Approval of and/or Additions to Agenda

Consent Agenda

The Consent Agenda is a meeting management tool to allow the Board to handle several routine items with one action.

The Board or staff may request an item to be “pulled” off the Consent Agenda and considered separately under the next agenda item in the order they were listed.

4. Approve Amendment No. 1 to Five Rivers Cattle Water Lease Agreement

End of Consent Agenda

5. Recognition of Justice Greg Hobbs
6. Welcome New Employees and Promotions
7. Review 2022 Board Meeting Dates
8. Adopt Resolution Concerning Rates, Fees, and Charges for Water and Sewer Services in 2022
9. Water Supply Update
10. Adopt Resolution Concerning the Acquisition of Real Property Interests Associated with the Terry Ranch Project
11. Legal Report



If, to effectively and fully participate in this meeting, you require an auxiliary aid or other assistance related to a disability, please contact Shannon Metcalf at 970-350-9818.

12. Executive Session

13. Director's Report

- Windy Gap Firming Construction Update and Site Tour Opportunity
- Low income household water assistance program (LIHWAP) grant IGA

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



If, to effectively and fully participate in this meeting, you require an auxiliary aid or other assistance related to a disability, please contact Shannon Metcalf at 970-350-9818.

**City of Greeley
Water and Sewer Board
Minutes of November 17, 2021
Regular Board Meeting**

Chairman Harold Evans called the Water and Sewer Board meeting to order at 2:00 p.m. on Wednesday, November 17, 2021.

1. Roll Call

The Clerk called the roll and those present included:

Board Members:

Chairman Harold Evans, Vice Chairman Mick Todd, Fred Otis, Joe Murphy, Tony Miller, Manuel Sisneros, and Cheri Witt-Brown

Water and Sewer Department staff:

Director Sean Chambers, Deputy Director Water Resources Adam Jokerst, Utility Finance Manager Erik Dial, Deputy Director Operations Nina Cudahy, Chief Engineer Adam Prior, Water Administrator II Cole Gustafson, Budget Analyst Kalen Myers, Conservation Manager Dena Egenhoff, Conservation Specialist Ben Schaffer, and Office Manager Ettie Arnold

Legal Counsel:

Counsel to Water & Sewer Board Attorney Jim Noble, Senior Environmental and Water Resources Attorney Jerrae Swanson, Environmental and Water Resources Attorney Dan Biwer, Environmental and Water Resources Attorney Aaron Goldman

Guests: Finance Director John Karner, Deputy City Manager Paul Fetherston, Emeritus Board Member Robert Ruyle

2. Approval of Minutes

Ms. Witt-Brown made a motion, seconded by Vice Chairman Todd, to approve the October 20, 2021 Water and Sewer Board meeting minutes. The motion carried 7-0.

3. Approval of and/or Additions to Agenda

There were no changes to the agenda.

4. Welcome New Employees and Promotions

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

Consent Agenda

5. Approval of First Amendment to the Agreement with the Water Supply Storage Company Permitting Storage at the Terry Ranch Aquifer

Recommended action: Approve First Amendment to Agreement with WSSC permitting storage at Terry Ranch Aquifer.

6. Resolution in Support of an Application for Federal Assistance from the U.S. Bureau of Reclamation's WaterSMART Water and Energy Grant Program

Recommended action: Approve Resolution in Support of Application for Federal Assistance in regards to US Bureau of Reclamation's WaterSMART Water and Energy Grant.

7. Approve Water Bond Resolution and Recommend to Council

Recommended action: Approve and Recommend water bond resolution.

8. Approve Sewer Bond Resolution and Recommend to Council

Recommended action: Approve and Recommend sewer bond resolution.

Staff provided a brief overview of each item on the consent agenda at the request of Chairman Evans. Mr. Murphy made a motion, seconded by Vice Chairman Todd, to approve the four items on Consent Agenda and the proposed recommended actions. The motion carried 7-0.

End of Consent Agenda

9. Pulled Consent Agenda Items

There were no items removed from the consent agenda.

10. 3rd Quarter CIP Report

Adam Prior presented an update on CIP projects within the department.

11. Approve Non-Potable Development Policy and Recommend Associated Code Changes to City Council

Mr. Dial presented the proposed non-potable policy that will require the installation of non-potable infrastructure in new development in most cases. The new policy concept was first presented to the Water and Sewer Board in November 2020 and through feedback from the Board, Community Development, and the development community, the policy has evolved to its current form for Board's approval. The City Attorney's Office has proposed revisions to the Greeley Municipal Code to reflect the recommended changes to the non-potable policy. Mr. Dial presented the new policy and recommended that the Water and Sewer Board approve the enclosed non-potable policy and recommend the associated Greeley Municipal Code changes to the City Council.

Vice Chairman Todd made a motion, seconded by Mr. Miller, to approve the Non-Potable Development Policy as presented and recommend that City Council adopt associated changes to the Greeley Municipal Code in the form of the enclosed ordinance. The motion carried 7-0

12. Approve and Recommend to Council McWilliams' Farm Divestment

In 2016, the City of Greeley purchased a 133 +/- acre farm in Weld County, known internally as the "McWilliams Farm". The land was part of the Danielson Farms acquisition, which included two other farms totaling 332 acres along with three shares of the stock in the Water Supply and Storage Company ("WSSC Water Rights"). Only one-half of the three shares historically irrigated the McWilliams Farm. Since 2016, the City has leased the McWilliams Farm, along with the WSSC Water Rights, to a tenant farmer in order to maintain the use of the WSSC Water Rights on the historically irrigated land. In 2021, the City received an offer to purchase the McWilliams Farm. A dry-up covenant, revegetation covenant, and a leaseback of the one-half share of WSSC Water Rights to the buyer are part of the agreement. Staff recommended the divestment of the McWilliams Farm to the potential buyer.

Mr. Miller made a motion, seconded by Vice Chairman Todd, to approve and recommend to council McWilliams' Farm Divestment. The motion carried 7-0.

13. North Weld County Water District IGA for Temporary Infrastructure Use and Cost Sharing

Under the terms of the IGA submitted for Board's consideration, the City and NWCWD will also share the costs associated with the design, acquisition, construction, and installation of the new potable water distribution infrastructure for NWCWD, near the intersection of 35th Avenue and O Street and 59th Avenue and O Street. Under the terms of this IGA, NWCWD will deduct the costs of the new infrastructure built for its long term use, from the overall amounts owed to it under the 2013 IGA when the City takes over service areas and acquires the infrastructure for the Budweiser Annexation area.

Vice Chairman Todd made a motion, seconded by Mr. Miller, to approve NWCWD IGA for temporary infrastructure use and cost sharing. The motion carried 7-0

11. Legal Report

Jim Noble of Welborn, Sullivan, Meck & Tooley stated they do not recommend for Greeley to file any statements of opposition in water court cases that would be due this month. Mr. Noble also explained to the Board that staff, outside counsel, and the City Attorney's Office are working on an application to change the use of shares in the Water Supply and Storage Company ("WSSC"). The application will be brought before the Board for approval at an upcoming Board meeting.

12. Executive Session

Chairman Evans made motion for the Board to hold an executive session to address the following matters, as provided by C.R.S. § 24-6-402(4)(a), (b) and (e) and Greeley Municipal Code § 2.04.020(a) (1), (2) and (5):

1. For the purpose of providing the Board legal advice and determining positions relative to matters that may be subject to negotiations, developing strategy for negotiations, and instructing negotiators on matters related to potential water right acquisitions.

The motion carried 7-0.

The Board left the public session and moved into a private, executive session.

Deputy City Manager Paul Fetherston, Chief Engineer Adam Prior, Conservation Manager Dena Eganhoff, Staff Ben Schaffer left the meeting at 3:07 p.m.

Board Member Fred Otis recused himself and left the meeting at 3:07 p.m.

Present during the executive session were:

Chairman Harold Evans, Vice Chairman Mick Todd, Manual Sisneros, Joe Murphy, Tony Miller, Cheri Witt-Brown, Emeritus Bob Ruyle, Finance Director John Karner, Director Sean Chambers, Deputy Director Water Resources Adam Jokerst, Deputy Director of Operations Nina Cudahy, Utility Finance Manager Erik Dial, Budget Analyst Kalen Myers, Water Administrator II Cole Gustafson, Outside Legal Counsel Jim Noble, Environmental and Water Resources Attorney Jerrae Swanson, Environmental and Water Resources Attorney Dan Biwer, Environmental and Water Resources Attorney Aaron Goldman, and Office Manager Ettie Arnold

This executive session was authorized by Subsections (a),(b) and (e) of Section 24-6-402(4) of the Colorado Revised Statutes, and Subsections (1), (2) and (5) of Section 2.04.020 (a) of the Greeley Municipal Code.

The Executive Session ended at 3:40 p.m. The Board then left the private, executive session and moved back into the open, regular session.

13. Director's Report

- Cameron Peak Fire recovery partners update on work and ongoing needs
- SPBRT Demand Management Remarks (Colorado River shortage)
- Annual W&S Department core values awards and employee recognition
- Fort Collins 1041 regulation process

14. Such Other Business That May be Brought before the Board and Added to This Agenda by Motion of the Board

There were no additional items brought before the Board and added to the agenda.

Chairman Evans adjourned the meeting at 4:00 p.m.

Harold Evans, Chairman

Raymond Lee, Board Secretary

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE X NO ENCLOSURE

ITEM NUMBER: 4

TITLE: ACTION: APPROVE FIRST AMENDMENT TO
FIVE RIVERS CATTLE WATER LEASE
AGREEMENT

RECOMMENDATION: APPROVE FIRST AMENDMENT TO FIVE
RIVERS CATTLE WATER LEASE
AGREEMENT

ADDITIONAL INFORMATION:

In December 2001, Greeley W&S Board and ConAgra (now called Five Rivers Cattle, LLC or “Five Rivers”) entered into a 99-year water lease agreement (“the Agreement”) in which Greeley is to make 1,000 AF of water available per year for augmentation requirements at the Gilcrest and Kuner feedlots near Greeley; see map of feedlot locations below. The purpose of the Agreement originated as a way to keep ConAgra headquarters in Greeley. During 2004-2005, ConAgra sold the cattle feeding division to Smithfield Beef Group and Five Rivers was formed as the controlling entity of four Smithfield feedlots and six ContiBeef feedlots. JBS eventually acquired Five River Ranch Cattle Feeding LLC and in 2018, JBS sold Five Rivers to an out of state investment company. Both the JBS and the Five Rivers headquarters are located in Greeley.

The Agreement limits the amount of augmentation water that Greeley makes available for Five Rivers to a yearly amount of 1,000 acre-feet (AF) along monthly volume limits. Paragraph 7 of the Agreement outlines that “*ConAgra may not direct that Greeley make available more than Six Hundred and Sixty - Seven Acre -Feet (667 AF) of leased Water during any sequential period of November through March, more than 200 Acre -Feet (200 AF) of leased Water during any individual month of November through March, or more than 150 Acre -Feet (150 AF) of leased Water during any individual month of April through October.*”

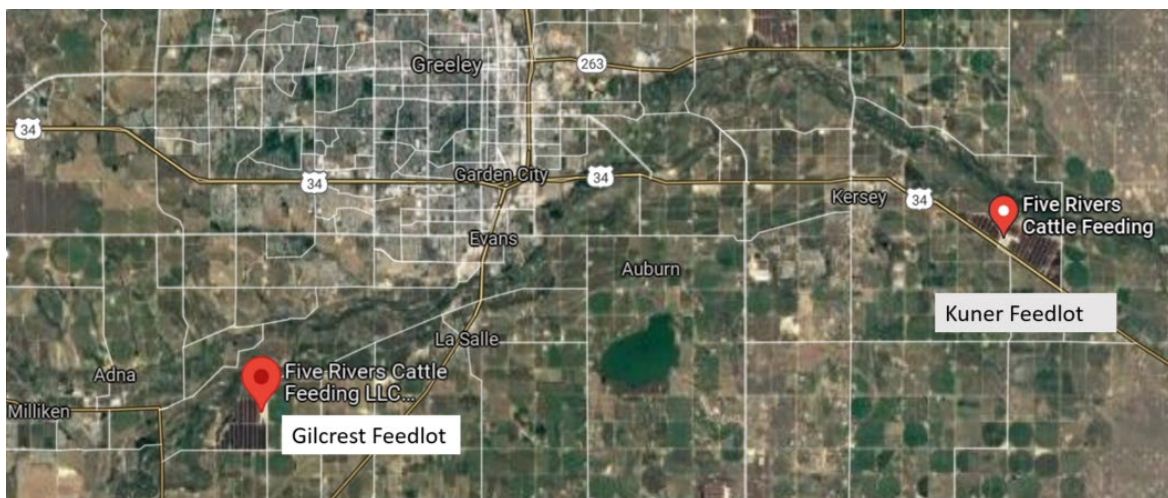
Five Rivers staff recently requested an amendment to the Agreement stating that the November through March volumetric of 667 AF does not line up with their current augmentation requirements. Five Rivers indicates they own sufficient changed agricultural water rights to meet augmentation requirements during the

irrigation season \, but rely heavily on leased Greeley water during winter. Because of this, Five Rivers requested to remove the 667 AF volumetric with the ability to use all 1,000 AF during the November through March period, while keeping the term that no more than 200 AF can be used in any individual month.

The volumetric limit of 667 AF during the November through March period was included in the original Agreement because in 2001, Greeley's available augmentation supplies were limited during winter months. Since then, Greeley has converted addition Greeley Loveland Irrigation Company water; is treating a larger proportion of wholly consumable supplies that generate wholly consumable effluent; has secured augmentation water through Leprino wastewater effluent; and has expanded its gravel pit storage. All these sources are available for augmentation during winter months. This amendment will not negatively affect Greeley's operations during November through March.

The proposed amendment to the Agreement will ultimately benefit Greeley. Due to more frequent calls on the lower Poudre River and the South Platte River, Greeley at times has difficulty meeting return flow obligations (RFOs) during summer months. By increasing deliveries to Five Rivers in the winter, summer augmentation deliveries are reduced freeing up water for RFOs.

Staff recommends Board approve the first amendment to the agreement.



Five Rivers Cattle Water Lease Amendment

December 15, 2021
Alex Tennant

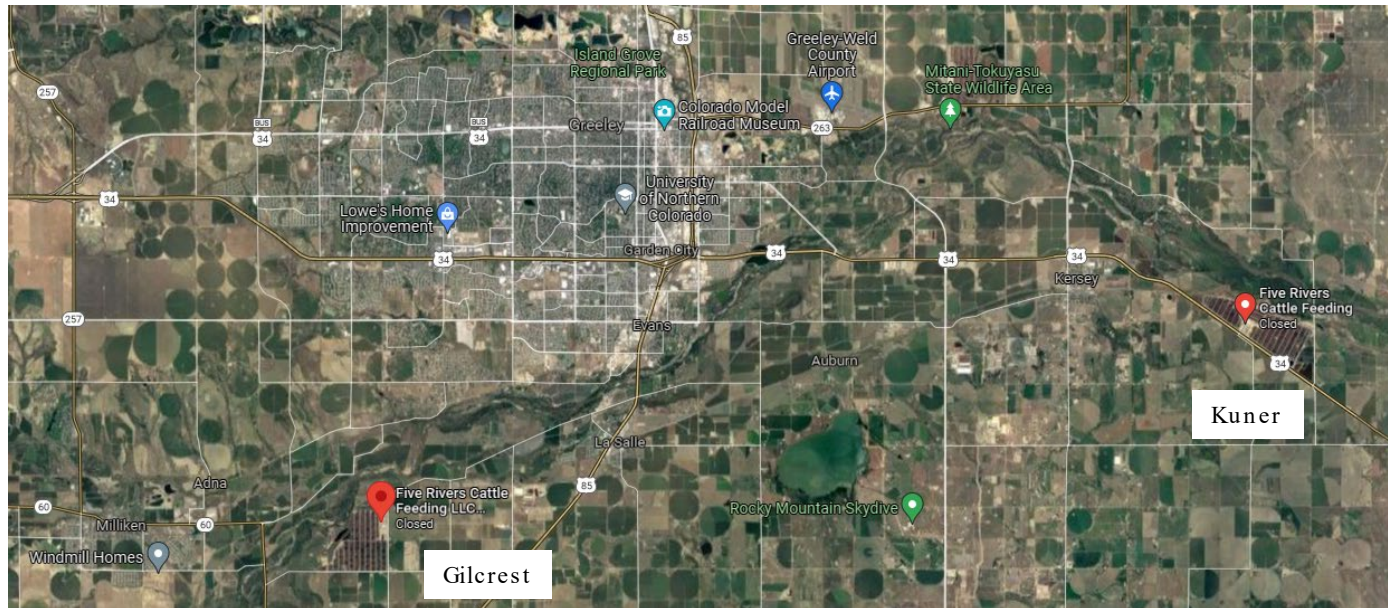


KUNER FEEDLOT Kersey, Colorado



Five Rivers Location and Background

- Five Rivers Cattle originated from Warren H. Monfort in the 1920's. Monfort Feedlot began operation in 1930
- Kuner and Gilcrest feedlots began operation in the 1970's and 1980's.
- Monfort sold to ConAgra Foods in 1987 and ownership changed hands multiple times: ContiBeef, Swift, JBS, and now Five Rivers.



2001 Water Lease Agreement

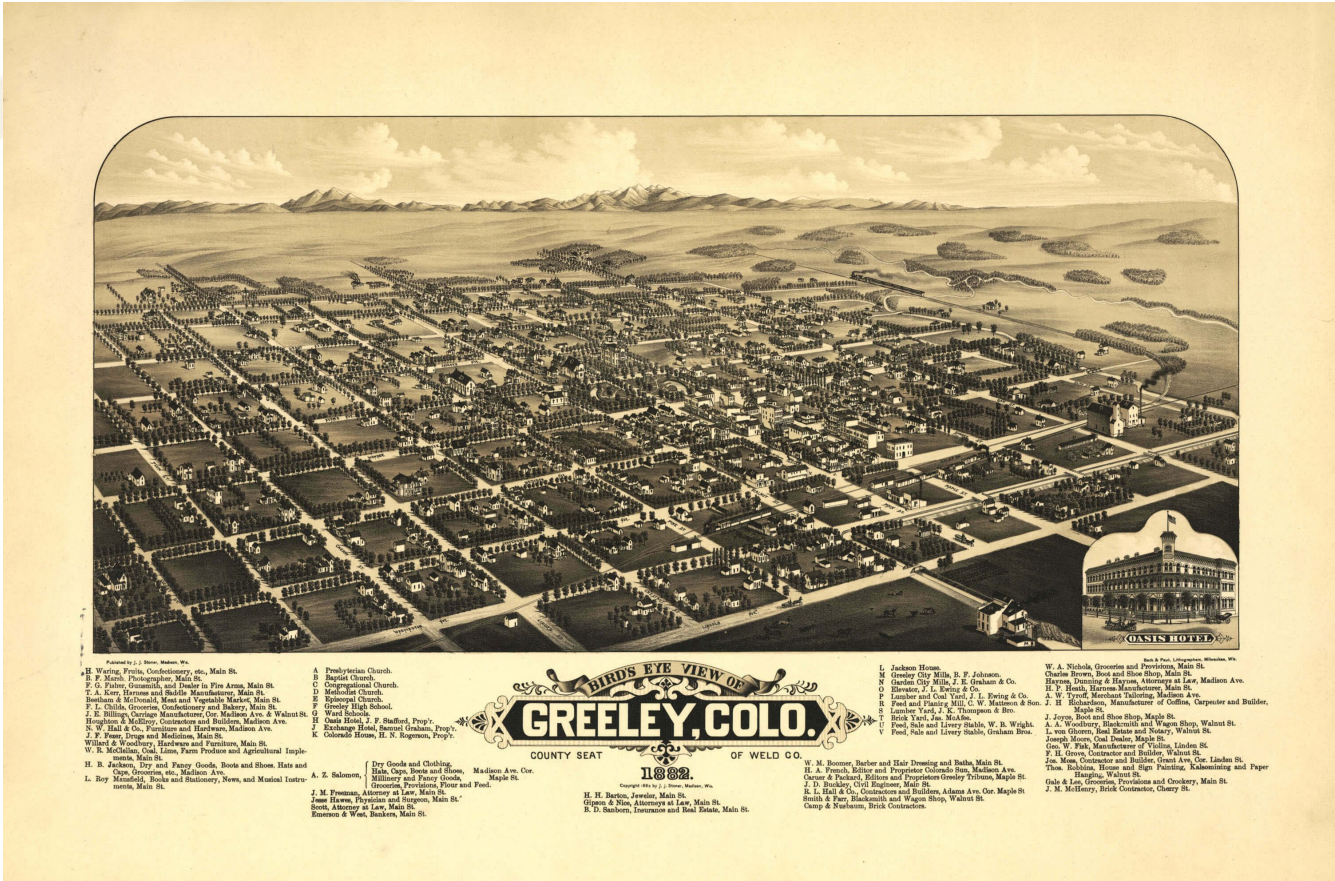
- Greeley entered into an agreement in 2001 with then ConAgra Foods in a successful effort to maintain their headquarters in Greeley.
- Important Terms of Agreement:
 - 99 years
 - 1,000 AF of total water delivery during a calendar year
 - \$2,200/AF which equates to a \$2,200,000 up front payment for the entire lease period
 - Volumetric Limits
 - November – March: **No more than 667 AF during this period** and no more than 200 AF per month
 - April – October: No more than 150 AF in a given month



Amendment and Recommendation

- Five Rivers requests removal of the 667 AF volumetric between November – March
 - Their augmentation supplies, aside from water leased from Greeley, are predominately ditch company shares
 - Difficulty meeting augmentation requirements in winter months
 - Better assist their growth in future years
 - Amendment will not change the 200 AF/month limit
- Greeley created the 667 AF lease term because of water supply limitations during winter
 - Greeley now has sufficient supplies to meet the demand
 - Wholly consumable credits and WPCF effluent, Leprino WWTP effluent, ditch company direct releases, gravel pit storage releases
 - Amendment will not negatively affect Greeley's operations
 - Overall benefit to Greeley because amendment will reduce augmentation demands during summer months when Greeley's return flow obligations (RFOs) are highest

Staff recommends Board approval of the first amendment to the Fiver Rivers water lease.



FIRST AMENDMENT TO WATER LEASE

This FIRST AMENDMENT TO WATER LEASE ("First Amendment") is entered into this 7 day of December 2021, by and between FIVE RIVERS CATTLE FEEDING, LLC, a Delaware limited liability company authorized to conduct business in Colorado ("Five Rivers") and THE CITY OF GREELEY, COLORADO, a Colorado home rule municipal corporation acting by and through its Water Enterprise ("City" or "Greeley").

Recitals

WHEREAS, the City entered into that certain Agreement for Location of ConAgra Beef Company Headquarters Facility dated July 5, 2000 with Monfort Incorporated, d/b/a ConAgra Beef Company, a Delaware corporation ("ConAgra"); and

WHEREAS, as contemplated by Paragraph 4.E. of the Agreement for Location of ConAgra Beef Company Headquarters Facility, the City and ConAgra entered into that certain Water Lease dated December 31, 2001 ("2001 Water Lease"), a copy of which is attached hereto as Exhibit A and incorporated herein by reference; and

WHEREAS, Five Rivers is the successor in interest to ConAgra's right, title, and interest in the Gilcrest and Kuner Feedlots, including all related well and water rights, in the Amended Augmentation Plan most recently decreed in Case No. 03CW346, Water Division 1, and in the 2001 Water Lease; and

WHEREAS, Five Rivers and the City desire to amend the 2001 Water Lease primarily to, without limitation, increase the total volume of augmentation water that Five Rivers may use between November and March; and

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Five Rivers and the City agree as follows.

Agreement

1. Amendments. The 2001 Water Lease is hereby amended as follows.

a. Acknowledgement of Lessee Entity. Each and every reference in the 2001 Water Lease to the defined term "ConAgra" is replaced with "Five Rivers".

b. Paragraph 7 of the 2001 Water Lease is amended and replaced in its entirety as follows.

7. Water Delivery Schedule and Administration. On or before December 1 of each year during the term of this Lease, Five Rivers shall submit a 12-month schedule to Greeley specifying anticipated monthly delivery amounts of leased Water for the following calendar year. In the alternative, Five Rivers may submit a 12-month schedule specifying the monthly delivery amounts of leased Water that will remain in effect from year-to-year during the term of this Lease, unless and until Five Rivers modifies such schedule on or before December 1 for the following calendar year. Five Rivers is authorized in such schedule to direct Greeley to make the leased Water available each year in monthly amounts that best satisfy Five Rivers' requirements under its Amended Augmentation Plan, provided that Five Rivers may not direct Greeley to make available more than One Thousand Acre-Feet (1,000 AF) of leased Water during any sequential period of November through March, more than Two Hundred Acre-Feet (200 AF) of leased Water during any individual month of November

through March, or more than One Hundred and Fifty Acre-Feet (150 AF) of leased Water during any individual month of April through October.

c. Paragraph 12 of the 2001 Water Lease is amended and replaced in its entirety as follows.

12. Notices. Any notices required hereunder shall be sent by certified mail or hand-delivered to the parties at the following addresses, unless a party notifies the other party in writing that such contact or address has changed.

For the City of Greeley:

City of Greeley Water and Sewer Department
Attn: Director of Water and Sewer
1001 11th Avenue, 2nd Floor
Greeley, Colorado 80631

For Five Rivers:

Five Rivers Cattle Feeding, LLC
Attn: Tom McDonald
4848 Thompson Parkway, Suite 410
Johnstown, Colorado 80534

2. Remainder in Full Force and Effect. Except as explicitly modified in this First Amendment, all other terms and conditions of the 2001 Water Lease remain in full force and effect.

IN WITNESS WHEREOF, Fiver Rivers Cattle Feeding, LLC and the City of Greeley, Colorado have authorized and executed this First Amendment to Water Lease, effective as of the date first written above.

tm
FIVE RIVERS ~~RANCH~~ CATTLE FEEDING, LLC,
a Delaware limited liability company

By: *Tom McDonald*

Date: December 7, 2021

Name: Tom McDonald

Title: SVP - Environmental and Sustainability

THE CITY OF GREELEY, COLORADO,
a Colorado home rule municipal corporation
acting by and through its Water Enterprise

By: _____

Mayor

Date: _____

ATTEST:

By: _____

City Clerk

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE _____ NO ENCLOSURE X

ITEM NUMBER: 5

TITLE: RECOGNITION OF JUSTICE GREG HOBBS

RECOMMENDATION: RECOGNITION OF JUSTICE GREG HOBBS

ADDITIONAL INFORMATION:

BOARD MEMBERS AND STAFF TO SPEAK IN REMEMBRANCE OF JUSTICE HOBBS AND HIS DEDICATION TO THE PRESERVATION OF WATER'S HISTORY AND FUTURE.

- Greg was appointed to the Colorado Supreme Court in 1996. Prior to that he had practiced water law with Davis Graham and Stubbs and then Hobbs, Trout, and Raley, founded in 1992. During a good portion of this time he also was the outside legal counsel for the Northern District. About anything Greeley Water did in the 1980's and the first half of the 1990's Greg had some involvement either directly or indirectly.
- He was involved in the Wheeler Study and Change Case on the GLIC system.
- A key role in the Wild and Scenic River designation for the upper 75 miles of the Poudre River.
- The instream flow issue on the Poudre that led to the JOP. This was probably a more indirect role.
- Authored more than 250 majority opinions for the Colorado Supreme Court many which had to do with water rights.
- A well know and prolific author and poet particularly on subjects of water. He served for 19 years as the Publications Chair for Water Education Colorado.
- One his poems is titled "At the Confluence" which is about the founding of the Union Colony (Greeley) and all of the major contributions Greeley and Weld County made to water in the West. It is published in "The Public's Water Resource" Second Edition page 63. This book is published by the Colorado Bar Association.
- Finally, and most fitting, his last published book was Confluence: The Story of Greeley Water which he co-authored with Michael Welsh. I think Greg was honored and very excited to be part of the Confluence team. Greg always had a unique appreciation for and bond with Greeley water, its history, and people.

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE _____

NO ENCLOSURE X

ITEM NUMBER: 6

TITLE: WELCOME NEW EMPLOYEES AND
 PROMOTIONS

RECOMMENDATION: INFORMATION ONLY

ADDITIONAL INFORMATION:

Raymond Lee, appointed City Manager
Vicente Elizarraras, WWC Maintenance Tech I

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE _____

NO ENCLOSURE X

ITEM NUMBER: 7

TITLE: 2022 W&S BOARD MEETING DATES

RECOMMENDATION: REVIEW 2022 W&S BOARD MEETING DATES

ADDITIONAL INFORMATION:

DECEMBER IS THE ONLY MONTH THE DATE WAS CHANGED FROM
THE THIRD WEDNESDAY.

JANUARY 19, 2022

FEBRUARY 16, 2022

MARCH 16, 2022

APRIL 20, 2022

MAY 18, 2022

JUNE 15, 2022

JULY 20, 2022

AUGUST 17, 2022

SEPTEMBER 21, 2022

OCTOBER 19, 2022

NOVEMBER 16, 2022

DECEMBER 14, 2022

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE X NO ENCLOSURE

ITEM NUMBER: 8

TITLE: ADOPT RESOLUTION CONCERNING 2022
WATER AND SEWER RATES, FEES, AND
CHARGES

RECOMMENDATION: ADOPT RESOLUTION CONCERNING 2022
WATER AND SEWER RATES, FEES, AND
CHARGES

ADDITIONAL INFORMATION:

The 2022 Rate Resolution and Appendices are included for the Board's review. The water and sewer rates and fees were developed in response to the 2022 budget that the Board recommended to the City Manager at the July 2021 meeting.

2022 will be the sixth year of the water budget rate structure for residential customers. Residential water rates are increasing 6%, and residential sewer rates are increasing 18%.

Plant investment fees are updated annually for water and sewer. The water plant investment fee is unchanged from 2021 at \$11,200 for a ¾" tap and the sewer plant investment fee is unchanged from 2021 remaining at \$6,800 for a ¾" tap.

Using the pricing method approved by the Board at the July 2018 meeting, the 2022 cash-in-lieu of raw water fee will increase from \$36,500 to \$39,500 per acre-foot. The new cash-in-lieu price will take effect on March 1, 2022. 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 as necessary in 2022.

2022 Water and Sewer Rate Adoption

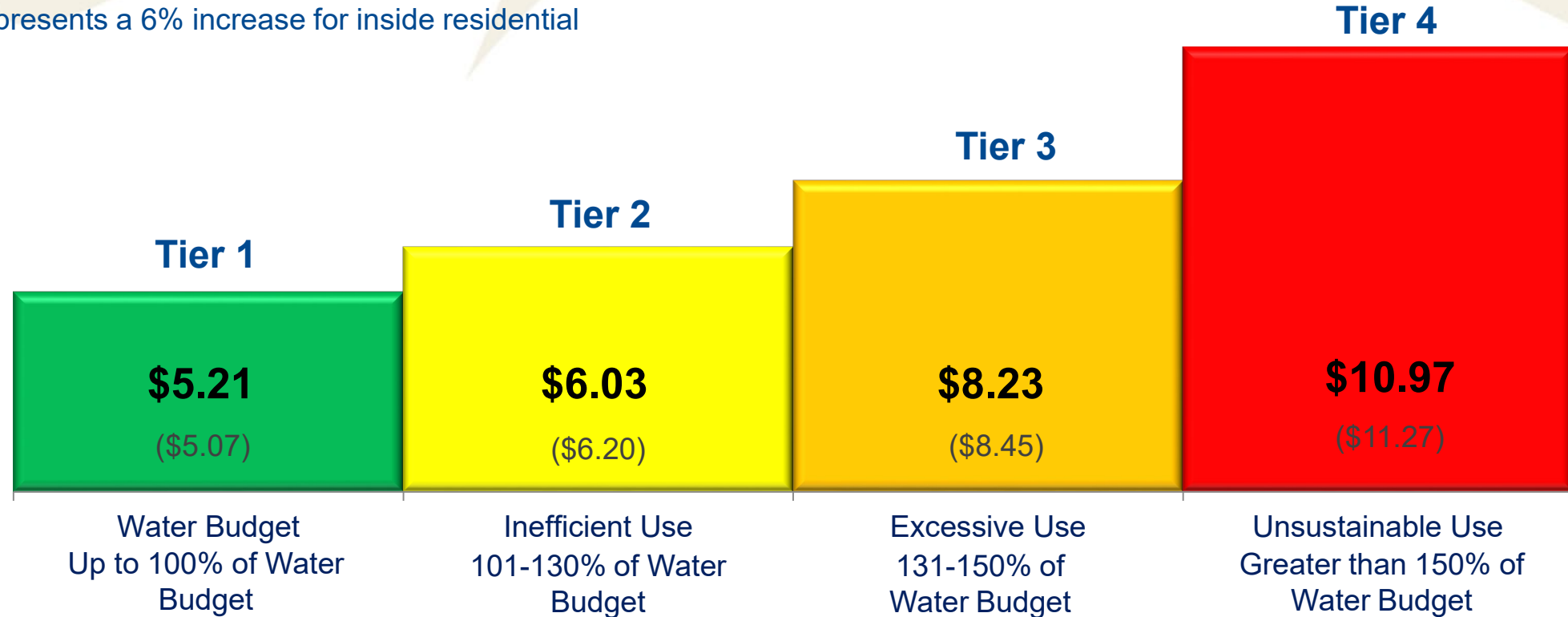
Water & Sewer Board | December 15, 2021



Residential Water Budget Rate Structure

Rate Structure for Greeley SFR customers in 2022 (2021 Rate)

Represents a 6% increase for inside residential

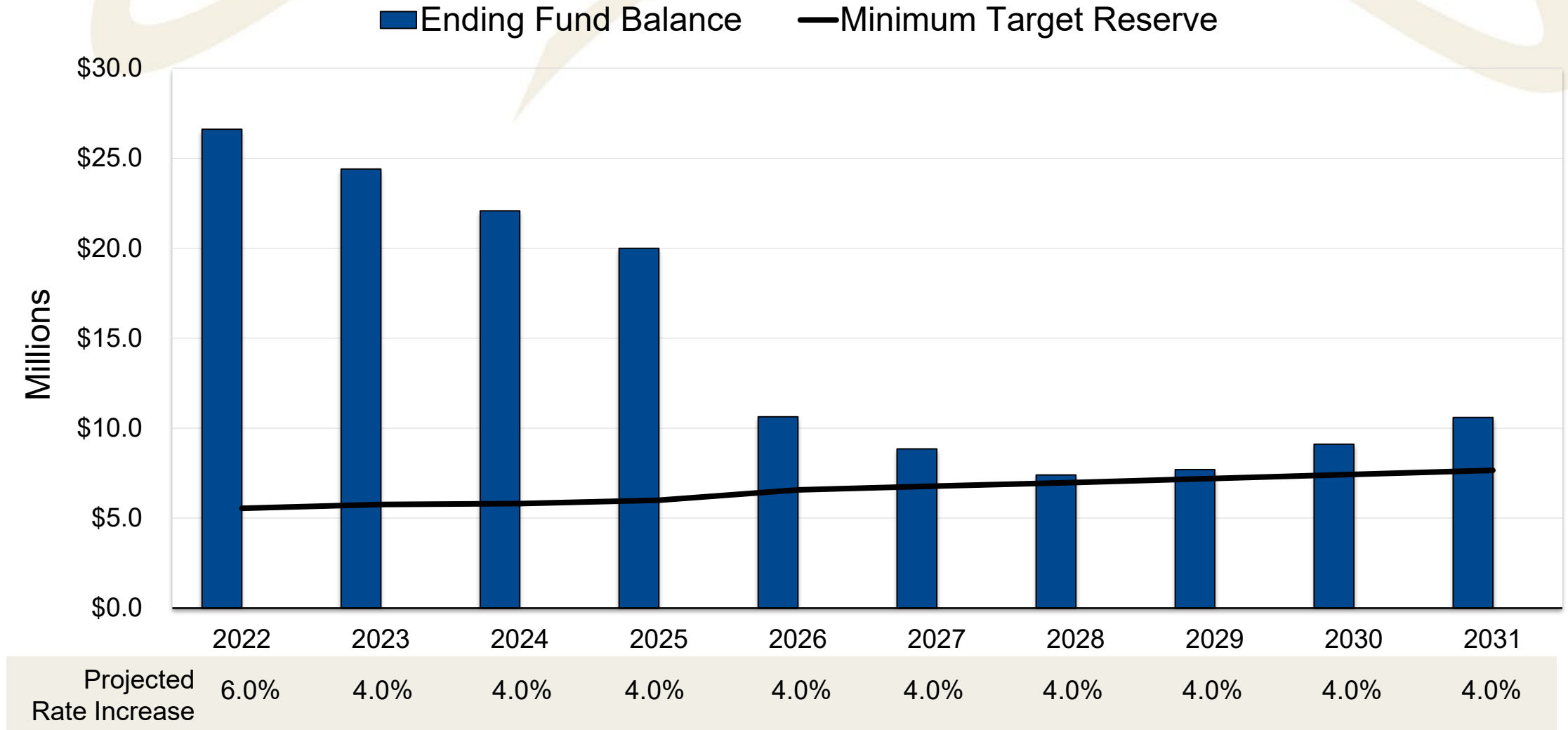


- **Uniform rate is \$5.46 for customers not on water budget (up from \$5.35)**
- **Monthly service charge is \$17.50 (\$3.10 increase from 2021)**

Water Rate Changes

Customer Class	Existing Rate/kgal	% Increase	Proposed Rate/kgal
Inside Residential	Varies	6.0%	Varies
Inside Commercial	\$5.10	8.0%	\$5.45
Inside Industrial	\$3.89	10.0%	\$4.28
Outside Residential	\$12.02	0.0%	\$11.62
Outside Commercial	\$11.92	0.0%	\$11.54
Outside Industrial	\$3.64	3.0%	\$3.75
City of Evans	\$4.56	3.0%	\$4.69
Town of Windsor	\$4.72	6.0%	\$5.00
Town of Milliken	\$6.80	(12%)	\$5.98

Projected Water Operating Cash Flow



Sewer Rate Changes – Inside City

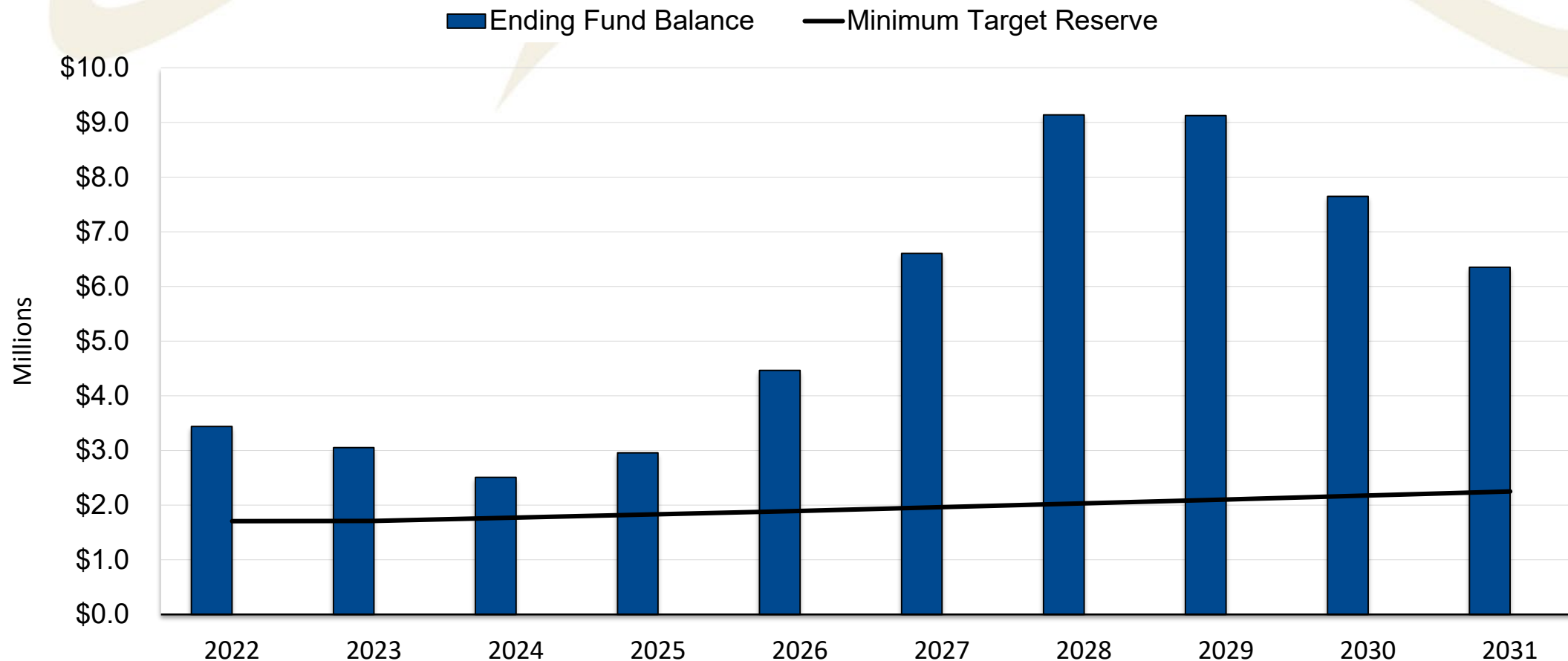
Customer Class	Existing Rate/kgal	% Increase	Proposed Rate/kgal
Single Family	\$2.87	18.0%	\$3.45
Multi-Family	\$2.89	19.0%	\$3.46
Commercial 1	\$2.91	19.0%	\$3.48
Commercial 2	\$3.94	22.5%	\$4.85
Commercial 3	\$4.99	24.0%	\$6.21
Commercial 4	\$6.05	25.0%	\$7.58
Commercial 5	\$7.13	25.0%	\$8.97

- Monthly service charge increase from \$12.05 to \$14.00 (+ \$1.95)

Sewer Rate Changes – Industrial

Customer Class	Existing Rate/kgal	% Increase	Proposed Rate/kgal
Industrial SIC 2013	\$19.46	(15%)	\$16.54
Industrial SIC 7218	\$7.23	12.0%	\$8.10
Industrial SIC 2034	\$5.57	(8%)	\$5.12
Industrial SIC 2873	\$24.03	47%	\$35.42
Industrial SIC 4212	\$3.53	(1%)	\$3.46
Industrial SIC 2047	\$12.47	15%	\$14.35
Industrial SIC 5169	\$3.75	(7%)	\$3.47
Industrial SIC 7542	\$5.56	(3%)	\$5.40

Projected Sewer Operating Cash Flow



Projected Rate Increase	18.0%	9.0%	8.5%	7.0%	5.0%	4.0%	3.5%	3.0%	3.0%	3.0%
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2022 Monthly Residential Bill Estimate

	Service Charge	Average Volume (kgal)	Volume Charge	Bill Total
Annual Average Water	\$17.50	10.0	\$53.43	\$70.93
Summer Water	\$17.50	21.5	\$122.02	\$139.52
Winter Water	\$17.50	3.9	\$20.32	\$37.82
Sewer	\$14.00	3.9	\$13.46	\$27.46

- 2022 Water Service Charge: \$17.50 (\$3.10 increase from 2021)
- 2022 Sewer Service Charge: \$14.00 (\$1.95 increase from 2021)



2022 Monthly Residential Bill Estimate

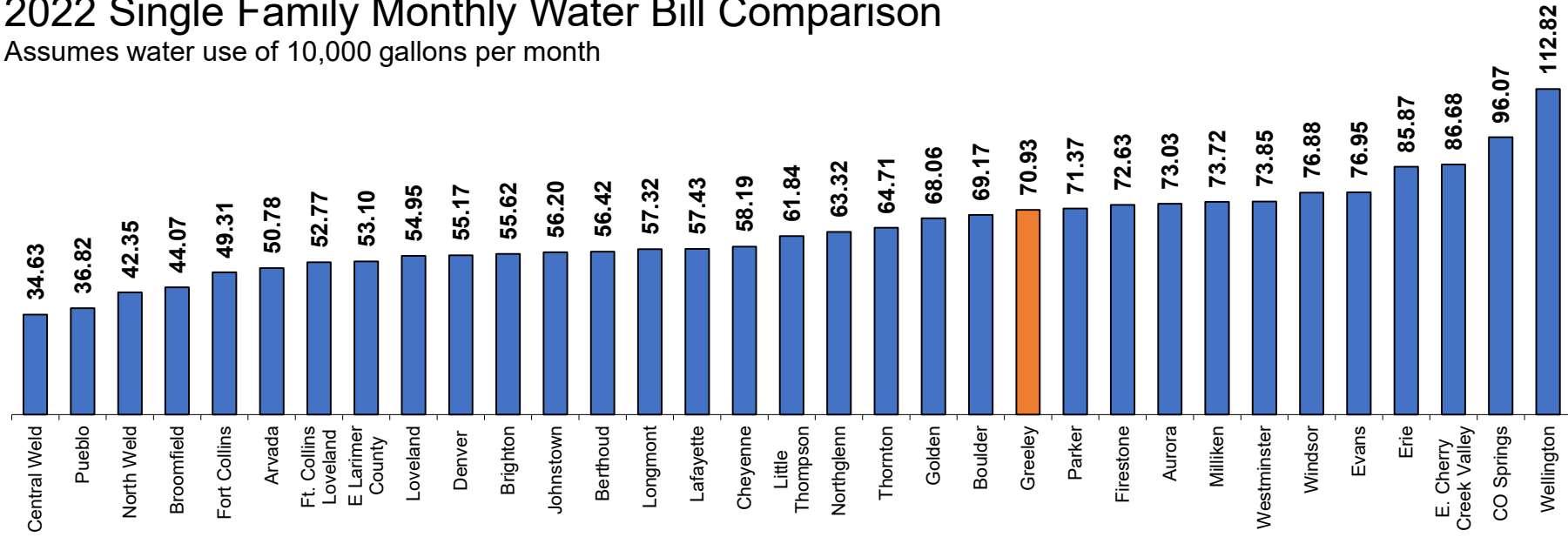
Average Bill	2021	2022	Change
Water	\$66.77	\$70.93	+ \$4.16
Sewer	\$23.24	\$27.46	+ \$4.22
Total W&S	\$90.01	\$98.39	+ \$8.38

Stormwater	\$10.29	\$11.83	+ \$1.54
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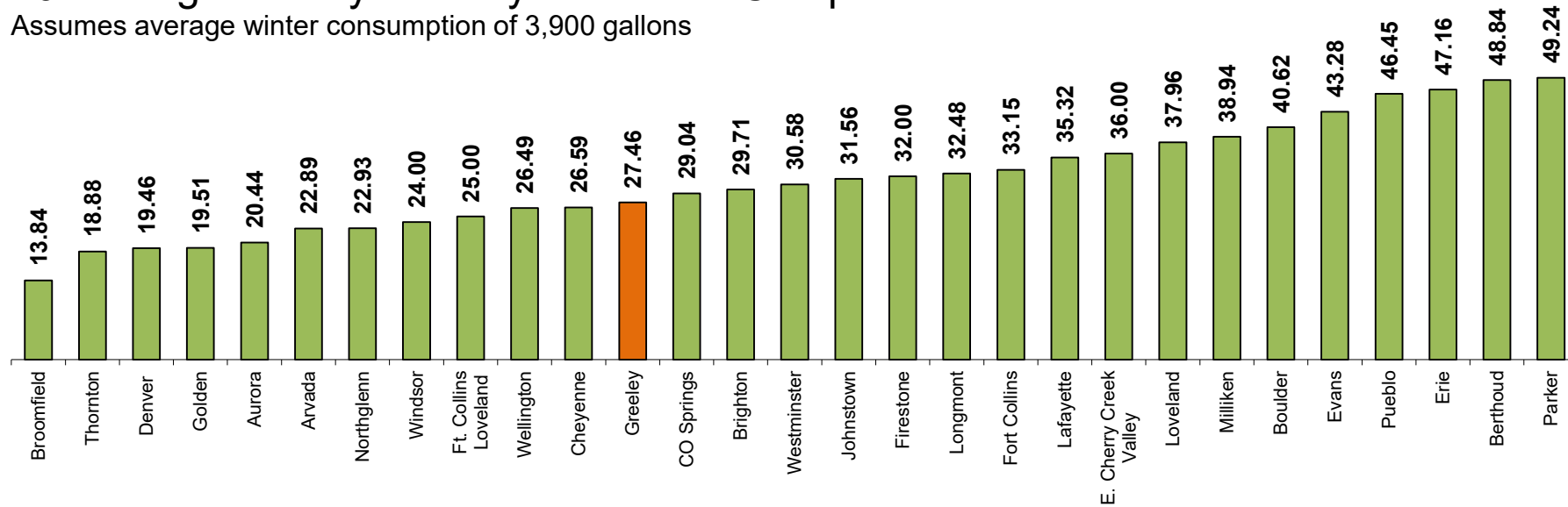
2022 Single Family Monthly Water Bill Comparison

Assumes water use of 10,000 gallons per month

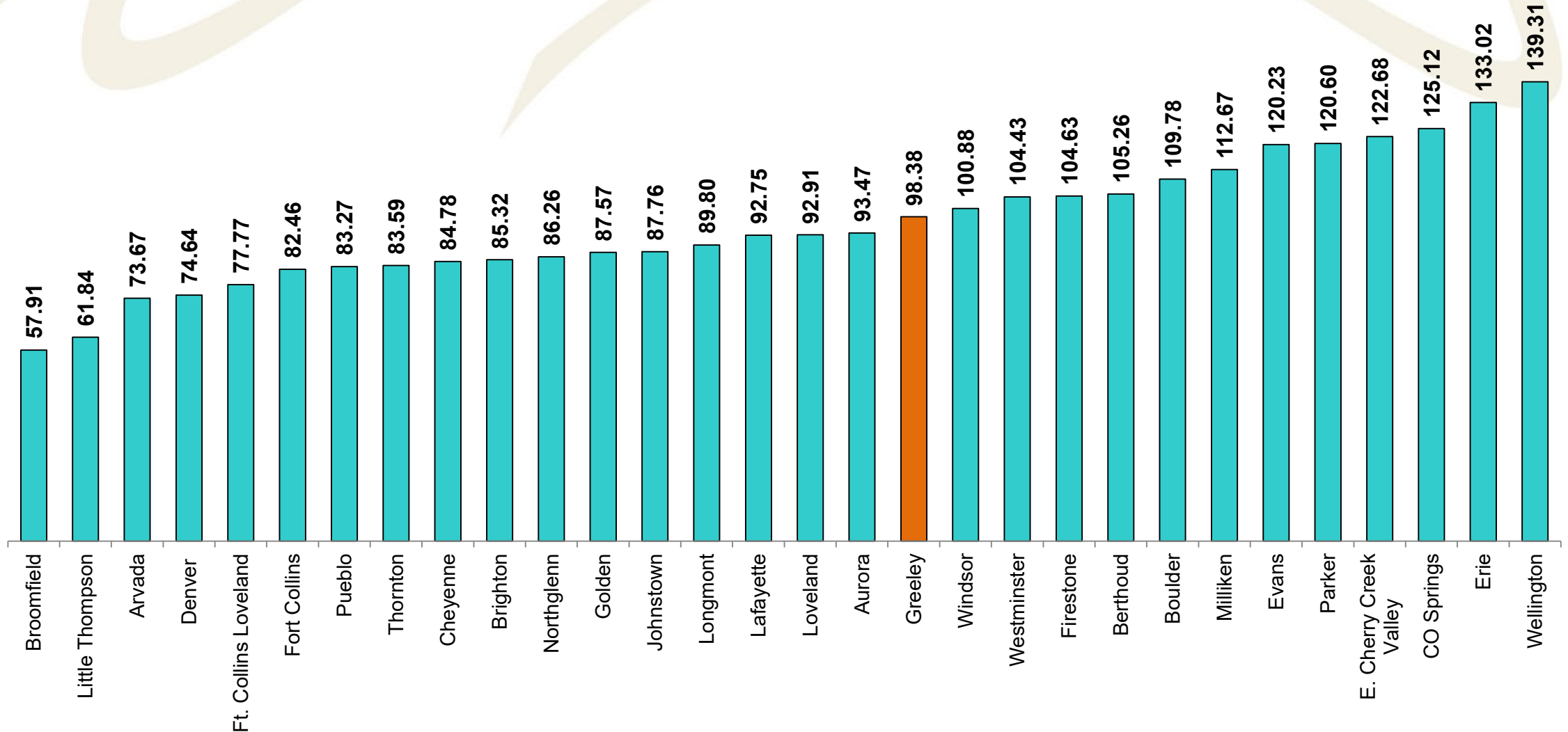


2022 Single Family Monthly Sewer Bill Comparison

Assumes average winter consumption of 3,900 gallons



Regional Bill Comparison



Combined water and sewer charges

Plant Investment Fees – 3/4” Tap

	2021	2022
Water	\$11,200	\$11,200
Sewer	\$6,800	\$6,800
Total	\$18,000	\$18,000



Cash-in-Lieu

2021 Summary

- YTD Raw Water Sales: \$1,630,856
- Taps that paid cash-in-lieu: 112
- Volume of water sold: 68.27 acre feet

2022 Cash-in-lieu Fee		
Water Portfolio Value	Storage Cost	New Fee per Ac-Ft
\$32,500	\$7,000	\$39,500

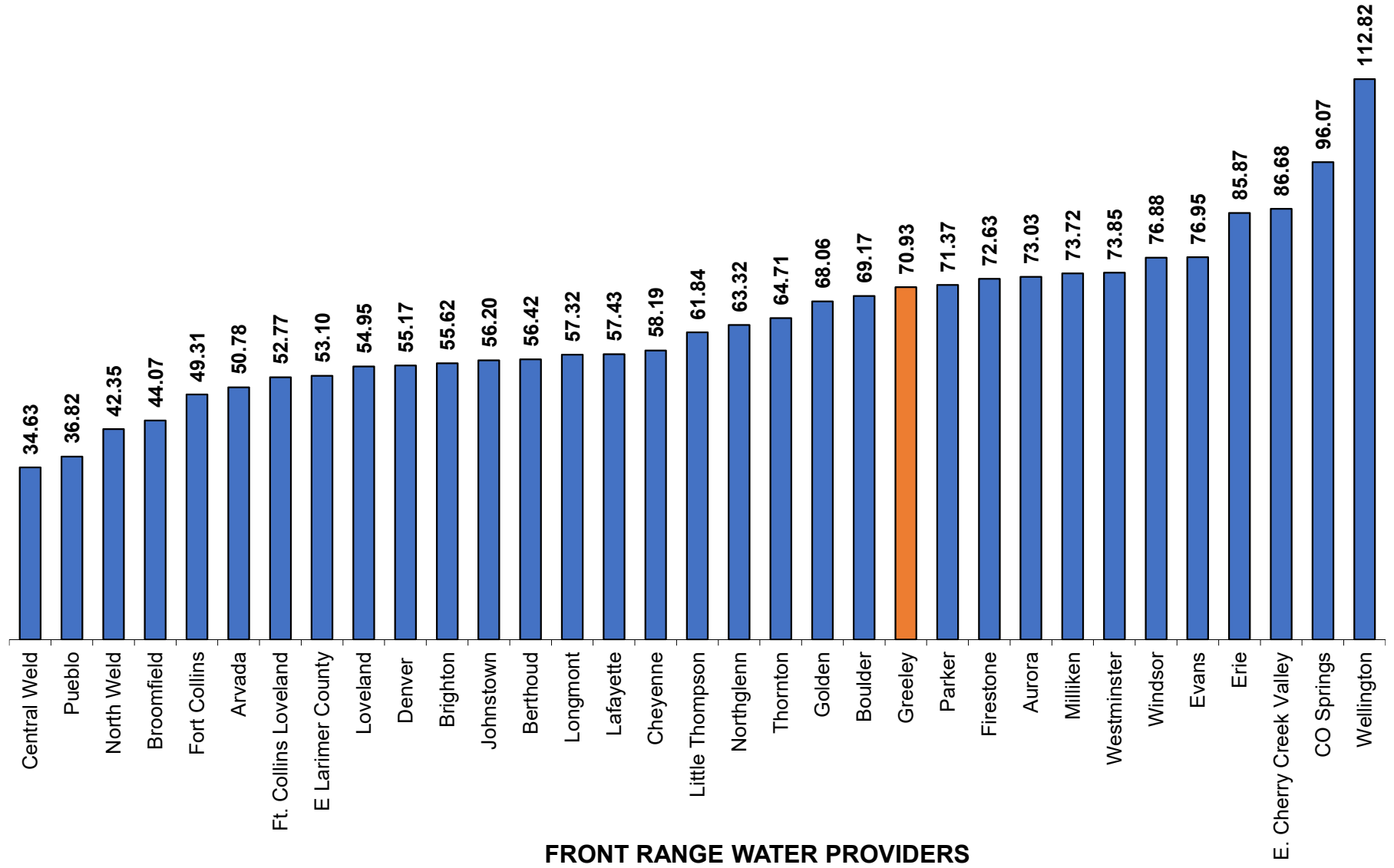
Thank You

Water & Sewer Board | December 15, 2021



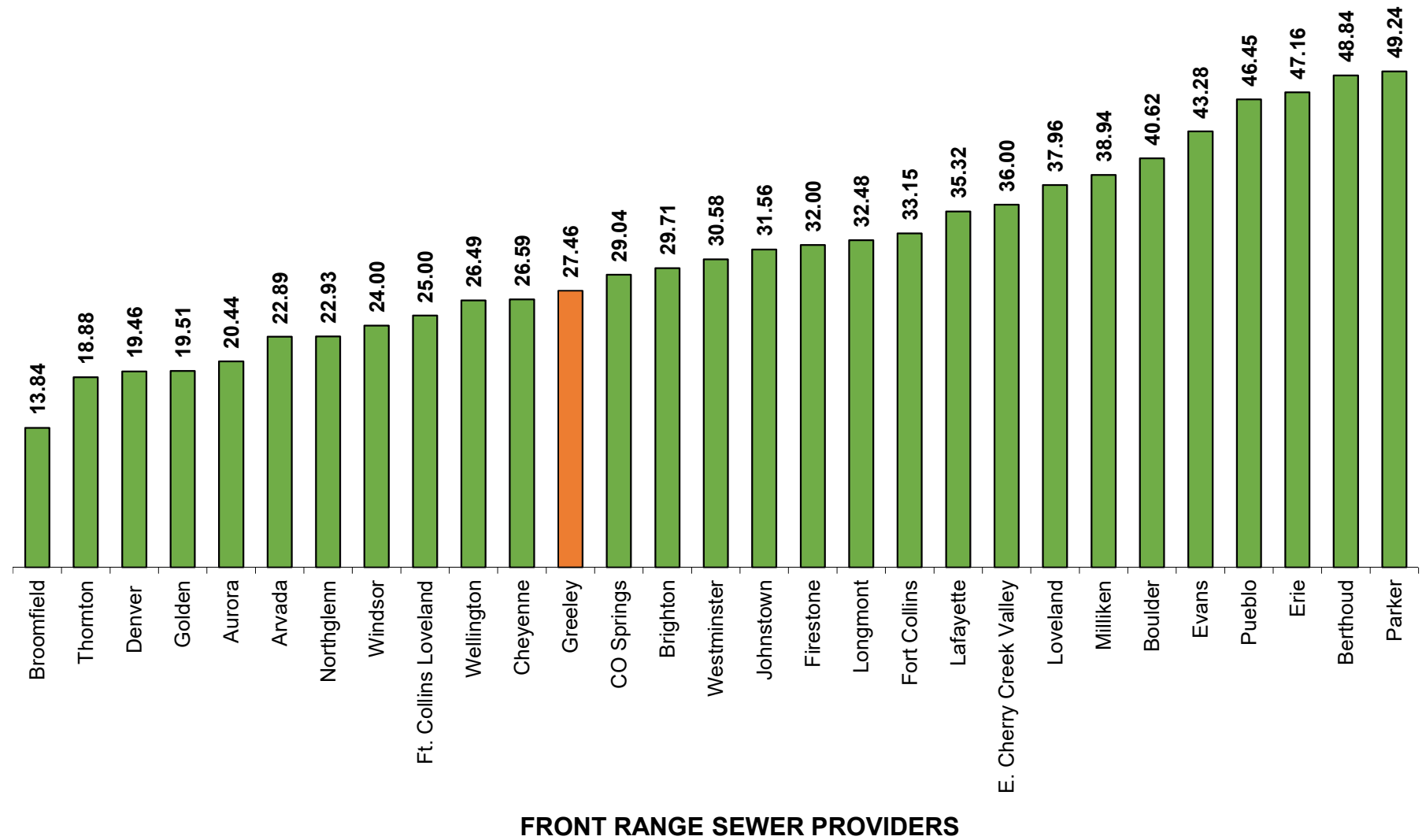
2022 Single Family Monthly Water Bill Comparison

Assumes water use of 10,000 gallons per month



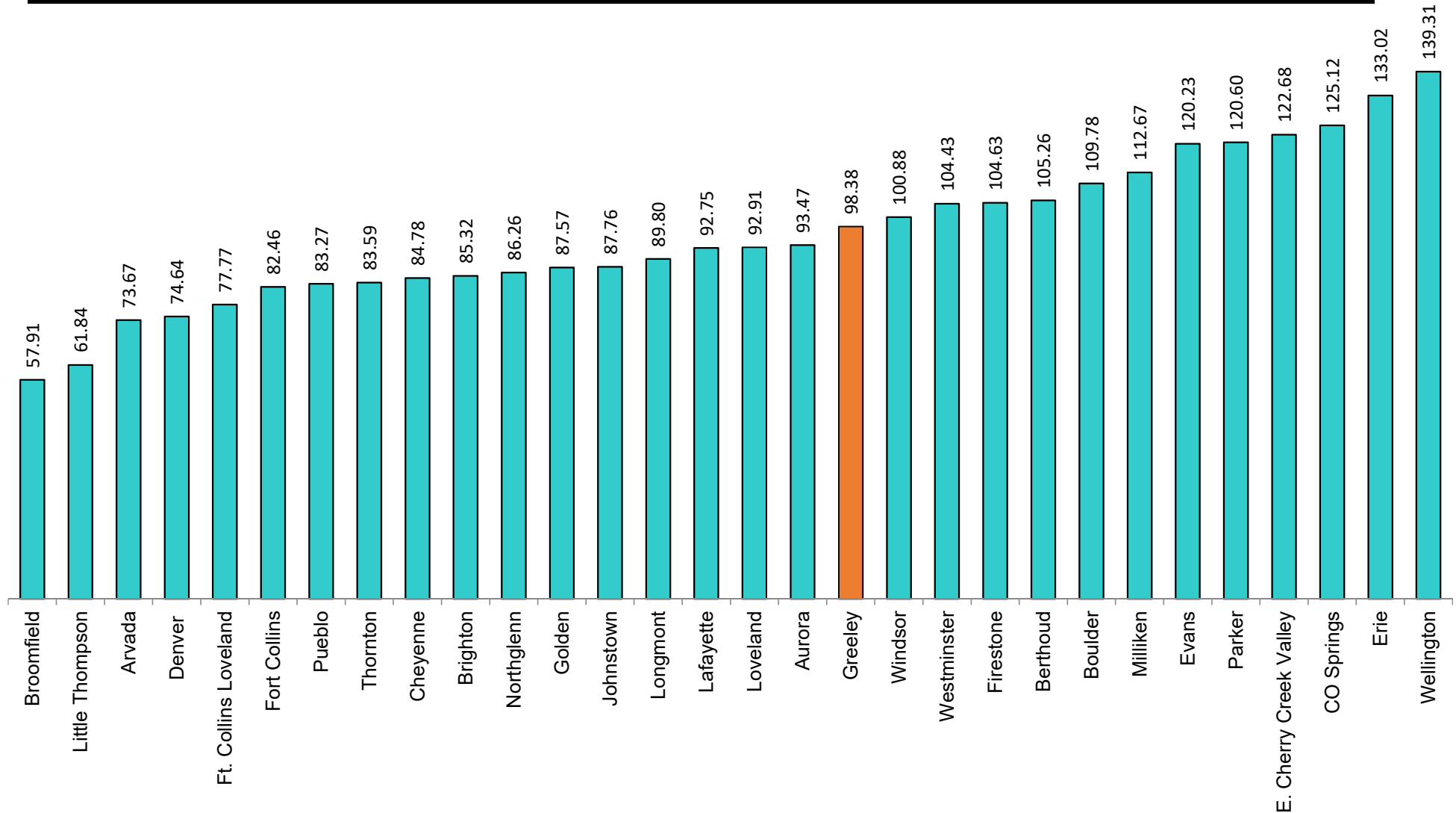
2022 Single Family Monthly Sewer Bill Comparison

Assumes average winter consumption of 3,900 gallons



2022 Single Family Monthly Water and Sewer Bill Comparison

Assumes 10,000 gallons monthly water use and 3,900 gallons average winter consumption



FRONT RANGE WATER AND SEWER PROVIDERS

**CITY OF GREELEY, COLORADO
ACTING BY AND THROUGH ITS WATER AND SEWER BOARD**

RESOLUTION ___, 2021

A RESOLUTION ADOPTING RATES, FEES, AND CHARGES FOR WATER AND SEWER SERVICES IN 2022

WHEREAS, the City of Greeley ("City") is a Colorado home rule municipality empowered pursuant to Sections 1 and 6 of Article XX of the Colorado Constitution to, *inter alia*, construct, purchase, acquire, lease, add to, maintain, conduct, and operate water works and everything required therefor, within or without its territorial limits, for use of the City; and

WHEREAS, Section 17-4 of the City Charter and Sections 20-27 and 20-30 of the Greeley Municipal Code authorize and require the Water and Sewer Board ("Board") to, *inter alia*, annually establish minimum water and sewer rates by resolution, which must be sufficient to include expenditures for all operations and maintenance of the water and sewer system, all debt service, and additions to a reserve account in sufficient amounts to offset depreciation to the water and sewer system; and

WHEREAS, Section 17-4 of the City Charter and Section 20-30 of the Greeley Municipal Code authorize and require the Board to acquire, develop, convey, lease, and protect water and sewer assets, supplies, and facilities; and

WHEREAS, Section 20-28 of the Greeley Municipal Code authorizes the Board to adopt minimum rates, fees and charges the Board deems necessary to cover the costs of inspections, tap installations, operations, maintenance and extensions of the water and sanitary sewer systems; and

WHEREAS, Sections 20-27 and 20-255 through 20-258 of the Greeley Municipal Code requires the Board to determine the fair market value of water, upon which value the fee for cash-in-lieu of raw water (i.e., the cash equivalent of raw water required to be dedicated for development within the City) is based; and

WHEREAS, the Board has advised the City Council of its long-term capital improvement plans, pursuant to Section 17-7 of the City Charter; and

WHEREAS, the Board's long-term capital improvement plan for water and wastewater contains extensive new construction and rehabilitation within the next five years; and

WHEREAS, the Board's long-term water storage and water acquisition plans contemplate the acquisition of new water supplies, as well as the construction and expansion of water storage infrastructure; and

WHEREAS, the Board's 10-year Financial Plan for funding operations, construction, water acquisition, and replacement programs calls for rate increases over the next several years to accomplish the programs anticipated;

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

Section 1. The water rates for 2022 shall be as shown in Appendix A to this resolution.

Section 2. The sewer rates for 2022 shall be as shown in Appendix B to this resolution.

Section 3. The water and sewer fees and charges for 2022 shall be as shown in Appendix C to this resolution.

Section 4. Water and sewer rate increases shall be allocated among the various customer classes in accordance with their service demand as determined by the City's rate model and shown in the attached rate appendices.

Section 5. The 2022 cash-in-lieu of raw water fee shall be as shown in Appendix A of this resolution, but may be adjusted thereafter periodically by the Water and Sewer Board by motion.

Section 6. The 2022 plant investment fees for water shall be as shown in Appendix A of this resolution.

Section 7. The 2022 plant investment fees for sewer shall be as shown in Appendix B of this resolution.

Section 8. The new water and sewer rates, and all other fees and charges not described in Section 9 below, shall take effect on January 1, 2022.

Section 9. The new plant investment fees and cash-in-lieu of raw water fee shall take effect on March 1, 2022 to provide the public with at least 45 days' notice of the new fees.

Section 10. Any specific reference in this resolution and the appendices to the Greeley Municipal Code shall be deemed applicable to any and all successor sections in the event the Code is revised after adoption of this resolution.

PASSED AND ADOPTED, SIGNED AND APPROVED THIS ____ DAY OF DECEMBER 2021.

ATTEST

**CITY OF GREELEY
WATER AND SEWER BOARD**

**Raymond C. Lee III
Secretary to the Board**

**Harold Evans
Chairman, Water and Sewer Board**

APPENDIX A

2022 WATER RATES AND FEES

A. WITHIN THE CITY OF GREELEY

Customer Class

Rate per 1,000 Gallons

Inside the City Single-Family Residential Water Budget

Tier One ($\leq$ 100% of Water Budget)	\$5.21
Tier Two (101-130% of Water Budget)	\$6.03
Tier Three (131-150% of Water Budget)	\$8.23
Tier Four ($>$ 150% of Water Budget)	\$10.97

Inside the City Residential not on Water Budget

\$5.46

Inside the City Commercial

\$5.45

Inside the City Industrial

\$4.28

In addition, the following service charges shall be billed regardless of the volume of water consumed.

Service Charges for Monthly Billed Period:

<u>Meter Size</u>	<u>Inside City</u>
5/8"	\$17.50
3/4"	\$17.50
1"	\$18.10
1½"	\$24.50
2"	\$27.10
3"	\$81.50
4"	\$95.50
6"	\$121.20
8"	\$155.00
10"	\$199.70
12"	\$258.50

B. OUTSIDE THE CITY OF GREELEY

<u>Customer Class</u>	<u>Rate per 1,000 Gallons</u>
Outside the City Residential	\$11.62
Outside the City Commercial	\$11.54
Sharkstooth Pipeline Company (Contributed Water Rights)	\$4.69
Mountain View Meadows (Not Contributed Water Rights)	\$9.67
Agriculture Special Contract (Greeley-Loveland by Agreement)	\$5.46
Kodak Alaris	\$3.75
Town of Windsor	\$5.00
City of Evans	\$4.69
Town of Milliken	\$5.98

In addition, the following service charges shall be billed regardless of the volume of water consumed.

Service Charges for Monthly Billed Period:

<u>Meter Size</u>	<u>Outside City</u>
5/8"	\$18.60
3/4"	\$18.60
1"	\$19.20
1½"	\$26.00
2"	\$28.70
3"	\$86.40
4"	\$101.20
6"	\$128.50
8"	\$164.30
10"	\$211.70
12"	\$274.00

C. RAW WATER PREREQUISITE

Raw water dedication is a prerequisite to receiving water service pursuant to City of Greeley Municipal Code Sections 20-254 and 20-257, regardless of whether the service requested is for treated or non-potable water.

D. RAW WATER SURCHARGE FOR CERTAIN TREATED WATER USERS

All non-residential customers, large multi-family residential customers, and large parcel single-family residential customers who use more water in a calendar year (based upon billing records) than their annual allotment, as set forth in Section 20-260 of the Greeley Municipal Code, shall be assessed a raw water surcharge of \$11.68 per 1,000 gallons on the volume of water used in excess of the annual allotment. This surcharge is based on the fair market value of water and cash-in-lieu of raw water fee.

E. RAW WATER SURCHARGE FOR NON-POTABLE USERS

All non-potable customers, residential or commercial, who use more water in a calendar year than the amount of raw water contributed (based upon billing records) shall be assessed a raw water surcharge of \$6.47 per 1,000 gallons on the excess usage. This surcharge is based on the market price for Greeley and Loveland Irrigation Company shares.

F. NON-POTABLE SERVICE

The non-potable water usage rate shall be \$3.82 per 1,000 gallons for the volume of water used. A monthly service charge of \$27.10 shall be assessed on every non-potable account during the period of its operation, regardless of the volume of water used. The City reserves the right to decide which customers will be allowed to receive non-potable water, depending on location, cost, and budgetary considerations.

G. TURN-ON CHARGE

The turn-on charge is hereby established at \$45.00. This charge is applicable to all turn-ons, including, but not limited to:

1. Non-payment shut-off and turn-on;
2. Emergency and non-emergency repairs except in the case of a meter failure or meter repair;
3. Lawn taps, except in the case of multiple lawn taps on the same property, only one charge will be required per service call.

No charge will be assessed for the turn-on and turn-off of non-potable service.

H. WATER/SEWER TAPPING CANCELLATION FEE

When less than 24 hours' notice is given to Greeley staff to cancel an appointment to tap a water or sewer line, a fee of \$75 will be assessed.

I. WATER SOLD FROM HYDRANTS

Water sold from City fire hydrants shall be charged as follows:

1. \$14.32 per 1,000 gallons.
2. Deposit fee: \$1,525
3. Meter rentals will be \$17.50 per workday or \$100.00 per week.
4. Replacement of damaged meter: \$1,525

J. PLANT INVESTMENT FEE SCHEDULE FOR WATER

- 1. Minimum Plant Investment Fees Based on Tap Size:** The following are minimum plant investment fees for treated water service.

<u>Tap Size</u>	<u>Water Plant Investment Fee</u>
3/4"	\$11,200
1"	\$18,700
1½"	\$37,300
2"	\$59,700
3"	\$130,600
4"	\$223,900
6"	\$466,500

K. PLANT INVESTMENT FEE REDUCTION FOR LOW-WATER USE IRRIGATION

Potable water irrigation taps serving multi-family or non-residential parcels that are ¾" or 1" in size and irrigate an area planted with 75% or more of low water use plantings as defined in City of Greeley Municipal Code Section 20-254 shall receive a 75% reduction in their plant investment fees for said irrigation taps. Potable water Irrigation taps sized 1 ½" and larger shall pay the full plant investment fee regardless of landscaping.

L. CASH-IN-LIEU OF RAW WATER

The cash-in-lieu of raw water fee is a fair market value of water determination based on the cost of the water rights portfolio that Greeley has secured to date and the current cost of developing new water storage projects. The cash-in-lieu of raw water fee is \$39,500 per acre-foot of water and shall be adjusted periodically in 2022 by the Water and Sewer Board by motion.

M. NON-AGRICULTURAL RAW WATER RENTAL

The City of Greeley manages a non-agricultural water rental program that provides annual excess water supplies to certain non-agricultural water users. Non-agricultural rentals can be made to supply augmentation, industrial water needs, home owner association irrigation, or other uses unrelated to agriculture. Raw water rental rates are evaluated and adjusted annually. Interested parties should contact the City of Greeley Water Resources department for current prices.

APPENDIX B

2022 SANITARY SEWER RATES AND FEES

A. RESIDENTIAL SANITARY SEWER RATES – WITHIN THE CITY OF GREELEY.

1. a. **Single Family Metered Rate**; applicable to all residential users receiving metered water in which not more than one family unit is housed on the same lot or in the same building: \$14.00 per billing period plus \$3.45 per thousand gallons of water use per billing period, not to exceed winter billing period consumption.

b. All new single family units which receive metered water will be assessed for 3,000 gallons of water at \$3.45 per thousand gallons plus \$14.00 per billing period until the end of their first complete winter billing period. At that time, the winter billing consumption volume will be used to calculate the sewer bill.

c. All single-family units with metered consumption less than 1,000 gallons in their most recent winter billing period shall be billed for actual consumption in subsequent billing periods, not to exceed an amount equal to 3,000 gallons of consumption.
2. a. **Single Family Flat Rate**; applicable to all residential users not receiving City water in which not more than one family unit is housed on the same lot or in the same building: \$14.00 per billing period plus 3,000 gallons at \$3.45 per thousand.
3. a. **Multi-Family Metered Rate**; applicable to all residential users receiving metered water in which two or more family units are housed on the same lot or in the same building: \$14.00 per sewer connection plus \$3.46 per thousand gallons of water use per billing period, not to exceed winter billing period consumption.

b. All new multi-family units which receive metered water will be assessed for 12,000 gallons of water at \$3.46 per thousand gallons plus \$14.00 per billing period until the end of their first complete winter billing period. At that time, the winter billing consumption volume will be used to calculate the sewer bill.
4. a. **Multi-Family Flat Rate**; applicable to all residential users not receiving City water in which two or more family units are housed on the same lot or in the same building: \$14.00 per sewer connection plus 12,000 gallons at \$3.46 per thousand.

B. COMMERCIAL SANITARY SEWER RATES – WITHIN THE CITY OF GREELEY.

1. **Class I Commercial Rate**; applicable to car washes, cleaners, laundromats, schools, colleges, churches, retail stores, offices, beauty shops, financial institutions, membership organizations without dining facilities, service stations (without repair), motels (without dining), and bed and breakfasts which provide a

continental breakfast: \$14.00 per sewer connection per billing period plus \$3.48 per thousand gallons of water use per billing period.

2. **Class II Commercial Rate;** applicable to bars and taverns (without dining), service stations (with repair), animal clinics, hospital/convalescent homes, photo finishing, light manufacturing, retail stores (with dining), convenience stores, and bed and breakfasts which cook a daily breakfast: \$14.00 per sewer connection per billing period plus \$4.85 per thousand gallons of water use per billing period.
3. **Class III Commercial Rate;** applicable to restaurants, hotels (with dining), bars and taverns (with dining), membership organizations (with dining): \$14.00 per sewer connection per billing period plus \$6.21 per thousand gallons of water use per billing period.
4. **Class IV Commercial Rate;** applicable to food markets, butchers, bakers, and food manufacturing: \$14.00 per sewer connection per billing period plus \$7.58 per thousand gallons of water use per billing period.
5. **Class V Commercial Rate;** applicable to mortuaries and miscellaneous heavy commercial manufacturing: \$14.00 per sewer connection per billing period plus \$8.97 per thousand gallons of water user per billing period.

C. RESIDENTIAL SANITARY SEWER RATES – OUTSIDE THE CITY OF GREELEY.

1.
 - a. **Single Family Metered Rate;** applicable to all residential users receiving metered water in which not more than one family unit is housed on the same lot or in the same building: \$17.50 per billing period plus \$4.23 per thousand gallons of water use per billing period, not to exceed winter billing period consumption.
 - b. All new single family units which receive metered water will be assessed for 3,000 gallons of water at \$4.23 per thousand gallons plus \$17.50 per billing period until the end of their first complete winter billing period. At that time, the winter billing consumption volume will be used to calculate the sewer bill.
 - c. All single-family units with metered consumption less than 1,000 gallons in their most recent winter billing period shall be billed for actual consumption in subsequent billing periods, not to exceed an amount equal to 3,000 gallons of consumption.
2.
 - a. **Single Family Flat Rate;** applicable to all residential users not receiving City water in which not more than one family unit is housed on the same lot or in the same building: \$17.50 per billing period plus 3,000 gallons at \$4.23 per thousand.
3.
 - a. **Multi-Family Metered Rate;** applicable to all residential users receiving metered water in which two or more family units are housed on the same lot or in the same building: \$17.50 per sewer connection plus \$4.31 per thousand gallons of water use per billing period, not to exceed winter billing period consumption.

- b. All new multi-family units which receive metered water will be assessed for 12,000 gallons of water at \$4.31 per thousand gallons plus \$17.50 per billing period until the end of their first complete winter billing period. At that time, the winter billing consumption volume will be used to calculate the sewer bill.
4.
 - a. **Multi-Family Flat Rate**; applicable to all residential users not receiving City water in which two or more family units are housed on the same lot or in the same building: \$17.50 per sewer connection plus 12,000 gallons at \$4.31 per thousand.

D. COMMERCIAL SANITARY SEWER RATES – OUTSIDE THE CITY OF GREELEY.

1. **Class I Commercial Rate**; applicable to car washes, cleaners, laundromats, schools, colleges, churches, retail stores, offices, beauty shops, financial institutions, membership organizations without dining facilities, service stations (without repair), motels (without dining), and bed and breakfasts which provide a continental breakfast: \$17.50 per sewer connection per billing period plus \$4.31 per thousand gallons of water use per billing period.
2. **Class II Commercial Rate**; applicable to bars and taverns (without dining), service stations (with repair), animal clinics, hospital/convalescent homes, photo finishing, light manufacturing, retail stores (with dining), convenience stores, and bed and breakfasts which cook a daily breakfast: \$17.50 per sewer connection per billing period plus \$6.01 per thousand gallons of water use per billing period.
3. **Class III Commercial Rate**; applicable to restaurants, hotels (with dining), bars and taverns (with dining), membership organizations (with dining): \$17.50 per sewer connection per billing period plus \$7.74 per thousand gallons of water use per billing period.
4. **Class IV Commercial Rate**; applicable to food markets, butchers, bakers, and food manufacturing: \$17.50 per sewer connection per billing period plus \$9.50 per thousand gallons of water use per billing period.
5. **Class V Commercial Rate**; applicable to mortuaries and miscellaneous heavy commercial manufacturing: \$17.50 per sewer connection per billing period plus \$10.76 per thousand gallons of water user per billing period.

E. INDUSTRIAL SANITARY SEWER RATES.

1. **SIC 2013 Rate**; applicable to prepared food manufacturers: \$14.00 per sewer connection per billing period plus \$16.54 per thousand gallons of sewer flow per billing period.

2. **SIC 2034 Rate;** applicable to dehydrated food producers: \$14.00 per sewer connection per billing period plus \$5.12 per thousand gallons of sewer flow per billing period.
3. **SIC 2047 Rate;** applicable to dog and cat food manufacturers: \$14.00 per sewer connection per billing period plus \$14.35 per thousand gallons of sewer flow per billing period.
4. **SIC 2873 Rate;** applicable to nitrogenous fertilizer producers: \$14.00 per sewer connection per billing period plus \$35.42 per thousand gallons of sewer flow per billing period.
5. **SIC 4212 Rate;** applicable to transportation equipment services providers: \$14.00 per sewer connection per billing period plus \$3.46 per thousand gallons of sewer flow per billing period.
6. **SIC 5169 Rate;** applicable to chemical and allied products manufacturers: \$14.00 per sewer connection per billing period plus \$3.47 per thousand gallons of sewer flow per billing period.
7. **SIC 7218 Rate;** applicable to industrial laundries: \$14.00 per sewer connection per billing period plus \$8.10 per thousand gallons of sewer flow per billing period.
8. **SIC 7542 Rate;** applicable to truck washes: \$14.00 per sewer connection per billing period plus \$5.40 per thousand gallons of sewer flow per billing period.

F. WASTEWATER PLANT INVESTMENT FEE.

The following minimum plant investment fee schedule for sewer taps is hereby established.

<u>Water Tap Size</u>	<u>Wastewater Plant Investment Fee</u>
3/4"	\$6,800
1"	\$11,400
1½"	\$22,800
2"	\$36,400
3"	\$79,700
4"	\$136,700
6"	\$284,800

An individual structure that contains more than one living unit (whether apartment, townhouse, mobile home, or condominium) may be served by a single tap.

APPENDIX C

2022 WATER AND SEWER DEPARTMENT MISCELLANEOUS FEES AND CHARGES

A. Water charges for meter failure or leak adjustments

1. Varies – Water charge will be based on the average consumption for the same period in two prior years and billed at the 2022 rates.

B. Water tap installation fees

1. $\frac{3}{4}$ " = \$205
2. 1" = \$225
3. 1 $\frac{1}{2}$ " = \$315
4. 2" = \$420
5. 4"-12" = \$540

C. Sewer tap installation fees

1. 4" = \$280
2. 6" = \$290
3. 4" to 6" on 15" or larger mains = \$425

D. Wastewater acceptance fee (hauled wastewater)

1. \$0.065/gallon

E. Water and sewer line crossing permits

1. Permit fee = \$50 per application
2. Inspection fee = \$100 per crossing

G. Construction cost recovery

1. Cost recovery for water and sewer assets will vary according to the development or site

H. Engineering design review fee

1. Varies – Review fee will be based on the length of the review and the cost of the engineer

I. Water Meter Fees

1. Varies – The meter fees are a pass through cost. The customer will pay the cost the City of Greeley pays to purchase the meters.

J. Publications

1. Printed - \$25
2. Electronic – Free

K. Other fees and charges

1. Fees may be charged for special circumstances outside the normal fee schedule. Such fees will vary.

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE _____ NO ENCLOSURE X

ITEM NUMBER: 9

TITLE: WATER SUPPLY UPDATE

RECOMMENDATION: INFORMATION ONLY

ADDITIONAL INFORMATION:

STAFF WILL PRESENT AN OVERVIEW OF THE 2021 WATER YEAR AND
PROVIDE AN UPDATE ON GREELEY'S CURRENT STORAGE LEVELS.

2021 Water Supply Update

Water & Sewer Board
December 15, 2021



Water Rental Summary

• C-BT	6,122	AF
• GLIC changed	1,722	AF
• GLIC unchanged	3,669	AF
• WSSC	450	AF
• NPIC	207	AF
• HMR	2,950	AF
• Leasebacks		
◦ WSSC	1,808	AF
◦ GLIC	9,655	AF
◦ L&W	614	AF
◦ New Cache	488	AF

Total	27,685	AF
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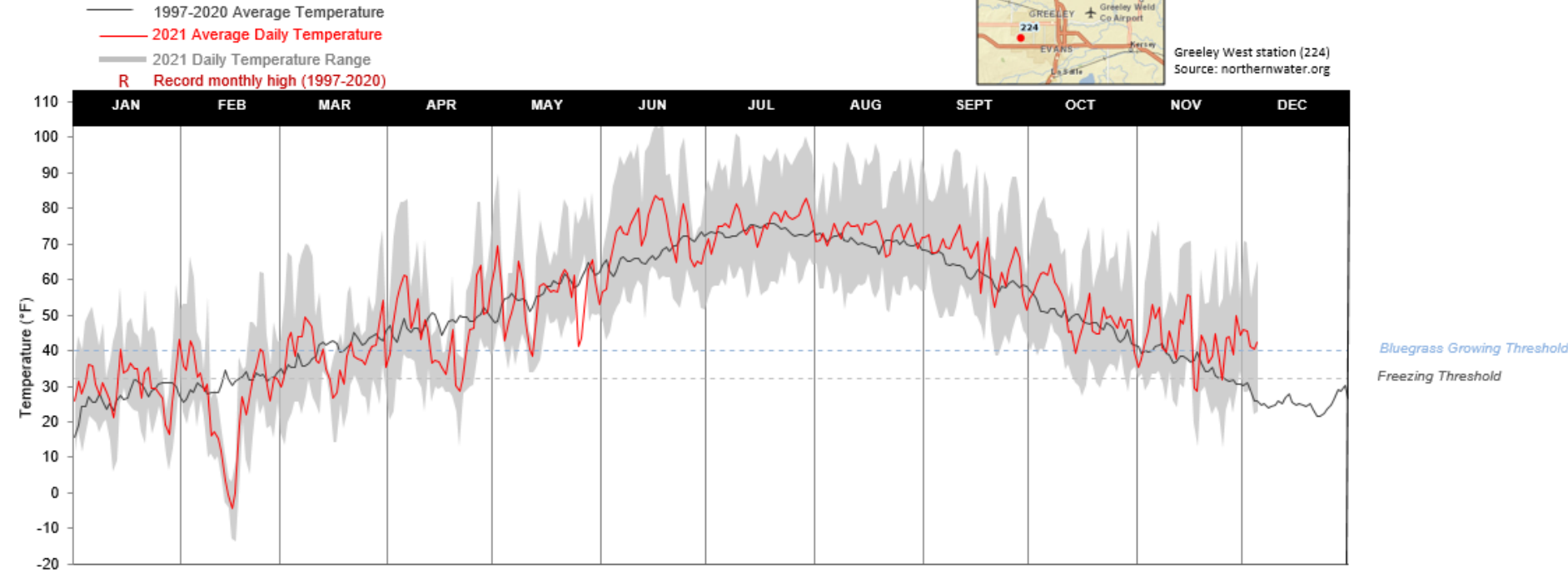


2021 Weather

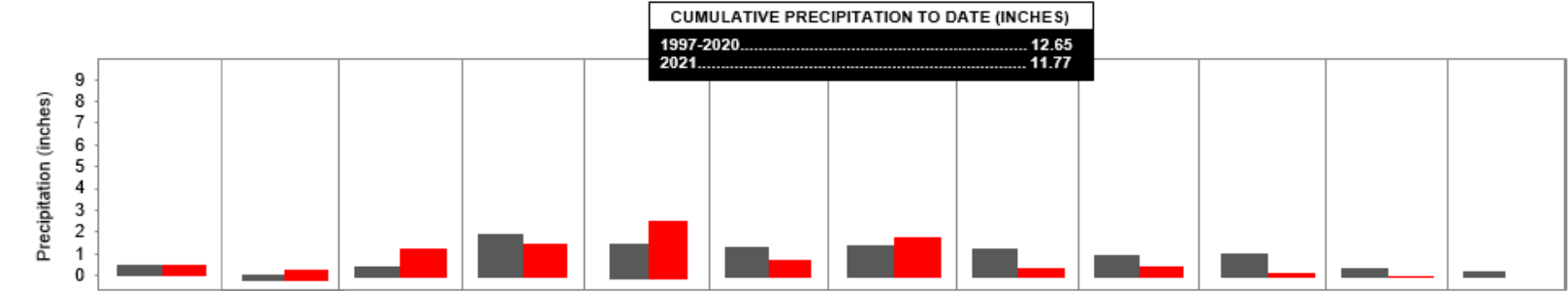
City of Greeley: Temperature (°F) and Precipitation 1997-2021



Greeley West station (224)
Source: northernwater.org

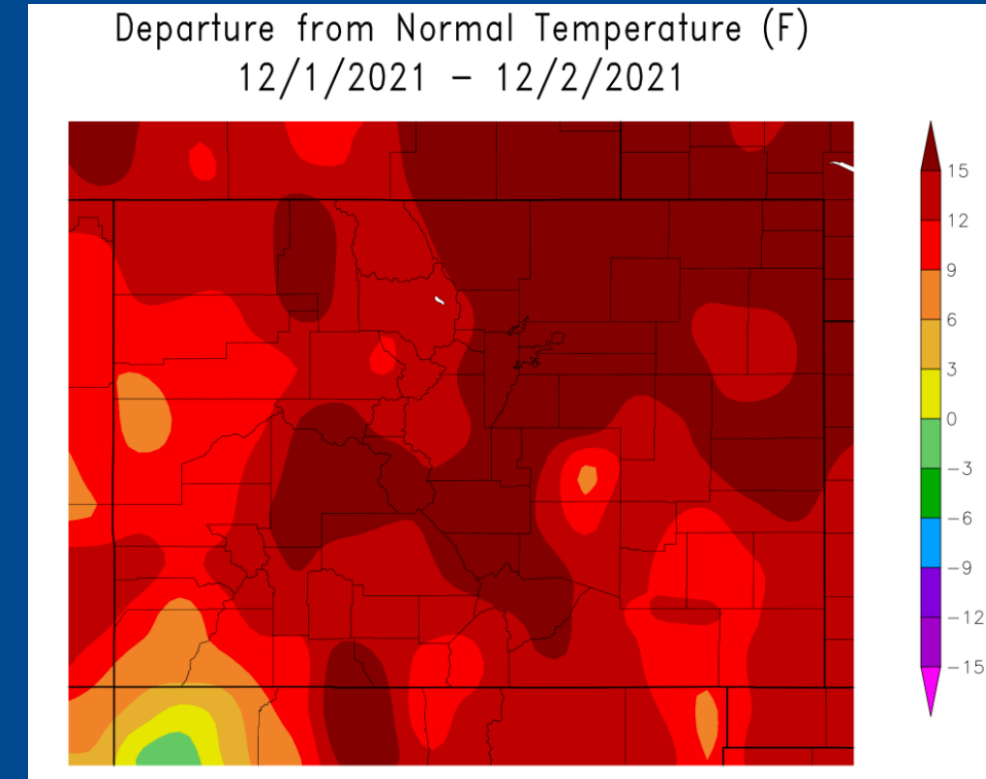


MONTHLY AVERAGE TEMPERATURE (°F)												
1997-2020	27.1	30.8	40.4	47.8	57.0	67.5	73.7	70.6	62.1	48.6	36.6	25.8
2021	30.5	25.1	39.1	46.0	55.4	72.3	76.0	73.1	65.8	51.1	42.8	15.3



2021 Weather

- Record high temperatures set:
 - June 16-17
 - September 9-10
 - December 1
- 228 days no snow-longest on record since 1887
- Precipitation likely to come as rain, not snow, if temps remain high
 - Given the lack of snow already, there are concerns about impacts from a winter rain event on fire burned areas
- Several ski resorts had to delay opening



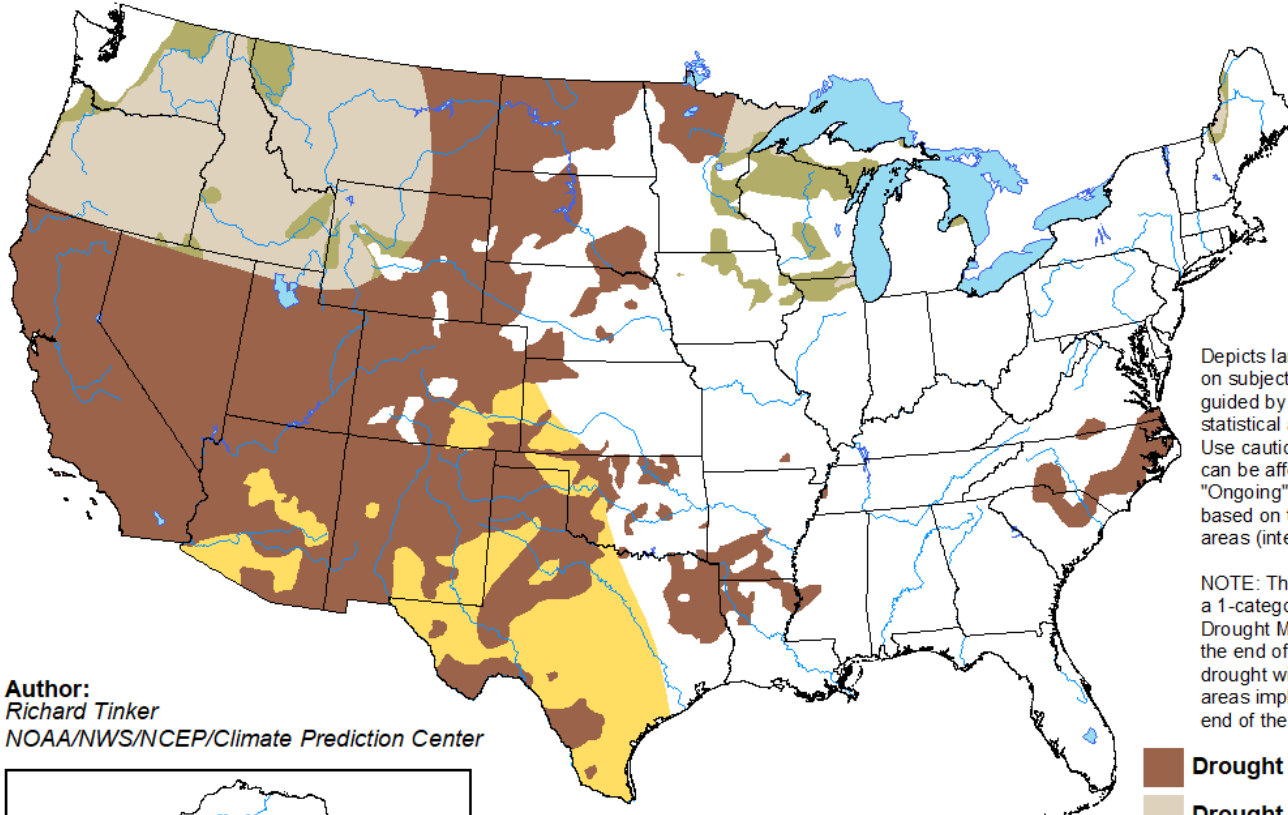
Drought Outlook

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for November 18, 2021 - February 28, 2022

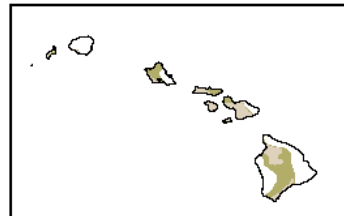
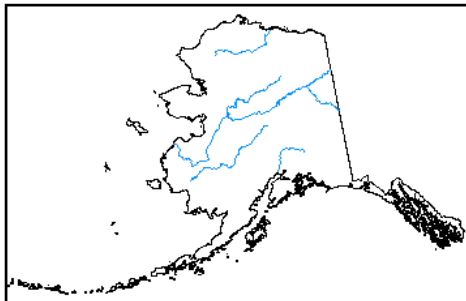
Released November 18, 2021



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
Richard Tinker
NOAA/NWS/NCEP/Climate Prediction Center



-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

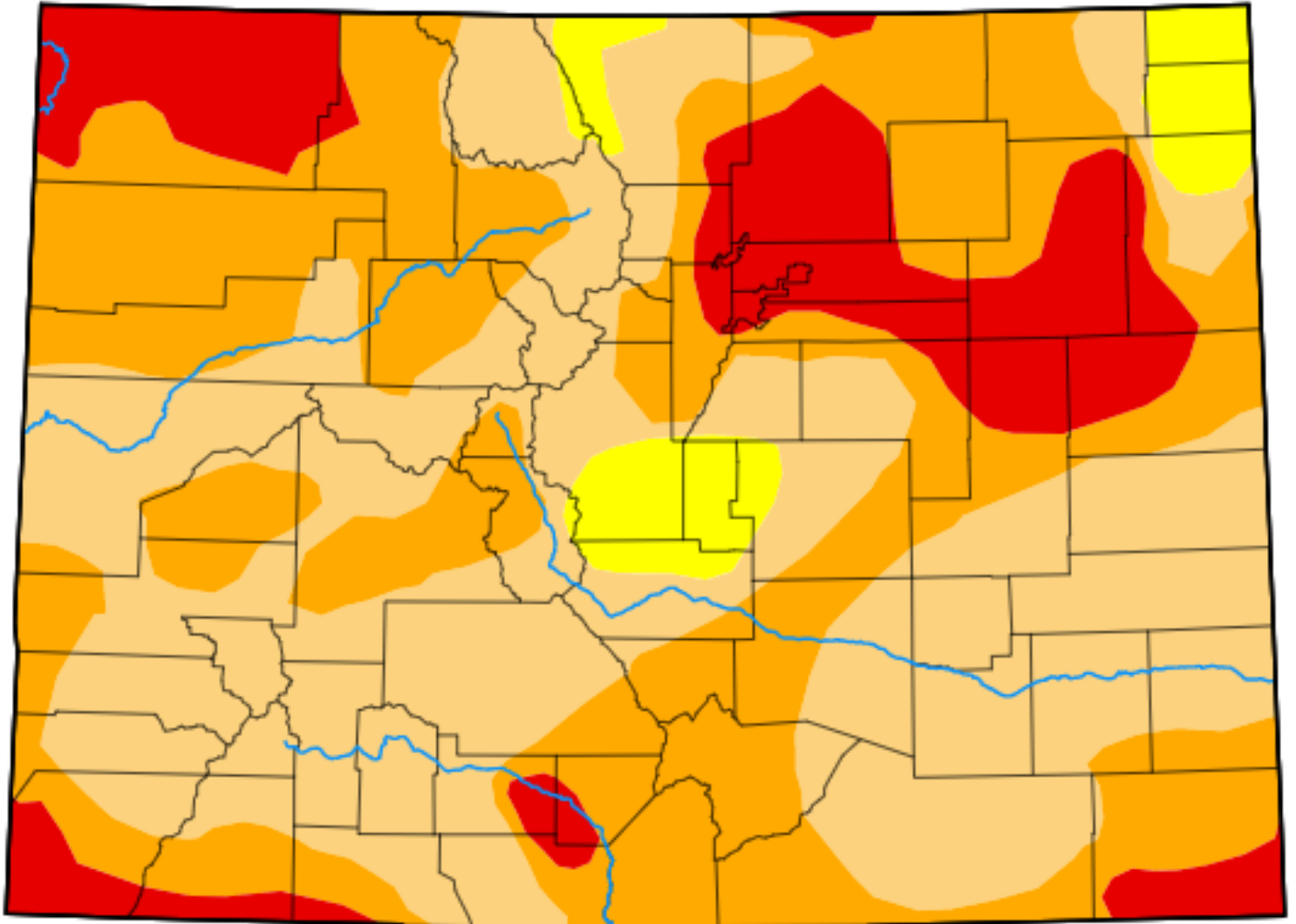
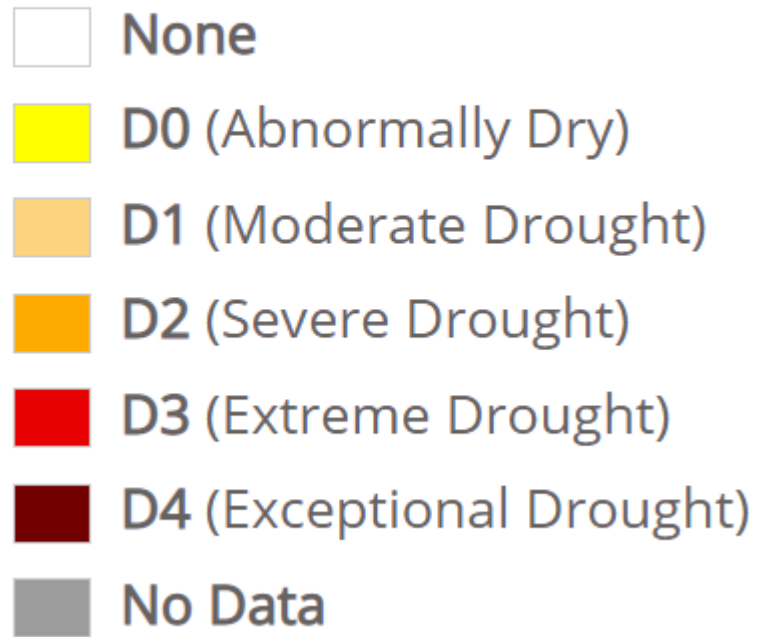


<http://go.usa.gov/3eZ73>



Current Drought Conditions

Intensity:



3 month temperature outlook

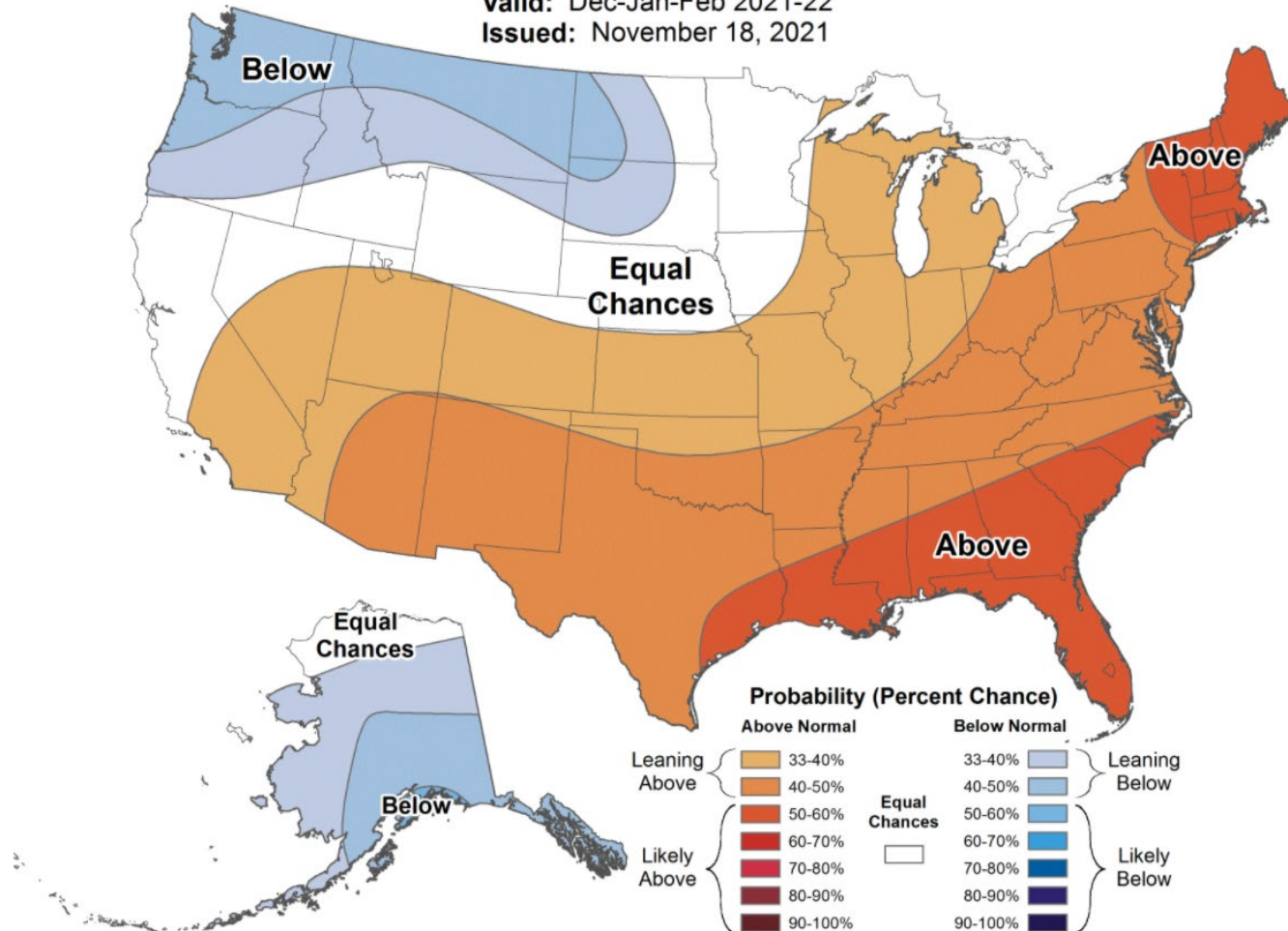


Seasonal Temperature Outlook



Valid: Dec-Jan-Feb 2021-22

Issued: November 18, 2021



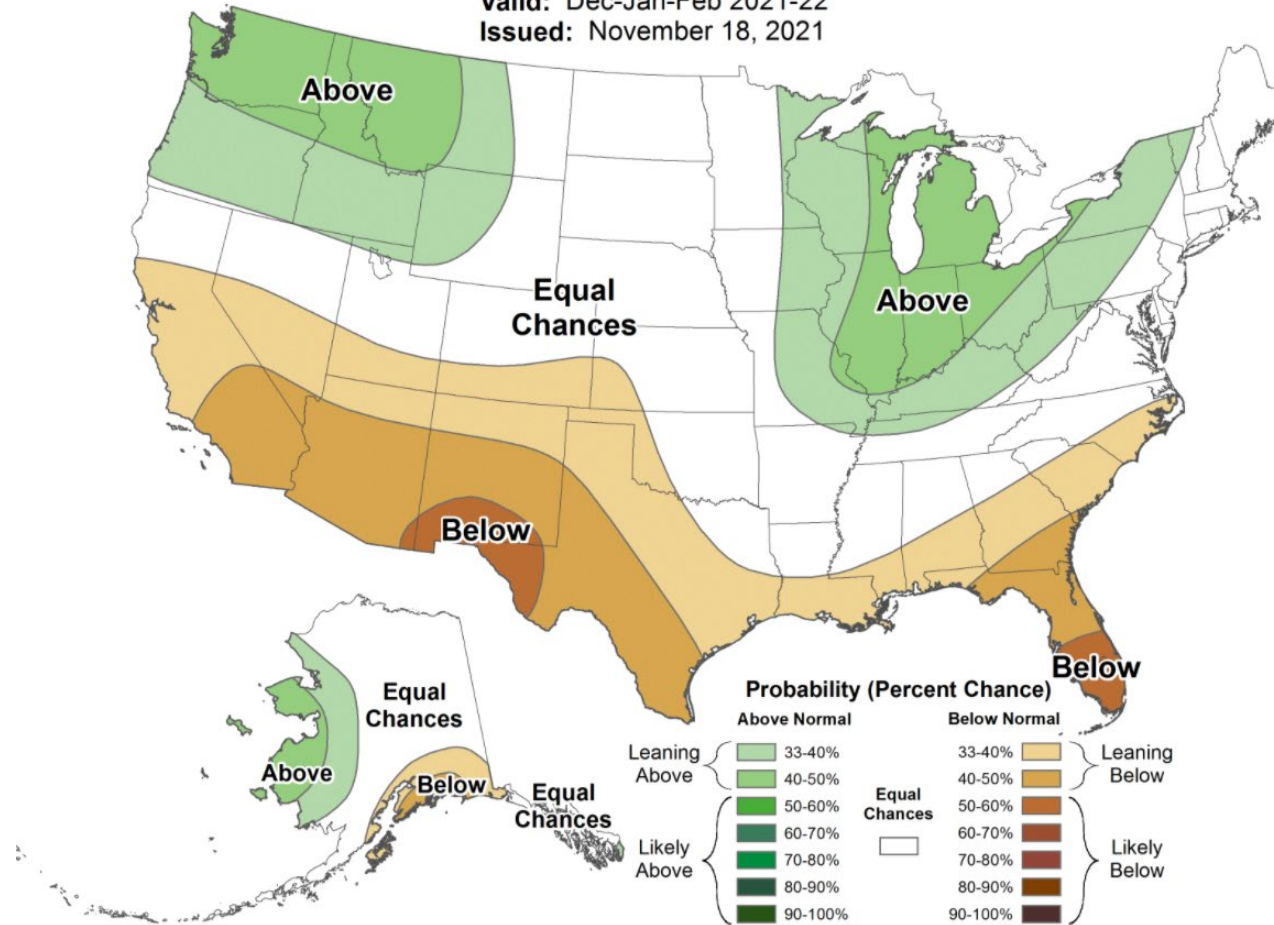
3 month precipitation outlook



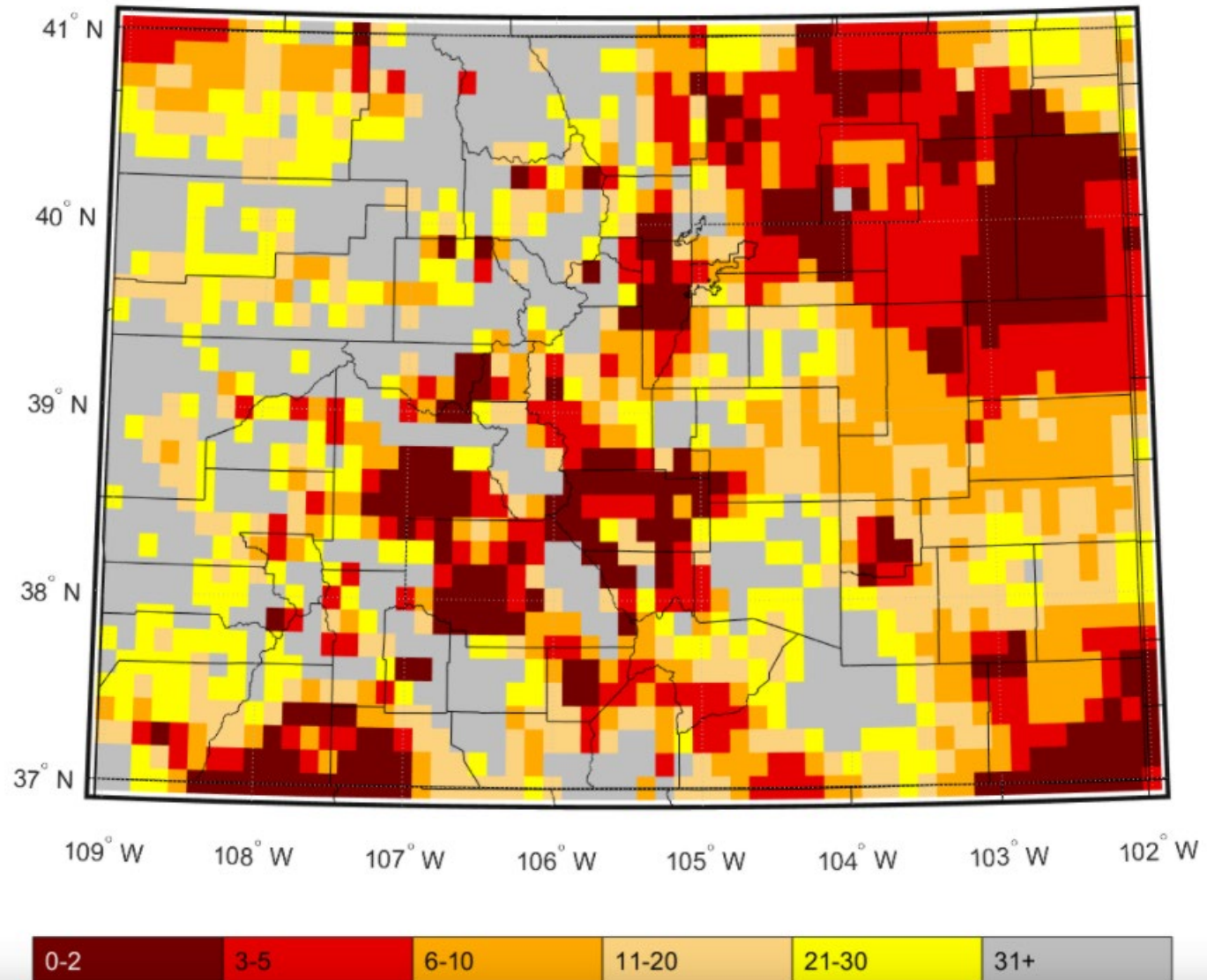
Seasonal Precipitation Outlook

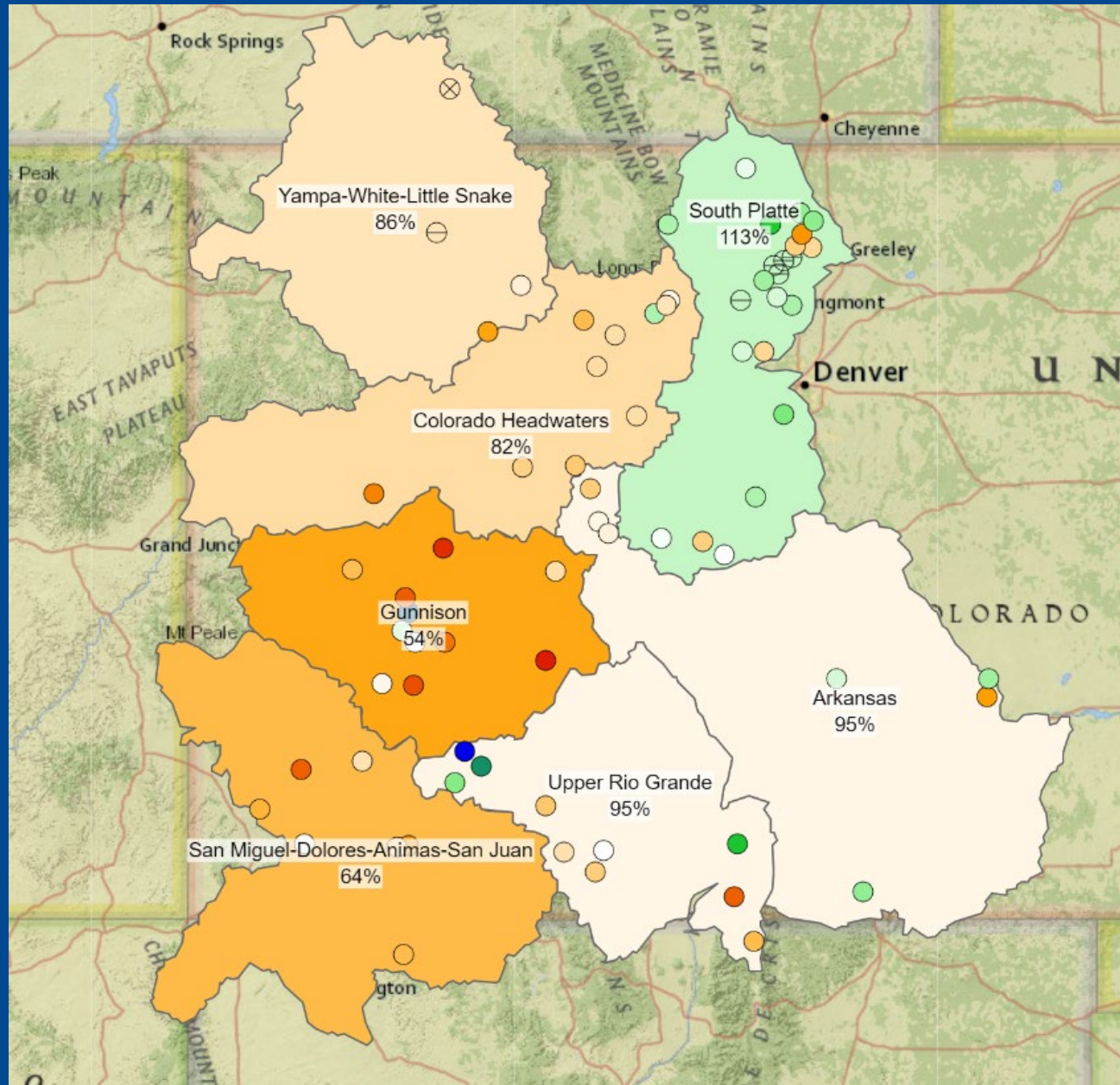
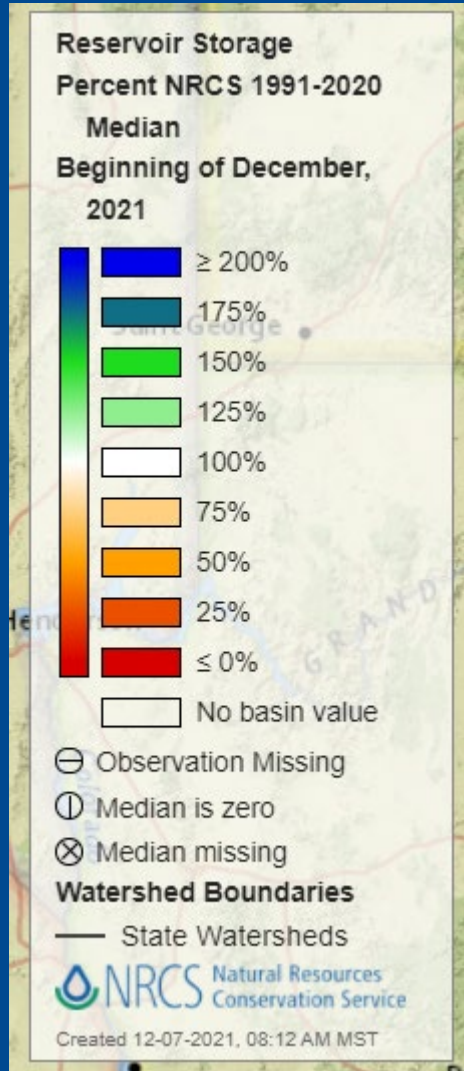


Valid: Dec-Jan-Feb 2021-22
Issued: November 18, 2021



Top Meter Soil Moisture Percentile
11/23/2021



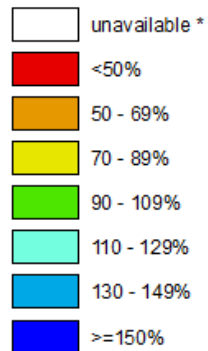


84%
Statewide
97% for S.
Platte
and CO

Colorado SNOTEL Current Snow Water Equivalent (SWE) % of Normal

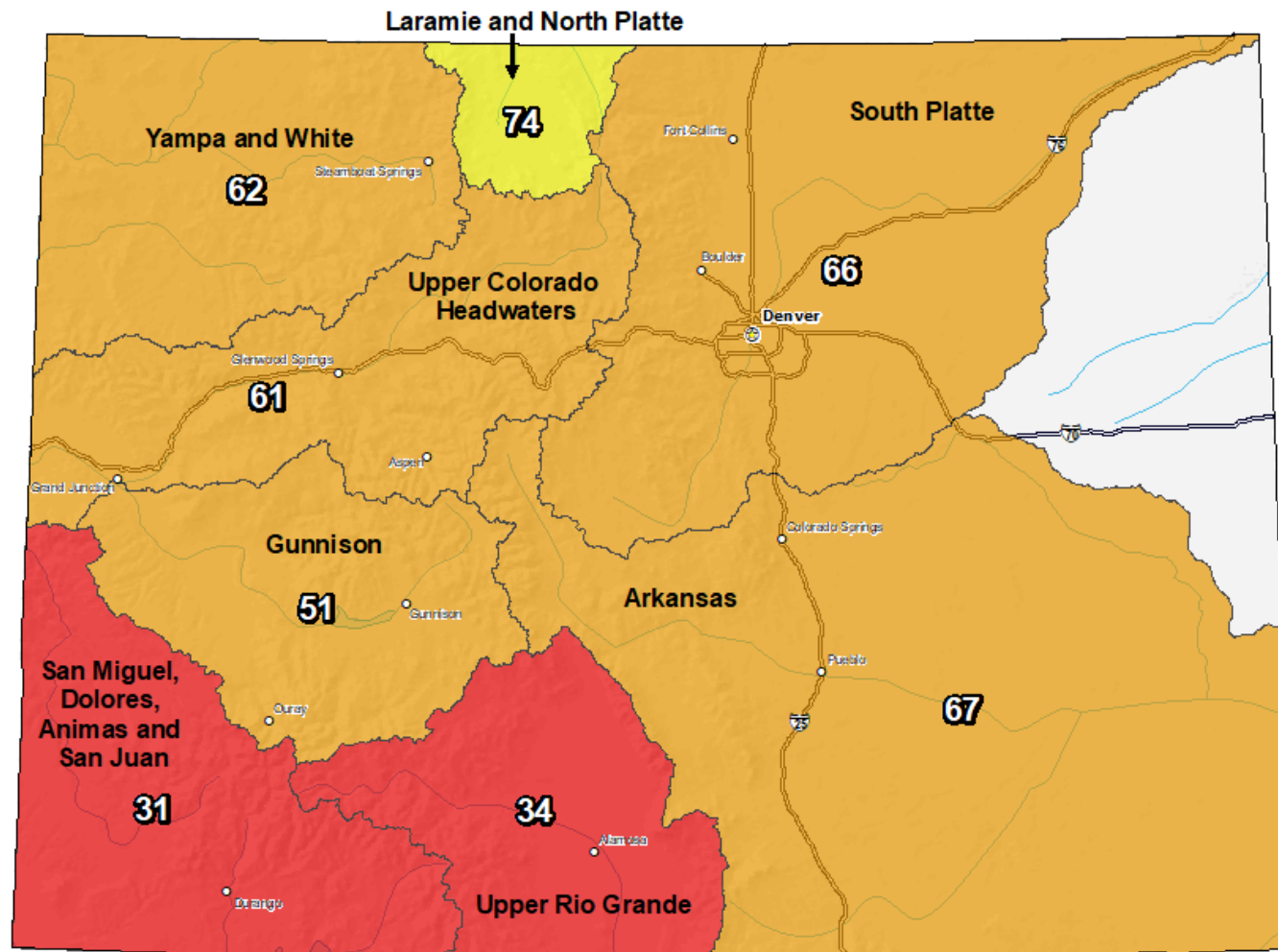
Dec 02, 2021

Current Snow Water
Equivalent (SWE)
Basin-wide Percent
of 1991-2020 Median



* Data unavailable at time
of posting or measurement
is not representative at this
time of year

Provisional Data
Subject to Revision



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

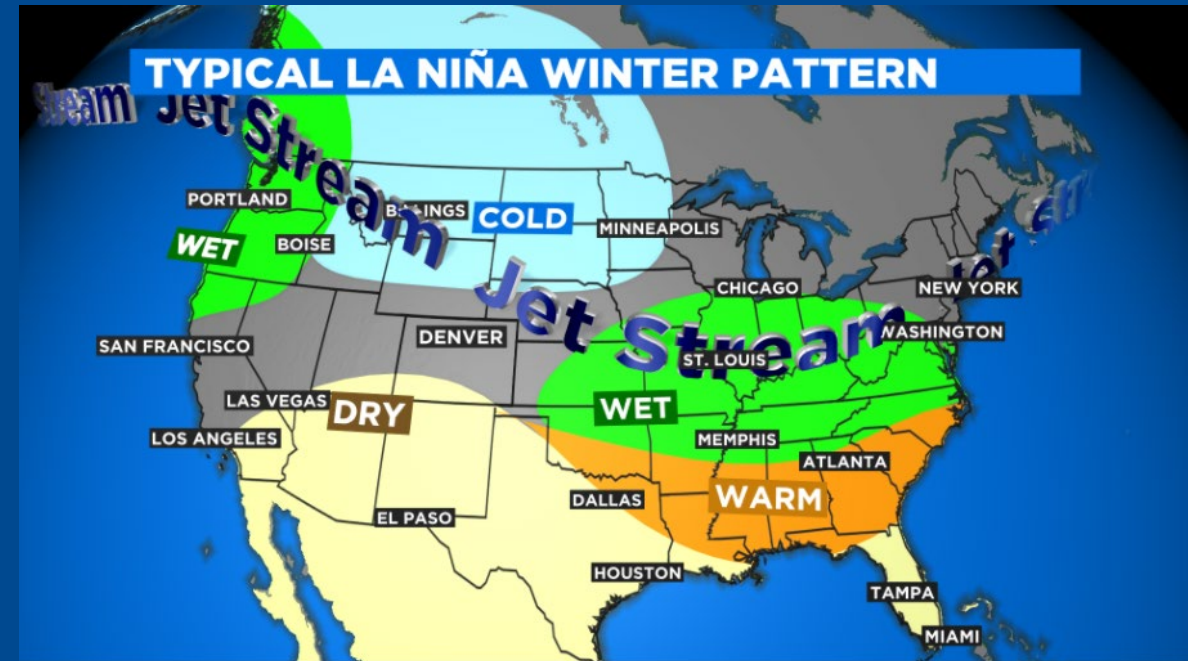
Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<https://www.nrcs.usda.gov/wps/portal/nrcs/home/>

Greeley System Storage

April 1, 2022 Storage (acre-feet)	
CBT	15,456
Windy Gap	673
GLIC	21,905
Tunnel	352
Total	38,387
Demands (April 1, 2022-March 31, 2023) (acre-feet)	
CBT	10,772
Windy Gap	3,883
GLIC	7,975
Tunnel	991
Total	23,621
Yields through April 2023 (acre-feet)	
CBT (Nov. 2022-April 1, 2022)	11,402
Windy Gap	3,450
GLIC	8,767
Tunnel	647
Total	24,266
April 2023 Storage by Source	
CBT	16,086
Windy Gap	240
GLIC	12,697
Tunnel	8
April 2023 Storage	29,032
April 2022 Storage-minus unusable GLIC	21,632
Target Storage Volume	21,300

Summary

- Drought conditions are present and likely to continue
- Moving into our 2nd year of La Nina conditions
 - In Northern Colorado La Nina can equate to colder weather and above average precipitation but not always
- In general, the NE portion of CO tends to fall in the equal chance category





Moving into winter

- Continue to maintain adequate target storage volume
- Monitor drought and water supply closely



Questions?





MEMORANDUM

TO: Sean Chambers, Water and Sewer Director
FROM: Jen Petrzeka, Water Resources Operations Manager
DATE: December 7, 2021
RE: 2021 Water Supply Update

ISSUE

In accordance with the Drought Emergency Plan, staff will report the water supply status to the Greeley Water and Sewer Board ("Board") in April, July and November of each year. Due to a delay in receiving data, this year's report is being presented in December.

The Water Resources Division's goal is maximize rentals, maximize storage and minimize spill by closely monitoring drought conditions, associated hydrologic conditions, and storage levels. Previous modeling analysis has shown that the target storage level needed to provide adequate drought protection for the citizens of Greeley is approximately 21,300 acre-feet. When the target storage level is met, Board can declare an "adequate water year" with normal watering restrictions. As base use demands increase in the future, periodic reevaluation of the target storage level will be required to ensure it is adequate to supply the citizens of Greeley.

The Greeley System Storage Analysis MS excel application is used for projecting the target storage level over a 12-month period. The model performs an annual water balance to arrive at a forecasted April 1st carryover storage based on existing supplies and demands for the current year. The storage analysis model only includes standard operational practices and does not take into account other plans (additional drought restrictions, etc.) that may be available to Greeley.

BACKGROUND

In 2021, monthly temperatures were close to average January through June. Beginning in June, temperatures were three to four degrees above average through November. This year's cumulative precipitation to date 11.73 inches which is 96% of the 10-year average of 12 inches. Monthly precipitation totals from January through July varied between above and below average and precipitation from August through November has been below average. Denver is at 228 days without snowfall which is the longest on record since 1887 which saw 235 days without snow. Currently, the South Platte Basin storage is at 113% of average and the state as a whole is at 84%

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.

of average. Production through October totaled 26,992 acre-feet, which 7% higher than the 5-year average likely due to the hot, dry late summer conditions.

The Colorado drought monitor shows the majority of Colorado is in a moderate to severe drought with a few areas of extreme drought in the northwest, northeast and southwest. The NOAA 3-month temperature projections indicate above average temperatures throughout the state with the exception of the northeast corner which has an equal chance of below or above average temperatures. The NOAA 3 month projection for precipitation indicates equal chance of above or below average precipitation for the northernmost two thirds of the state with the southern portion being below average. Soil conditions are drier than normal for much of the state, particularly in the northeast. Snowpack levels are at 66% and 61%, for the South Platte and Colorado Basin, respectively. While storage levels are above average for the S. Platte, current conditions and projections indicate a Statewide drought that will likely persist throughout the next year.

Last winter La Nina developed in September and La Nina is expected to be prevalent for this winter as well. For Colorado this means variable conditions across the State and from year to year, however, generally the southern portion of the state experiences warm and dry conditions and the northern part of the state sees colder temperatures, more snow and more wind.

For Water Year (WY) 2021, the High Mountain Reservoir (HMR) system yielded around 2,400 acre-feet of supply with the majority of that rented out to agriculture. This is significantly less than historical yield because we left Comanche and Hourglass reservoirs empty due to concerns of potential impacts from the surrounding Cameron Peak burn area. The Greeley Loveland System (GLIC) yielded 24,493 acre-feet, with 22,828 acre-feet carried over to WY 2022. Greeley rented out over 6,100 acre-feet of excess Colorado Big Thompson water (C-BT). In total, Greeley leased approximately 27,685 acre-feet in agricultural leases and high mountain reservoir water.

The Greeley System Storage Analysis table for Water Year 2022 shows the April 2023 storage level will be approximately 29,032 acre-feet. This conservatively assumes the following:

- High demands in Greeley
- No Windy Gap yields
- No high mountain reservoir or native Seaman supplies
- 50% quota issued for the C-BT project
- Collateralizing 4,450 acre-feet of C-BT for Greeley's Windy Gap requirements
- No agricultural rentals
- Dry year yields for the GLIC system

This projected storage volume is much higher than historically due to the large yields the GLIC system saw this year. Given GLIC cannot currently be treated and fully utilized year round, the estimated target storage volume minus the GLIC water that cannot feasibly be used is 21,632 acre-feet, which is still above Greeley's 21,300 acre-foot target.

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CBT	15,456
Windy Gap	673
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April 2023 Storage	29,032
April 2022 Storage-minus unusable GLIC	21,632
Target Storage Volume	21,300

SUMMARY

Initial Projections show the target storage volume is greater than 21,300 acre-feet. Staff will revise the target storage volume in April after Northern declares the quota and the Board will make a determination of adequate water year at the April 2022 Board meeting.

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE X NO ENCLOSURE

ITEM NUMBER: 10

TITLE: APPROVE AND RECOMMEND TO COUNCIL
THE ACQUISITION OF INTEREST IN REAL
PROPERTY FOR THE PURPOSE OF
CONSTRUCTION OF THE TERRY RANCH
PIPELINE

RECOMMENDATION: APPROVE AND RECOMMEND TO COUNCIL
THE ACQUISITION OF INTEREST IN REAL
PROPERTY FOR THE PURPOSE OF
CONSTRUCTION OF THE TERRY RANCH
PIPELINE

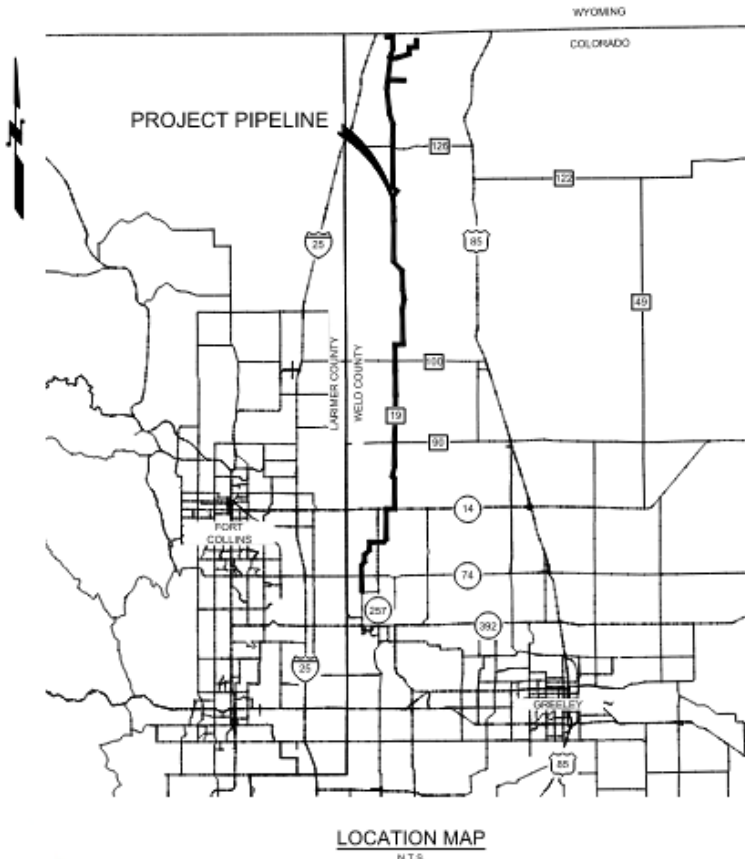
ADDITIONAL INFORMATION:

THE TERRY RANCH PIPELINE EASEMENTS ARE REQUIRED FOR
DELIVERING TREATED WATER FROM THE FUTURE TERRY RANCH
WATER TREATMENT PLANT TO THE CITY OF GREELEY. ACQUISITION
OF THE LINE LOCATIONS WILL REQUIRE THE ACQUISITION OF
INTEREST IN REAL PROPERTY.

Terry Ranch Water Supply Project: Easement Acquisitions and Authorization of Eminent Domain

Presented to Greeley Water &
Sewer Board

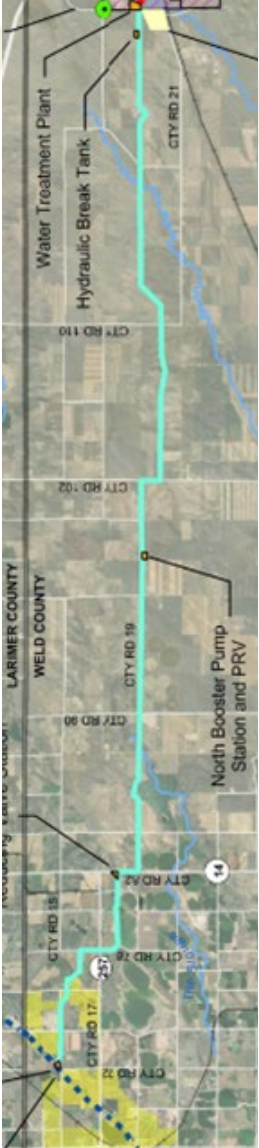
December 15, 2021



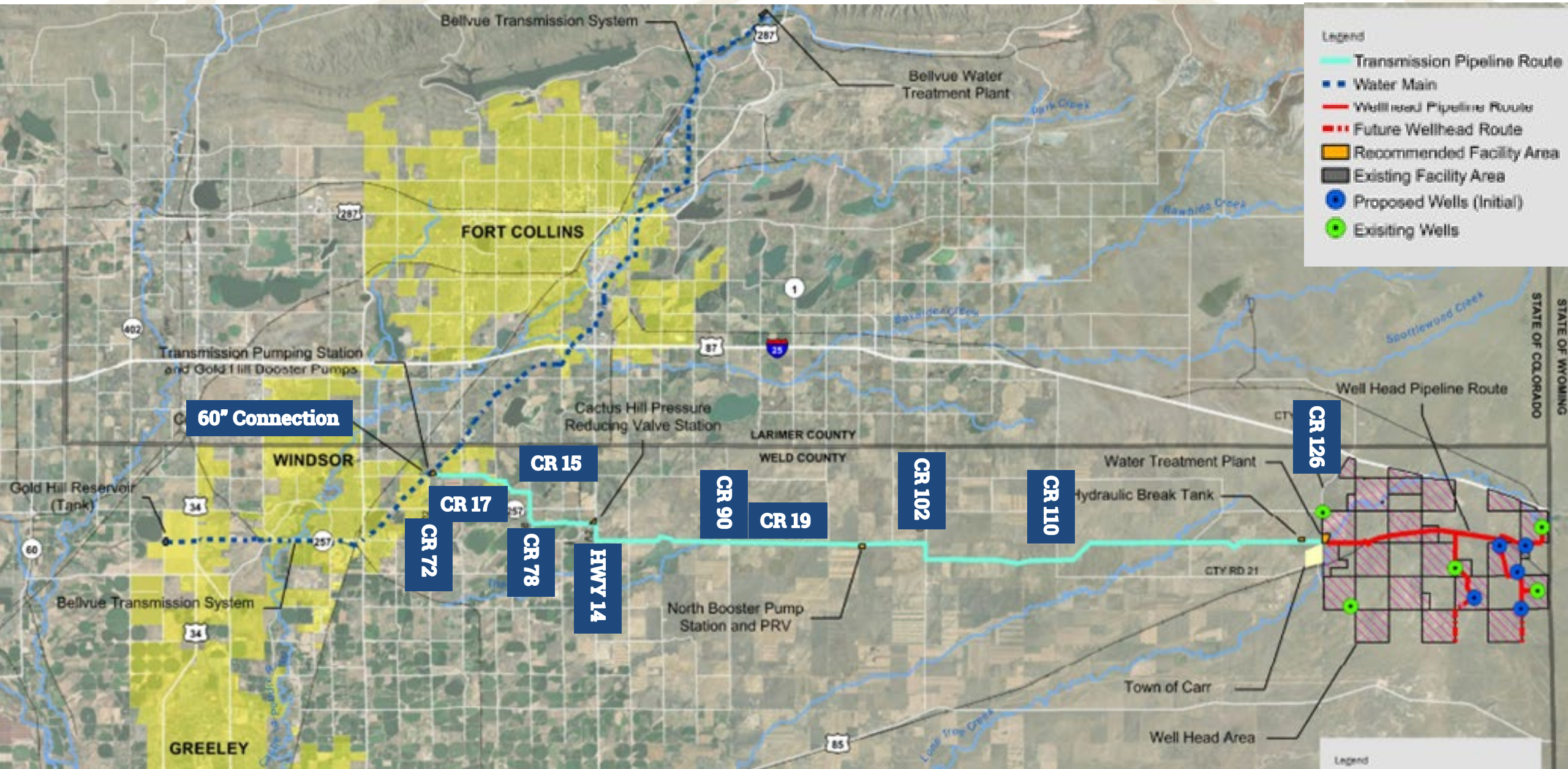
Terry Ranch Water Supply Project

- **Terry Ranch Project Plan Overview**

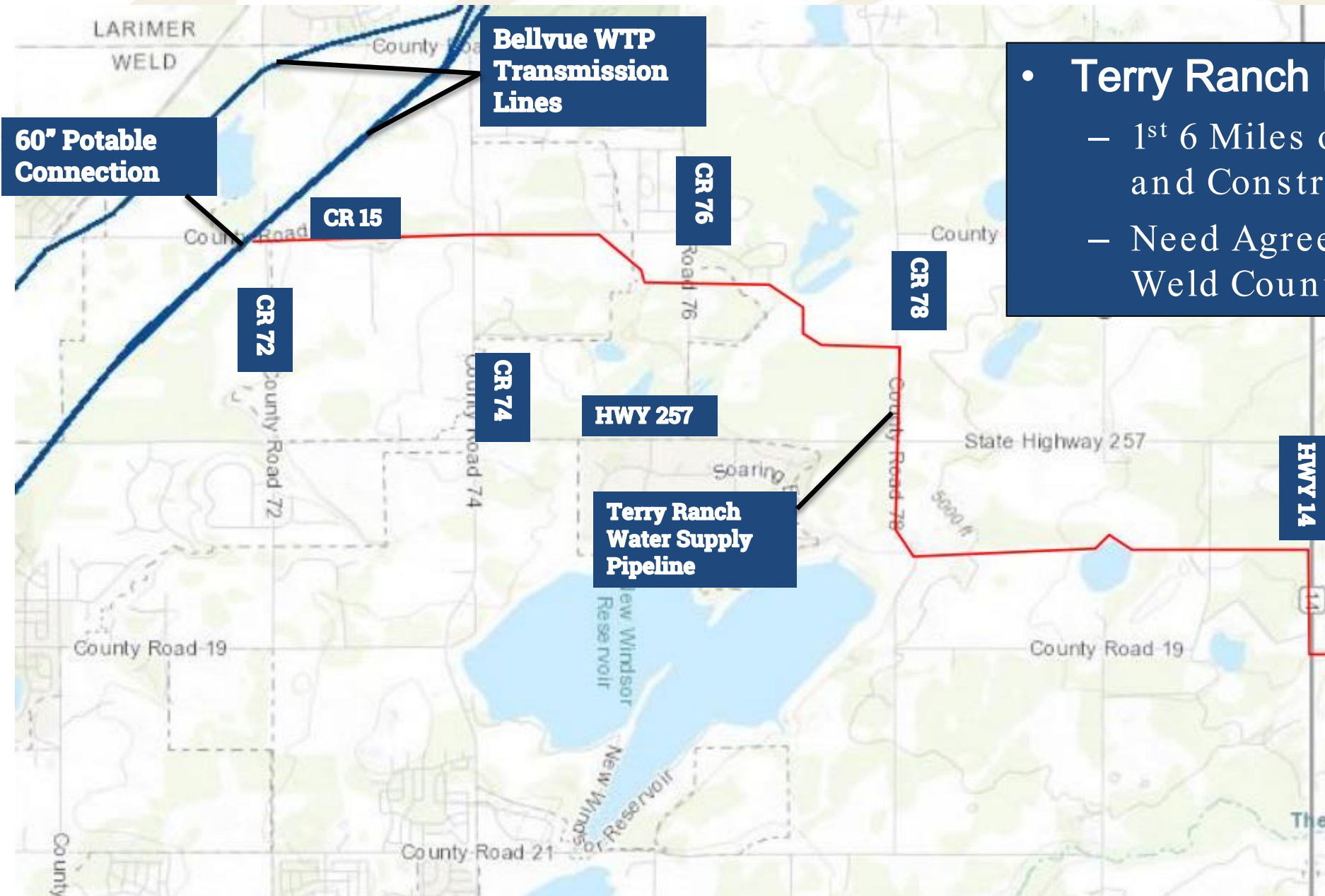
- Currently 30% Design and Acquiring Easements as Feasible
- RFP for CMAR & Design Currently Out for Proposals
 - Due December 14, 2021
 - Selection of CMAR and Design Engineer January 18, 2022
- Pipeline Design and Construction to Start at Bellvue 60" Connection and Progressing North
- Design of 1st 6 miles in 2022
- Construction of 1st 6 miles Begins Late 2022
 - Construction anticipated Late 2022-2025
- 60% Design of Remaining 24 miles in 2023
 - Final Design and Construction Planned for 2025-2035



Terry Ranch Water Supply Project

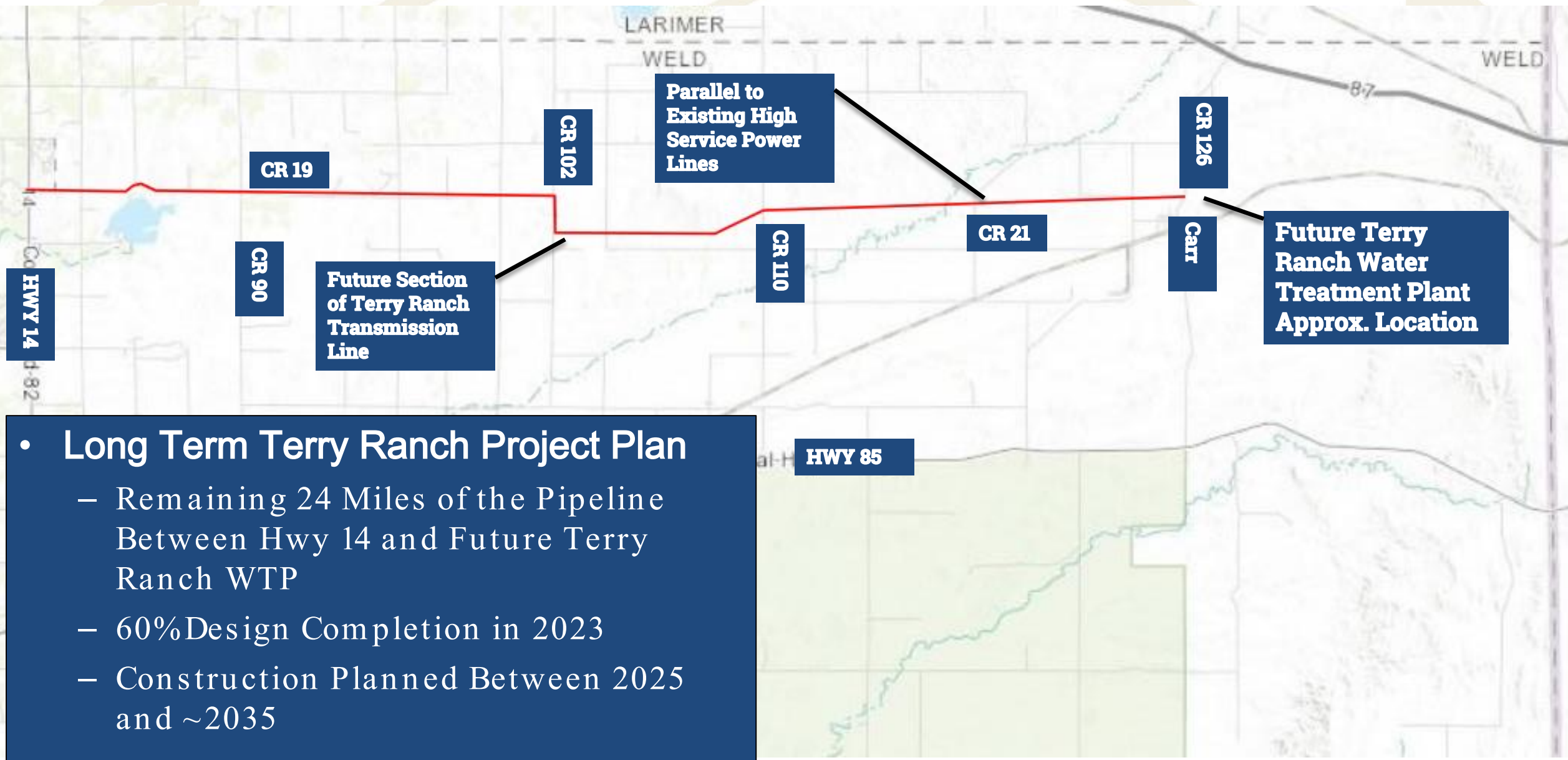


Terry Ranch Water Supply Project

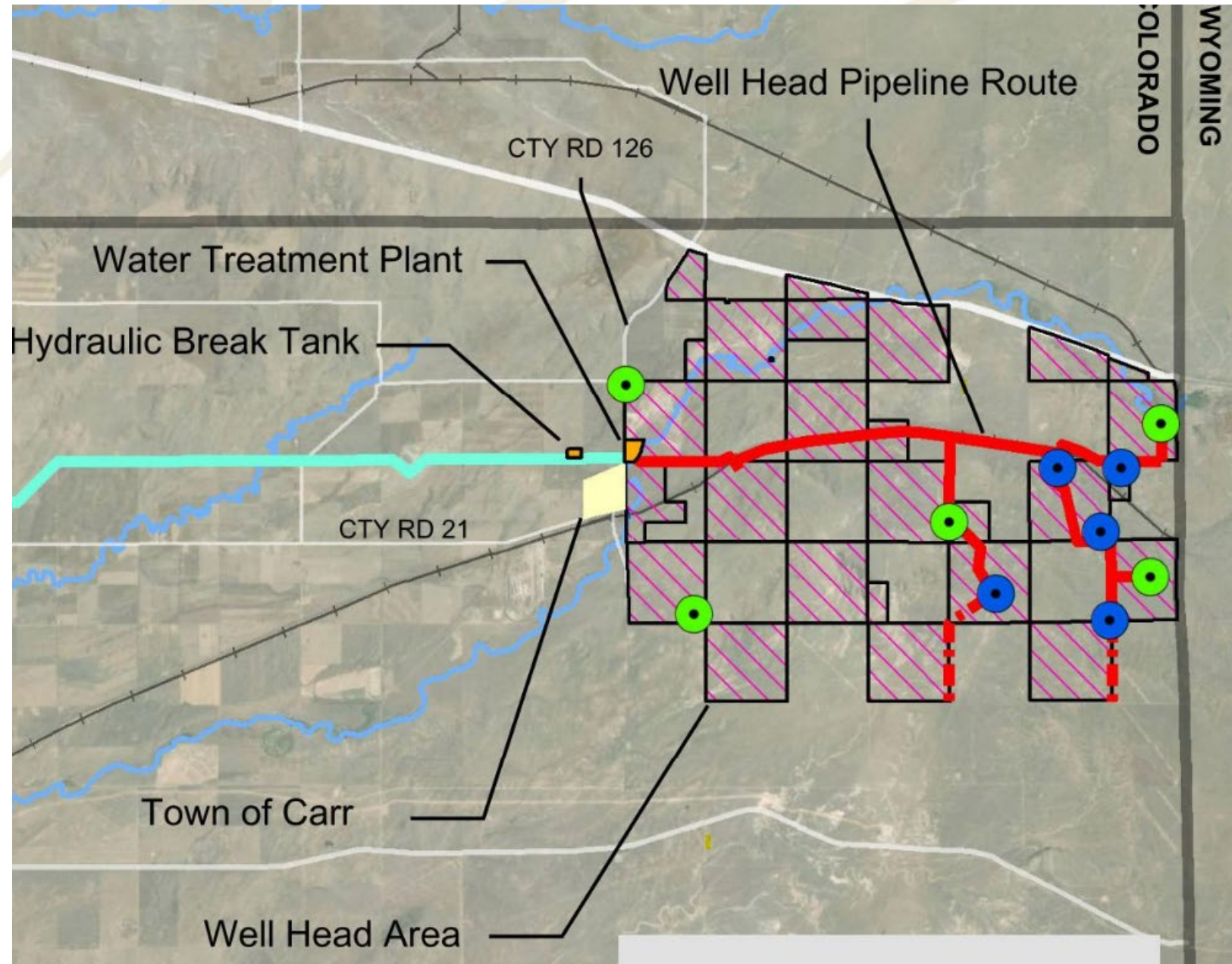


- **Terry Ranch Phase 1 Project Plan**
 - 1st 6 Miles of the Pipeline Design and Construction Starting in 2022
 - Need Agreement for ROW Use from Weld County and Windsor

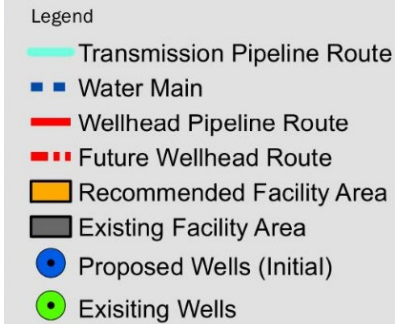
Terry Ranch Water Supply Project



Terry Ranch Water Supply Project



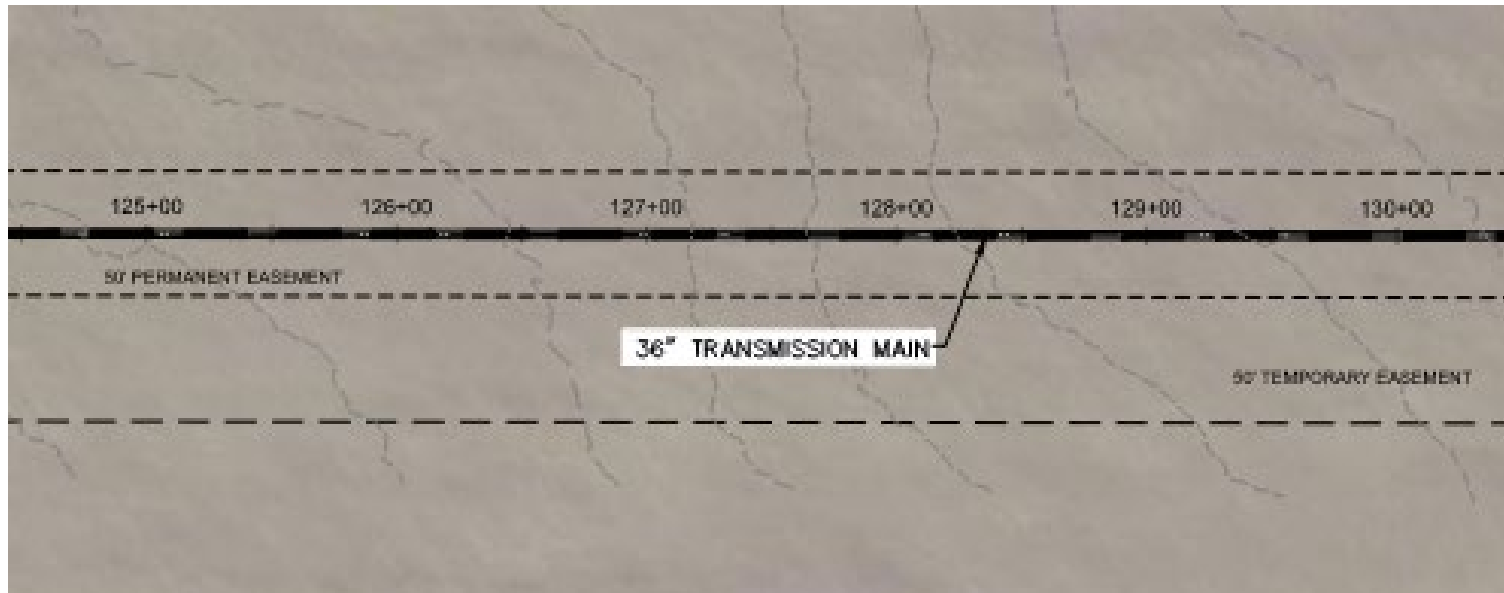
- Long Term Terry Ranch Project Plan
 - Design and Construction Planned 2035
 - Treatment Plant
 - Well Sites
 - Well Pipeline



Terry Ranch Water Supply Project

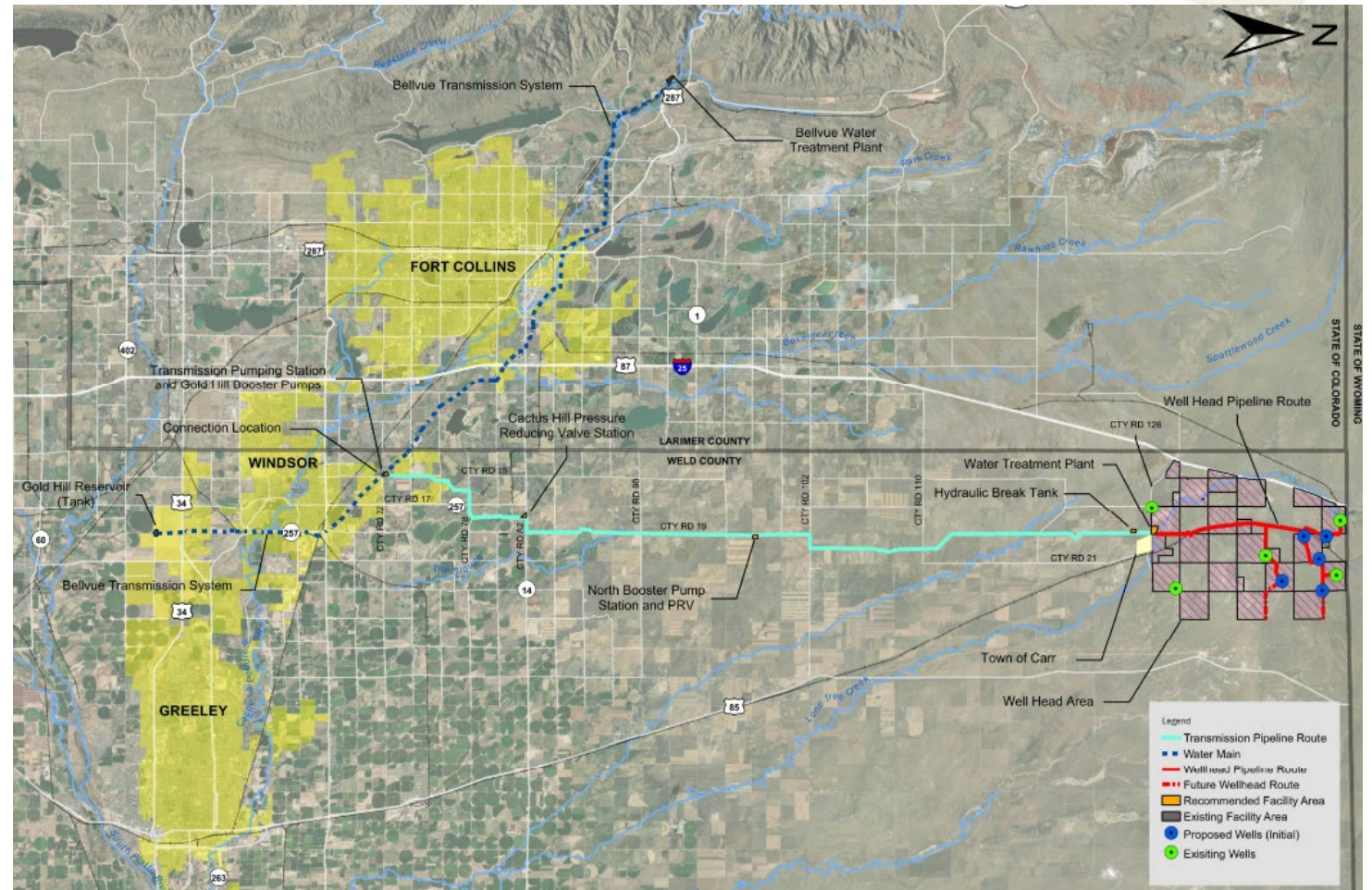
Easement Acquisitions Along Complete Route:

- Must connect to the Existing 60" Transmission Line
- 33 Total Miles of Transmission Pipeline to Terry Ranch
 - 50' wide Permanent Easement
 - 50' wide Temporary Construction Easement
- Water Treatment Plant Site & Well Field Locations and Pipeline on Terry Ranch



Conclusions and Staff Recommendations:

- The Terry Ranch Water Supply Pipeline will supply the City of Greeley with potable water from the Terry Ranch well field water treatment plant
- City Staff Recommends Water and Sewer Board to Approve of the Resolution to Acquire Property and Easements for the Terry Ranch Water Supply Project





QUESTIONS?



**THE CITY OF GREELEY, COLORADO
ACTING BY AND THROUGH ITS WATER AND SEWER BOARD
RESOLUTION ___, 2021**

**A RESOLUTION APPROVING THE ACQUISITION OF INTERESTS IN REAL
PROPERTY LOCATED IN WELD COUNTY, COLORADO RELATED TO THE
DEVELOPMENT OF THE TERRY RANCH POTABLE WATER TREATMENT PLANT
AND RELATED ADDITIONAL WATER TRANSMISSION LINES AND ASSOCIATED
FACILITIES BY PURCHASE OR EXERCISE OF THE POWER OF EMINENT
DOMAIN PURSUANT TO SECTION 7 OF ARTICLE XVI, SECTION 15 OF ARTICLE
II, AND SECTIONS 1 AND 6 OF ARTICLE XX OF THE COLORADO CONSTITUTION
AND C.R.S. §§ 31-15-101, *et seq.*; 38-1-101, *et seq.*
(TERRY RANCH WATER SUPPLY PROJECT)**

WHEREAS, the City of Greeley (“City”) is a Colorado home-rule municipality empowered, pursuant to Sections 1 and 6 of Article XX of the Colorado Constitution, to, *inter alia*, construct, purchase, acquire, lease, add to, maintain, conduct, and operate water works and everything required therefor, within or without its territorial limits, for the use of the City; and

WHEREAS, Section 15 of Article II and Section 7 of Article XVI of the Colorado Constitution further authorize the City to acquire property to convey water for domestic, irrigation, drainage, and other purposes; and

WHEREAS, Section 17-4 of the City’s Charter authorizes and requires the City Water and Sewer Board (“Board”) to acquire, develop, convey, lease, and protect water and sewer assets, supplies, and facilities; and

WHEREAS, Section 17-1 of the Greeley City Charter authorizes the Board to qualify the Water and Sewer functions and operations as an “enterprise” as that term is contained in Section 20 of Article X of the Colorado Constitution, and to provide for every function and operation of an enterprise, including but not limited to, bond issuance and all other necessary and ordinary functions of Water and Sewer operations, which enterprise is established by Chapter 2 of the Greeley Municipal Code; and

WHEREAS, the Board has previously determined that the development of a potable water treatment plant located on the former Terry Ranch and related additional water transmission lines and associated facilities are needed for the public purpose delivery of improved potable water services for the City’s citizens, and thereby, promote growth; and

WHEREAS, accordingly, the acquisition of interests in real property in Weld County identified and depicted on Exhibit A, either through purchase or exercise of the City’s power of eminent domain, is necessary.

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

Section 1. The Board hereby determines that it is necessary for the City to acquire, either through purchase or exercise of the power of eminent domain, permanent easements and temporary construction easements for the installation, operation, maintenance, repair, replacement, and improvement of a potable water transmission lines and associated facilities, for the continued overall operation of the water works, and more specifically to increase the capacity for potable water services for the City's citizens.

Section 2. The Board hereby determines that the acquisition of permanent easements and temporary construction easements on the properties described on Exhibit A, either through purchase or exercise of the power of eminent domain, for the above-described purposes.

Section 3. City staff and legal counsel are hereby authorized and directed to continue with the acquisition of the above-described interests in real property, either through purchase or exercise of the power of eminent domain. The Board hereby ratifies any previous actions by City staff and legal counsel in negotiating the acquisition of such interests in real property, and in providing notice of the City's intent to acquire such interests, in accordance with C.R.S. § 38-1-101, *et seq.*

PASSED AND ADOPTED, SIGNED AND APPROVED THIS ____ DAY OF _____, 2021.

ATTEST

CITY OF GREELEY
WATER AND SEWER BOARD

Raymond C. Lee III
Secretary to the Board

Harold Evans
Chairman, Water and Sewer Board

PROJECT PARCEL NUMBER	ASSESSOR PARCEL NUMBER	Owner Name	Attn	OWNER ADDRESS	PROPERTY ADDRESS	Legal
3	080706100004	Alden V. Hill/ Deseran Family Revocable Trust		318 S. Grant Ave Fort Collins, CO 80521	35106 County Rd 13 Windsor, CO 80550	5-6N-67W
6	080706100032, 080706400030	Serfer Ventures LLC		4315 E. Harmony Rd Fort Collins, CO 80528	6776 County Rd 74 Windsor, CO 80550	6-6N-67W
7	080705300016, 080705300015, 080705200017	Daniel H. Varra Trustee		35412 County Rd 15 Windsor, CO 80550	Same	5-6N-67W
9, 10	080705200062, 080705200061	James A. Ochsner TRUST		35936 County Rd 15 Windsor, CO 80550	Same	5-6N-67W
13, 15	070532000044, 070532000050	3 Lazy J Ranch LLP	Doug Ochsner	7422 County Rd 74 Windsor, CO 80550	Vacant Land	32-7N-67W
19	070532000049	Kenanth L. Hauff		36648 County Rd 15 Windsor, CO 80550	Same	32-7N-67W
20	070532000048	Shawn C. Elworthy		1072 Hawk Ct Windsor, CO 80550	36758 Weld County Rd 15 Windsor, CO 80550	32-7N-67W
22, 23	070532000033, 070529000014	North Windsor Holdings LLC		6355 Fairgrounds Ave STE 300 Windsor, CO 80550	Vacant Land	32-7N-67W
28	070529200040	Larimer & Weld Irrigation Company	Kim Nelson/Aut umn Pinfold	106 Elm Ave Eaton, CO 80615	Vacant Land	29-7N-67W
29	070529200011	Gregory S. Walker		7288 County Rd 78 Windsor, CO 80550	Vacant Land	29-7N-67W
30	070529000001	Winter North Family Partnership		5207 W. 13th Street Rd Greeley, CO 80634	37727 HIGHWAY 257	29-7N-67W
32	070520000019	Marvin L. Heckman Sr.	John Heckman	38105 State Hwy 257 Fort Collins, CO 80524	7525 County Rd 78 Windsor, CO 80550	20-7N-67W
33	070521000020	Alan R. Martens		8019 County Rd 78 Fort Collins, CO 80524	Same	21-7N-67W
34, 36, 38, 40, 42	070521300002, 070521200001, 070516300002, 070516000054, 070521000004	Cactus Hill Ranch Company	Nels Nelson	P.O. Box 691 Windsor, CO 80550	Vacant Land	21-7N-67W
35	070528000019	George A. Nelson Farm Inc.		8088 County Rd 78 Fort Collins, CO 80524	Same	28-7N-67W
47	070516000016	K & M Company	Tom Moore	P.O. Box 449 Fort Collins, CO 80522	39988 County Road 19 Fort Collins, CO 80524	21-7N-67W

Exhibit A

43	070516100063	Silicon Ranch Corporation		222 2nd Ave S. STE 1900 Nashville, TN 37201	Vacant Land	16-7N-67W
46	070516100062	James K. Miller/Gina L. Hergenreder/Marilyn G. Schroeder		39943 County Rd 19 Fort Collins, CO 80524	8850 HWY 14 Fort Collins, CO 80524	16-7N-67W
39	070521200003	City of Thornton		9500 Civic Center Dr. Thornton, CO 80229	Vacant Land	21-7N-67W
49	070510300033	Hitz Financial Group LLC		1001 A East Harmony Rd Unit 410 Fort Collins, CO 80525	9151 HWY 14 Fort Collins, CO 80524	10-7N-67W
52	070510200022	Thomas E. Honn		40525 County Rd 21 Ault, CO 80610	Vacant Land	10-7N-67W
53	070510200023	Michelle King		9152 County Rd 84 Fort Collins, CO 80524	Same	10-7N-67W
54	070503300032	Leslie R. Gelvin		40719 Remington RD Fort Collins, CO 80524	41378 County Rd 19 Fort Collins, CO 80524	3-7N-67W
58	070503200031	Lind Larimer Development Inc.	Kim Dorsey	35291 County Rd 41 Eaton, CO 80615	41378 County Rd 19 Fort Collins, CO 80524	3-7N-67W
61, 64	055533401004, 055533401006	Francisco Valencia		8675 County Rd 86 Fort Collins, CO 80524	8775 County Rd 86 Fort Collins, CO 80524	33-8N-67W
64, 65	055534000009, 055534000013	Diana Frances Varra and Thomas Edward Varra		9080 County Rd 102 Nunn, CO 80648	Vacant Land	33-8N-67W
63	055533401005	Judith A. Okeefe		42251 County Rd 19 Fort Collins, Co 80524	Same	33-8N-67W
99	045327000010	David D. Vankemper		49636 County Rd 19 Nunn, CO 80648	Same	27-9N-67W
100	045327000009	Thomas E. Varra		9080 County Rd 102 Nunn, CO 80648	Same	27-9N-67W
103	045322300015	Brown Compound LLC		9081 County Rd 102 Nunn, CO 80648	Same	22-9N-67W
104	45322300017,	Suzanne Ramsay		9219 County Rd 102 Nunn, CO 80648	Same	22-9N-67W

Exhibit A

109	045315300010	William L. & Connie K. Kral Faryna Notified 10/1/21 that Connie Passed away in a car accident		P.O. Box 251 Nunn, CO 80648	50585 County Rd 21 Nunn, CO 80648	22-9N-67W
110	045322000006	Connie K. & Matthew J. Faryna Notified 10/1/21 that Connie Passed away in a car accident		50585 County Rd 21 Nunn, CO 80648	Vacant Land	22-9N-67W
112	045315300008	Daryl F. & Cynthia M. Burkhart		P.O. Box 976 Wellington, CO 80549	9309 County Rd 104 Nunn, CO 80648	15-9N-67W
117	045315200018	Willard & Emily Bink		51620 County Rd 19 Nunn, CO 80648	Same	15-9N-67W
119	045315200017	Eric M. & Shannon N. Pflueger		6801 Loudon St. Wellington, CO 80549	51726 County Rd 19 Nunn, CO 80648	15-9N-67W
120	045315200030	Chad R. Wangeline		51984 County Rd 19 Nunn, CO 80648	51980 County Rd 19 Nunn, CO 80648	15-9N-67W
123	045310300025	Rebecca & Don T. Smith		P.O. Box 172 Wellington, CO 80549	9015 County Rd 106 Nunn, CO 80648	10-9N-67W
125	045310300019	Kevin D. Smith		52350 County Rd 19 Carr, CO 80612	Same	10-9N-67W
126	45310400013	Jeffrey Scott & Constance L. Barber		52255 County Rd 21 Nunn, CO 80648	Same	10-9N-67W
127	045310400012	Clyde M. & Mary K. Brown		52485 County Rd 21 Nunn, CO 80648	Same	10-9N-67W
129	045310100011	Rouse Farms CO LP	Jerry K. Rouse	15627 County Rd 108 Nunn, CO 80648	Vacant Land	10-9N-67W
130	045303000005, 030334000006, 030334200007	Laura D. Reck		7150 State Highway 392 Windsor, CO 80550	Vacant Land	3-9N-67W
132	030334300001	Cindy Sharpe		6605 Kremers Lane Laporte, CO 80535	Vacant Land	34-10N-67W
133	030334000006	Sonja Kay Hutchinson		475 Buckeye Ave Eaton, CO 80615	Vacant Land	34-10N-67W
137	030333000002	M. J. Diehl & Sons, Inc	Rodney A. Diehl	14768 NE Frontage Rd Carr, CO 80612	Vacant Land	33-10N-67W

Exhibit A

138	030328000001	State of Colorado		1127 N. Sherman St. STE 300 Denver, CO 80203	Vacant Land	28-10N-67W
139	030304000002, 030303200013	Ricky Gallegos		8829 N. County Rd 9 Wellington, CO 80549	Vacant Land	27-10N-67W
141	030321000003	Thomas Marjorie J. Family Trust & Thomas Lloyd E. Family Trust		7900 County Rd 120 Carr, CO 80612	Vacant Land	21-10N-67W
142	030316000001, 030309000005, 020128100008	Thomas Ranch LLC		7900 County Rd 120 Carr, CO 80612	Vacant Land	16-10N-67W
146	030309100004	Larry E. Thomas		7900 County Rd 120 Carr, CO 80612	Vacant Land	9-10N-67W
149		Kevin Sullivan		P.O. Box 1288 Longmont, CO 80502	Vacant Land	33-11N-67W
152	020133100003	Adiba & Ali Akbary		2732 Denver Dr. Fort Collins, CO 80525	Vacant Land	33-11N-67W
153	020128000002	RCR Homestead LLC	Patricia E. Staples	19706 E. Girard Dr. Aurora, CO 80013	Vacant Land	28-11N-67W
90	045334300002	Barnes James Loren Dynasty Trust	Paul Kenny	19 Old Town Sq STE 238 Fort Collins, CO 80524	Vacant Land	34-9N-67W
88	045334200019	James L. Barnes		2862 Deming Blvd Cheyenne, WY 82001	Vacant Land	4-8N-67W
87	055503000006	Rocky Mountain Energy CO	Joe Evers	P.O. Box 173779 Denver, CO 80217	Vacant Land	3-8N-67W
73	055527000017, 055522000006, 055515000006	Spabs LLC	Alan Klein	4100 E Mississippi Ave STE 500 Glendale, CO	Vacant Land	28-8N-67W
84	055510300006	Troy & Shana Hess		6331 W. 13th St. Rd Greeley, CO 80634	46250 County Rd 19 Ca	10-8N-67W
86	055510200007	Shawn Thomas Howes		9250 County Rd 96 Nunn, CO 80648	Vacant Land	10-8N-67W
		Laramie-Poudre Irrigation Company				27-8N-67W
	045322300016	Shaylee & Tannar Long		9261 County Road 102 Nunn, CO 80648	Same	22-9N-67W
	045322300011	Gregory Phillips & S Michelle Pearson		9353 County Road 102 Nunn, CO 80648	Same	22-9N-67W

	020121000002	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170	8821 County Road 126 Carr Co	
	080331101004	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005120400004	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	051204000010	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005121100005	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005122300002	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005123100001	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005125100004	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005127100005	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005129100005	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005134400003	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	005135100002	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	020101000005	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
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	020103000004	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	002104400005	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
	002105000008	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
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	020109000002	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		
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	020123000002	Terry Grazing Assn		PO BOX 3170 CHEYENNE, WY 820033170		

THE CITY OF GREELEY, COLORADO
ORDINANCE NO. ____, 2022

**AN ORDINANCE AUTHORIZING THE CITY OF GREELEY TO ACQUIRE
INTERESTS IN REAL PROPERTY LOCATED IN WELD AND LARIMER COUNTIES,
COLORADO RELATED TO THE DEVELOPMENT OF THE TERRY RANCH
POTABLE WATER TREATMENT PLANT AND ADDITIONAL WATER
TRANSMISSION LINES AND ASSOCIATED FACILITIES BY PURCHASE OR
EXERCISE OF THE POWER OF EMINENT DOMAIN, PURSUANT TO SECTION 7
OF ARTICLE XVI, SECTION 15 OF ARTICLE II, AND SECTIONS 1 AND 6 OF
ARTICLE XX OF THE COLORADO CONSTITUTION AND CRS §§ 31-15-101, *et seq.*;
38-1-101, *et seq.*
(TERRY RANCH WATER SUPPLY PROJECT)**

WHEREAS, the City of Greeley (“City”) is a Colorado home-rule municipality empowered, pursuant to Article II, Section 15, and Article XX, Sections 1 and 6 of the Colorado Constitution, as affirmed by the City’s Charter, Sections 1-3, to exercise the power of eminent domain to acquire real property to construct, operate, and maintain transportation systems and other public works and everything required to do so, with the payment of just compensation; and,

WHEREAS, C.R.S. §§ 31-15-101, *et seq.*, and 38-1-101, *et seq.*, provide statutory authority and procedures for the exercise of the power of eminent domain by the City; and

WHEREAS, the City has determined that the development of a potable water treatment plant located on the former Terry Ranch and related additional water transmission lines and associated facilities are needed for the public purpose of delivery of improved potable water services for the City’s citizens, and thereby, promote growth; and

WHEREAS, accordingly, the acquisition of interests in real property in Weld and Larimer Counties identified and depicted on Exhibit A, attached hereto and incorporated herein, either through purchase or exercise of the City’s power of eminent domain, is necessary.

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREELEY, COLORADO:

Section 1. The City Council hereby finds and determines that it is in the interest of the health, safety, and welfare of the public, serves a public purpose, and is necessary to acquire the real property identified and depicted on Exhibit A.

Section 2. Should City staff be unsuccessful in negotiating a mutual agreement for the purchase of the property, the City Council hereby directs City staff to begin acquisition by eminent domain, including, but not limited to, obtaining immediate possession of the Property, pursuant to the above-named statutes.

Section 3. The City Council hereby ratifies any previous actions by City staff in providing notice of the City’s intent to acquire the property and extending an offer to purchase the

property. Nothing contained in this ordinance shall be construed as precluding or preventing continued good faith negotiations by City staff in an effort to purchase the property.

Section 4. This ordinance shall take effect five (5) days after its final publication as provided by the City's Charter, Section 3-16.

PASSED AND ADOPTED, SIGNED AND APPROVED this _____ day of _____, 2022.

ATTEST:

THE CITY OF GREELEY, COLORADO

City Clerk

Mayor

Attachment: Exhibit A – Property Ownership Map

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE X NO ENCLOSURE

ITEM NUMBER: 11

TITLE: LEGAL REPORT

RECOMMENDATION: INFORMATION ONLY

ADDITIONAL INFORMATION:

- I. Statements of Opposition:** Based on a review of the October, 2021 Water Court Resume, staff and water counsel recommend that the Board file statements of opposition in the following cases:
- a. Case Number: **21CW3185:** Application of the Town of Castle Rock for a conditional storage water right in Prewitt Reservoir and Freemont Butte Reservoir. These are the same structures claimed in Parker’s application in Case No. 19CW3253, in which Greeley is a party. The project includes significant new claims for diversions from the South Platte River downstream of the confluence with the Cache la Poudre River into Prewitt Reservoir. The project could impact South Platte River administration, including on the Cache la Poudre River. We recommend filing a statement of opposition because this case will be significantly intertwined with Parker’s Case No. 19CW3253, and to stay fully informed regarding this large project and its potential effects on other water users.
 - b. Case Number: **21CW3199:** Application of North Weld County Water District (“North Weld”) for change of water rights, alternate points of diversion, alternate places of storage and exchange. This is an application by North Weld to change the use of five shares of the Water Supply and Storage Company (“WSSC”). We recommend filing a statement of opposition to protect Greeley’s water rights from injury and to ensure that any terms and conditions are acceptable in light of Greeley’s portfolio of WSSC shares.
- II. Proposed Motion Language:** “I move that the Board authorize the filing of statements of opposition in Case Nos. 21CW3185 and 21CW3199 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.”

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE _____

NO ENCLOSURE X

ITEM NUMBER: 12

TITLE: EXECUTIVE SESSION

RECOMMENDATION: EXECUTIVE SESSION

ADDITIONAL INFORMATION:

WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE X NO ENCLOSURE

ITEM NUMBER: 13

TITLE: DIRECTOR'S REPORT

RECOMMENDATION: INFORMATION ONLY

ADDITIONAL INFORMATION:

- Windy Gap Firming Construction Update and Site Tour Opportunity
- Low income water utility assistance program (LIHEAP) grant



PROJECT UPDATE REPORT

To: WGFP Participants
From: Joe Donnelly
Date: November 24, 2021
Subject: Chimney Hollow Reservoir Project Monthly Status

MAJOR CONTRACT ACTIVITY

Chimney Hollow Reservoir Project				
Participant Meeting	November 30, 2021			
	Stantec	B&V	Barnard	Total
Contract Summary				
Original Contract Value	\$11,892,189	\$29,952,493	\$485,365,000	\$527,209,682
Sum of Change Orders	\$27,949,796	\$1,800,595	\$22,824,497	\$52,574,887
Current Contract Value	\$39,841,985	\$31,753,088	\$508,189,496.56	\$579,784,569
Earning and Expenditures				
Previous Year(s) Expenditures	\$20,432,187	\$2,607,685	\$3,621,100	\$26,660,972
Current Years Expenditures	\$949,454	\$1,495,808	\$27,159,790	\$29,605,052
Total Retention Held	\$0	\$0	\$1,620,047	\$1,452,683
Sum Earned	\$21,381,641	\$4,103,493	\$32,400,937	\$57,886,071
Percent Spent	53.67%	12.92%	6.38%	9.98%
Remaining Budget	\$18,460,344	\$27,649,595	\$475,788,560	\$521,898,499
Monthly Expenditures*				
Jan-21	\$29,954	\$76,866	\$114,159	\$220,978
Feb-21	\$42,886	\$120,978	\$114,459	\$278,323
Mar-21	\$38,412	\$74,010	\$114,158	\$226,580
Apr-21	\$59,308	\$64,679	\$114,158	\$238,145
May-21	\$82,714	\$78,112	\$64,444	\$225,270
Jun-21	\$56,915	\$70,341	\$64,444	\$191,701
Jul-21	\$89,235	\$86,845	\$64,444	\$240,525
Aug-21	\$109,201	\$143,783	\$6,728,711	\$6,981,695
Sep-21	\$216,291	\$357,759	\$11,610,463	\$12,184,513
Oct-21	\$224,538	\$422,436	\$8,170,349	\$8,817,323
Nov-21				
Dec-21				
*Expenditures, excluding retention.				

ACCEPTED CHANGE ORDERS (CURRENT MONTH)

- None.

PREVIOUS MONTH ACTIVITY

- Construction Permitting

- Larimer County Building Permits (Barnard's responsibility): Working through the permitting process. Permits for offices received. Barnard continues to work on permits for Conex storage units and tents.
- Design and analysis
 - Submitted proposed I&C modifications to address over-pressure concerns in CLPC to Reclamation. Reclamation agreed with our engineer's assessment. Stantec is now updating the Piping & Instrumentation Diagrams and control narratives.
 - Several small design modifications underway (spillway valve engineering, saddle dam access road modifications)
 - Larimer County would like to explore using our construction contract to help build out the future recreation area. We are requested a quote from Barnard for this work and working with our attorneys to develop an MOU to cover the flow-through cost. This MOU is in development by legal.
- Construction Update
 - Continue to work on submittals and RFIs.
 - Member of the Project Review Board (PRB) and State Engineer's Office (SEO) provided inspections of main dam foundation on November 17th and 22nd. This was done to make sure Contractor on-track to get first foundation acceptance for plinth construction on December 14th.
 - Onsite laboratory not expected until June 2022, after embankment work scheduled to start. Barnard has requested list of necessary equipment so that they can provide a temporary lab to meet testing requirements.
 - Construction work completed for the month:
 - Mobilization continues. Per Contract, approximately 60% of mobilization payments allowed through October.
 - **Cofferdam** construction continues. Embankment work continues.
 - Work on **Saddle Dam Access Road** continues.
 - Work on **Main Dam** continues. Blasting in core trench continues with blasts occurring approximately 2 or 3 times per week. Foundation cleaning and mapping is being completed so that test grout can be initiated Nov 29. First dental concrete placement in core trench.
 - **Downstream Tunnel Portal** continues. Soil nail wall completed in November. First rock excavation in portal initiated.
 - **Quarry** development continues. Overburden removal continues. Pioneering blasts approximately 2 or 3 times per week.
 - **ConSpan Bridge** work initiated. Abutment foundations completed.
 - **Onsite office** utilities complete. Barnard received provisional occupancy on Nov 18. Occupancy for Owner's offices projected on Dec 1. Onsite concrete plant setup continues and should be operational in November. Guard shack installation last week in November.
 - November Pay Application has not been submitted to-date.

SHORT-TERM LOOK AHEAD WORK

- Short-term look ahead construction activities for month of October:

- Continue equipment delivery and staffing. Occupancy for Owner's onsite office. Commission onsite concrete batch plant.
- Saddle Dam Access Road Construction continues.
- Main Dam Foundation Excavation continues. Common excavation continues. Blasting (rock excavation) in core trench continues. Foundation treatments (dental concrete, leveling concrete, etc.).
- Begin test grouting for grout curtain in main dam foundation.
- Placement of concrete plinth initiated.
- Cofferdam construction continues placing embankment core and shell. Construction siphon spillway and overflow spillway. Complete cofferdam by end of the year.
- Downstream portal development continues. Work includes rock excavation / rock anchor bolting.
- Quarry development work continues. Development of the L4 laydown area for crusher assembly, a critical path item, continues.
- Spillway foundation excavation in Main Dam footprint will begin in December.

Chimney Hollow Reservoir Project

USES AND SOURCES OF FUNDS

August 1, 2021

Uses of Funds	Amount
Construction	
Barnard Contract (Original)	\$485,365,000
Barnard Contract Change Orders (May 2021 Start)	\$6,179,796
Barnard Contract Change Orders (Aug 2021 Start)	\$18,000,000
Construction Total	\$509,544,796
Owner's Cost	
Property and Easements	\$6,785,755
Planning & Permitting	\$13,467,099
Mitigation & Enhancements (Incl. \$15 M Settlement)	\$43,167,670
Design	\$22,556,890
Relocation of Transmission Line	\$4,993,035
Engineering Services During Construction	\$19,987,413
Construction Management	\$31,603,695
Owner's Cost for Construction	\$14,511,634
Owner's Cost Total	\$157,073,191
Subtotal	\$666,617,987
Owner's Contingency	\$25,634,937
Total Uses (Project Cost)	\$692,252,924

Sources of Funds	
Pre CY2021 Contributions	\$75,053,524
CY2021 Contribution	\$7,000,200
WGFP Capital C&E Funding (Cash + Pooled Financing)	\$592,999,200
Settlement Assessments (Future)	\$15,000,000
District Bypass Cost Share (Future)	\$2,000,000
District Fiber Cost Share (Future)	\$200,000
Total Sources	\$692,252,924

LOOKING FORWARD (CONSTRUCTION) BUDGET

Task	Budget (millions)
Construction (Barnard)	\$505.2
Construction Management (B&V)	\$28.8
Eng. During Const. (Stantec)	\$18.5
Env. Mitigation & Enhancements	\$17.2
Owner's Cost	\$11.4
Total	\$581.1

**Chimney Hollow
Reservoir Project**

FORECASTED ASSESSMENTS DURING CONSTRUCTION

August 1, 2021

All Allottees	FY22 (1,000s)	FY23 (1,000s)	FY24 (1,000s)	FY 25 (1,000s)
Settlement (\$15 M Total)	\$5,000	\$5,000		\$5,000
O&M Reserve (2x O&M Budget, funded before operation)			\$2,000	\$2,000
Total \$/Unit on All 90,000 Units	\$55.56	\$55.56	\$22.23	\$77.78
Loan Allottees ¹				
Liquidity Fund (30% MADS, funded within 2 payments)	\$2,650	\$2,650		
Bond Interest During Construction	\$5,470	\$8,340	\$8,380	\$9,520
Total \$/Unit on 44,500 Loan Units	\$182.48	\$246.97	\$188.32	\$213.94

	WGFP Units	FY22 (1,000s)	FY23 (1,000s)	FY24 (1,000s)	FY 25 (1,000s)
Cash Allottees					
Broomfield	26,464	\$1,471	\$1,471	\$589	\$2,059
Loveland	10,000	\$556	\$556	\$223	\$778
Longmont	7,500	\$417	\$417	\$167	\$584
Fort Lupton	1,190	\$67	\$67	\$27	\$93
CWCWD	346	\$20	\$20	\$8	\$27
Subtotal	45,500	\$2,531	\$2,531	\$1,014	\$3,541
Loan Allottees ¹					
PRPA	16,000	\$3,809	\$4,841	\$3,369	\$4,668
Greeley	9,189	\$2,188	\$2,780	\$1,935	\$2,681
Erie	6,000	\$1,429	\$1,816	\$1,264	\$1,751
LTWD	4,850	\$1,155	\$1,468	\$1,022	\$1,415
Superior	4,726	\$1,125	\$1,430	\$995	\$1,379
Louisville	2,835	\$675	\$858	\$597	\$827
Lafayette	900	\$215	\$273	\$190	\$263
Subtotal	44,500	\$10,596	\$13,466	\$9,372	\$12,984
Total	90,000	\$13,127	\$15,997	\$10,386	\$16,525

¹ Values for Loan Allottees do not yet differentiate between 20-yr vs 30-yr participants



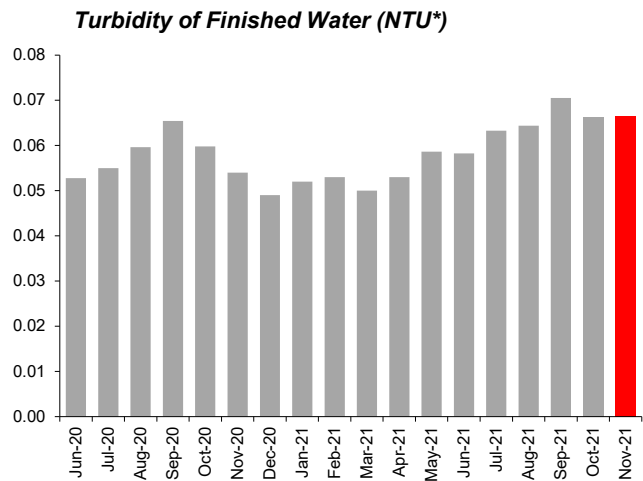
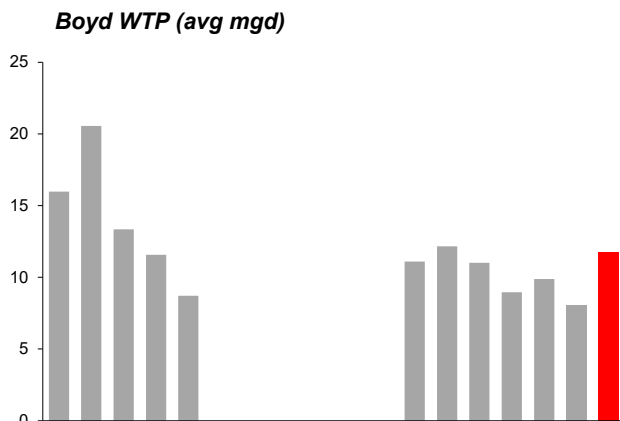
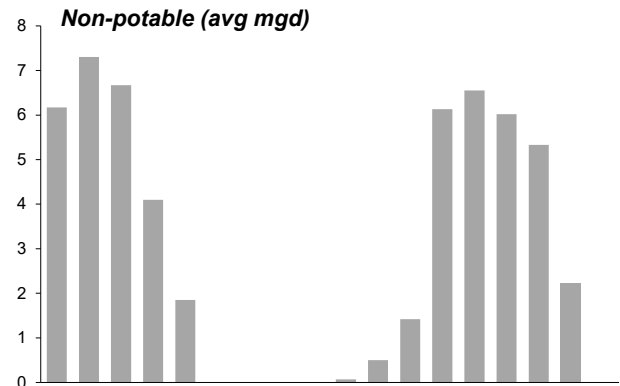
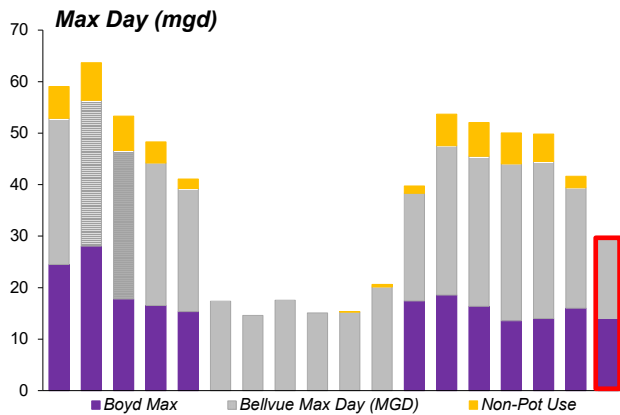


Water Treatment

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

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

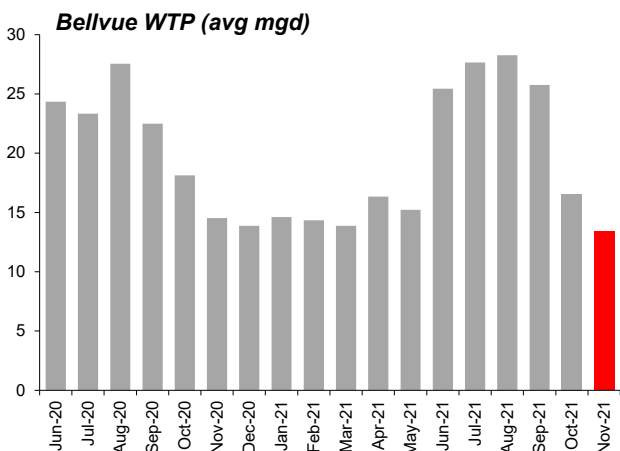
Combined, Bellvue and Boyd can treat a maximum of 70-73 million gallons per day.



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

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

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

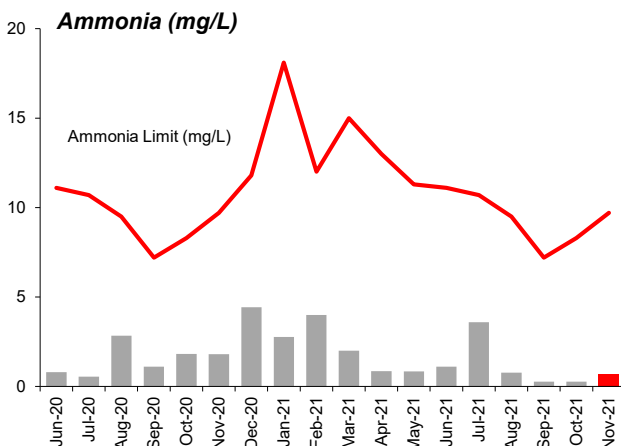
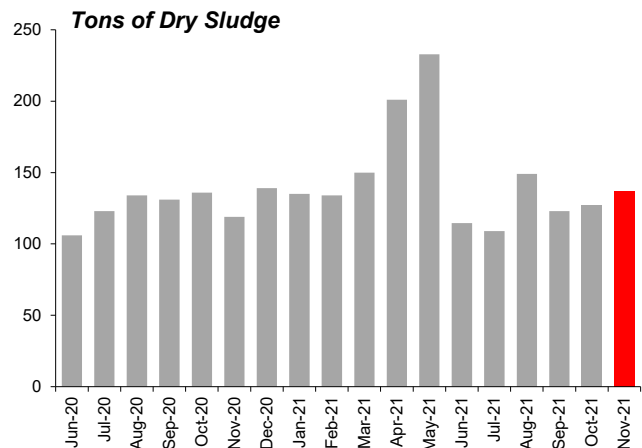
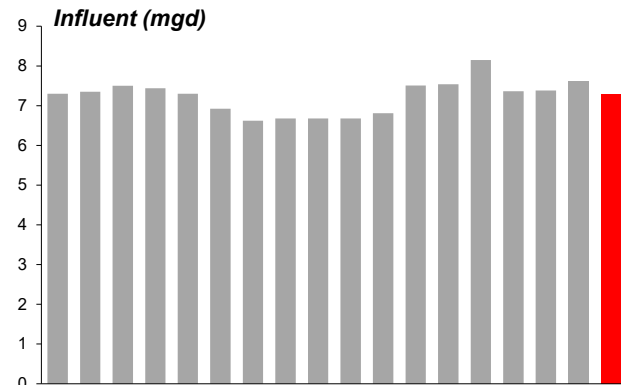
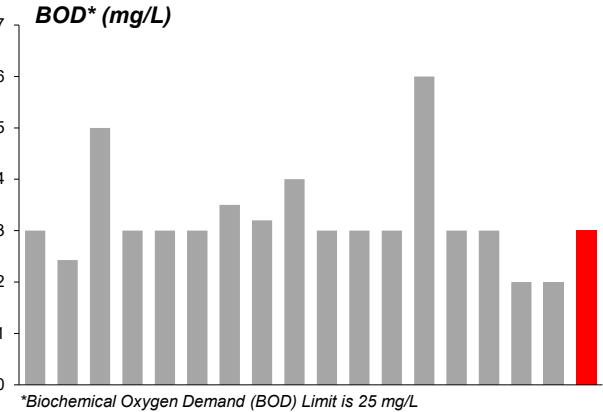
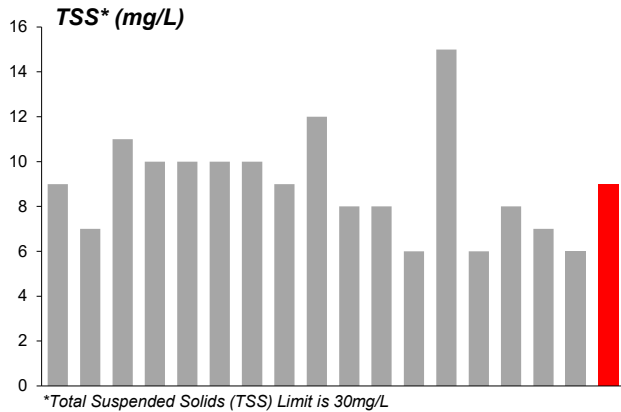


Wastewater Treatment

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

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

Note: the red column indicates the current month.



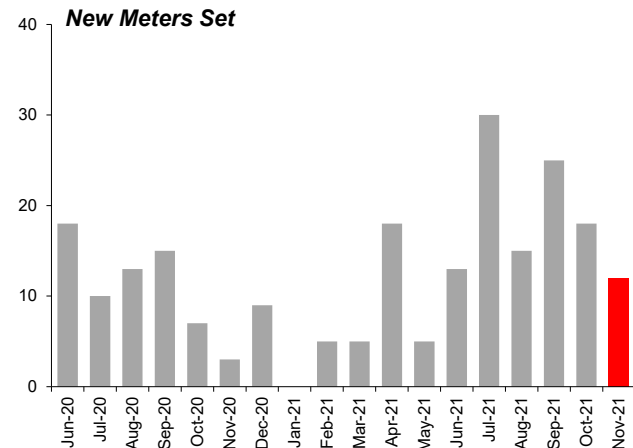
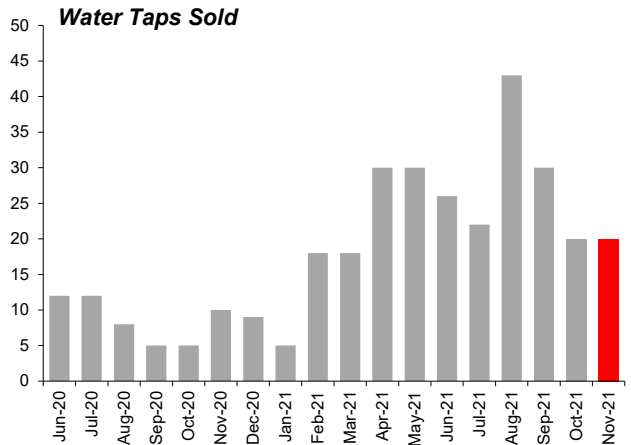
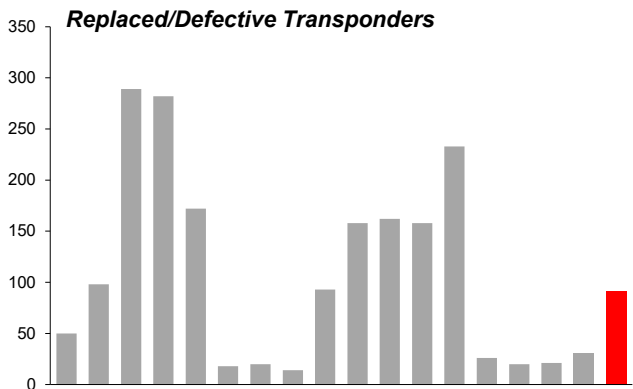
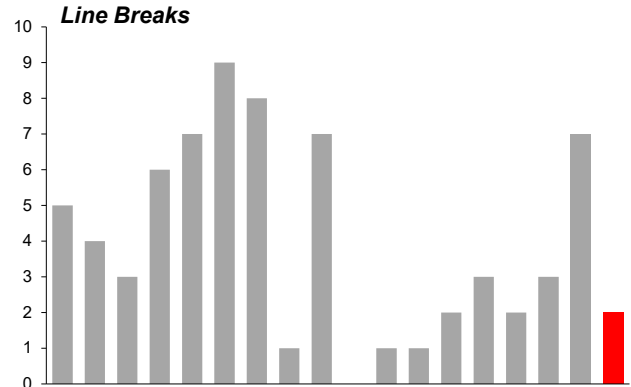
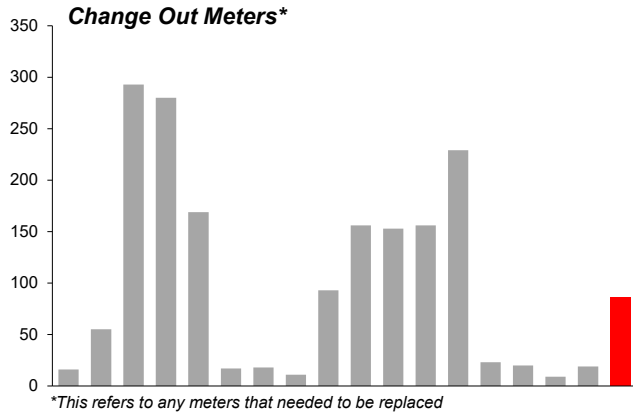
Water Distribution

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

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

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

Note: the red column indicates the current month.



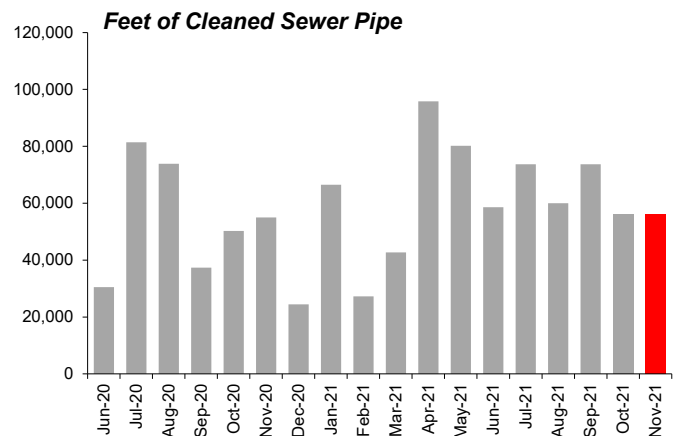
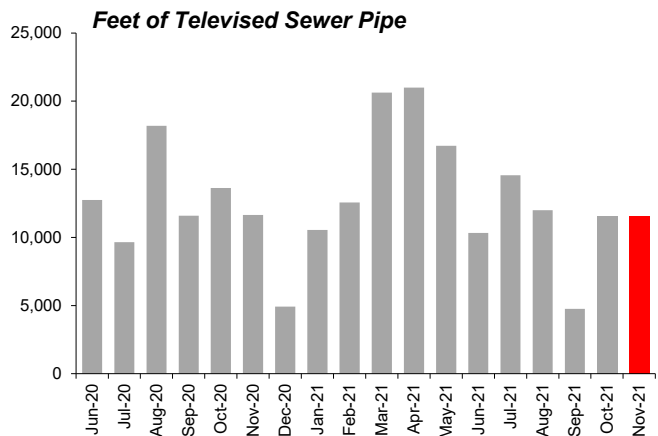
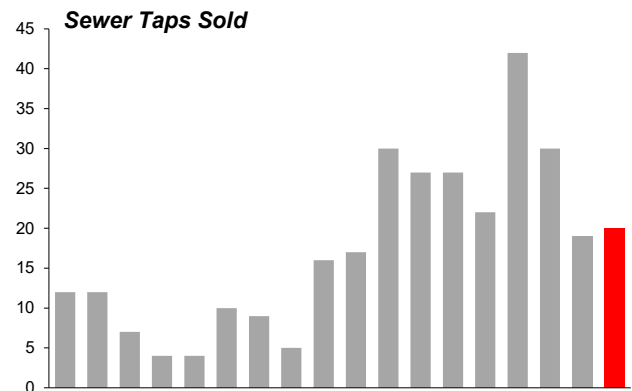
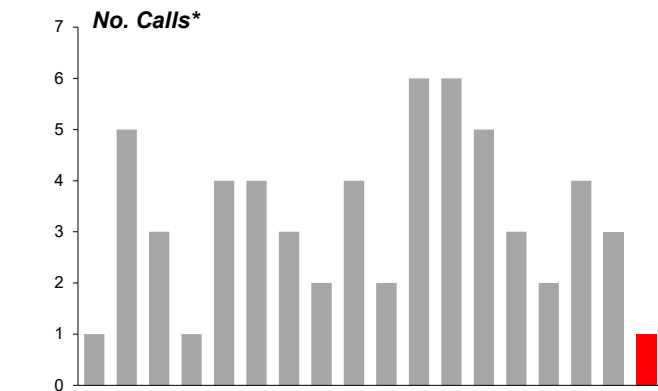
Wastewater Collection

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

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

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

Note: the red column indicates the current month.

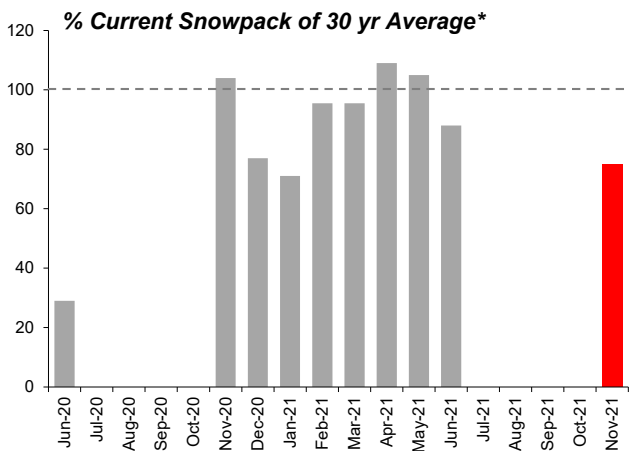
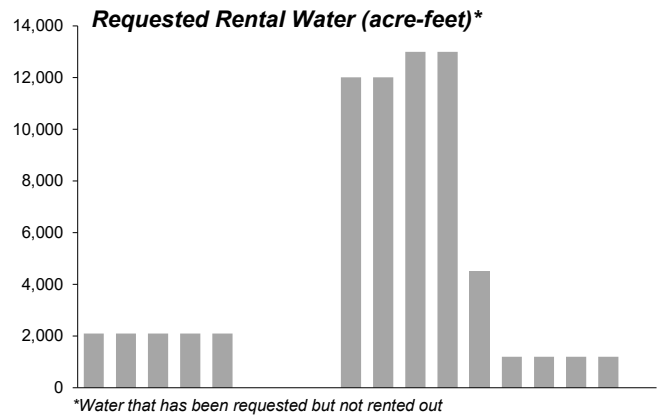
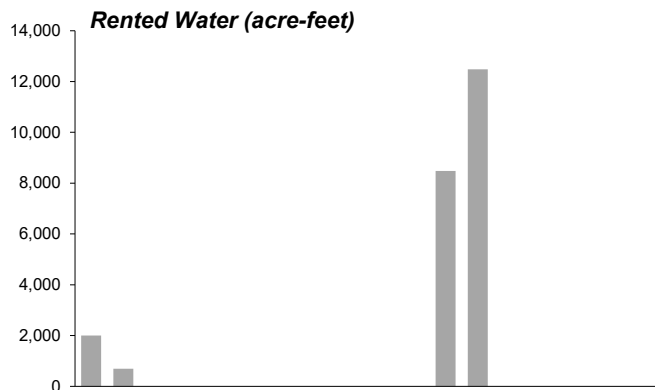
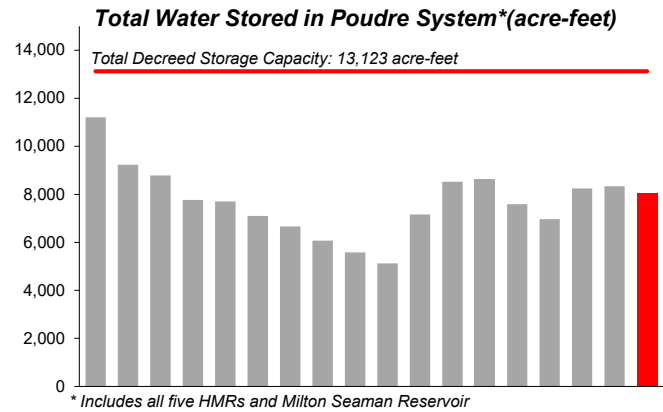
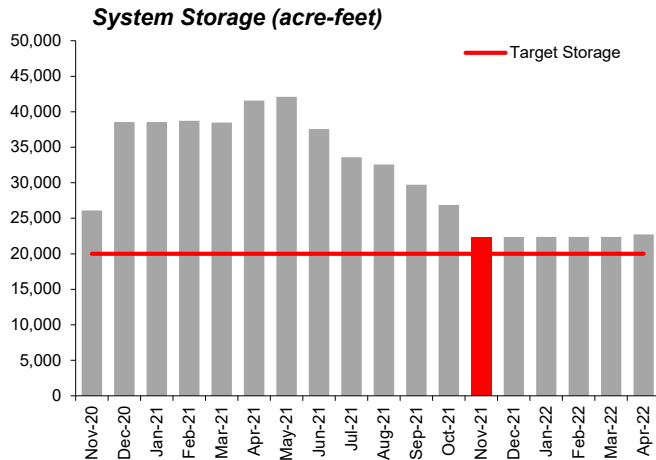


Water Resources

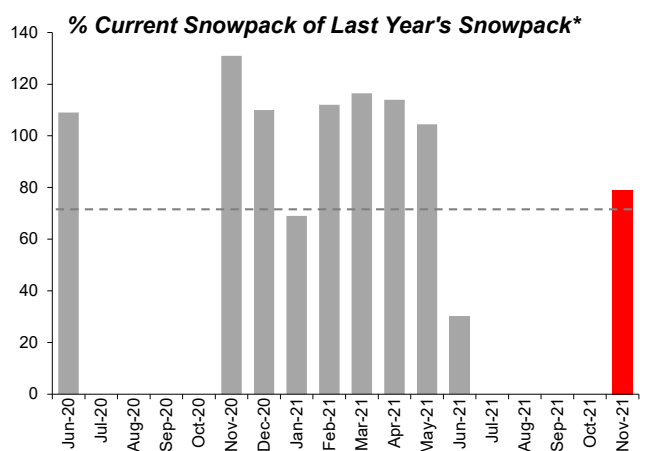
Greeley has numerous water rights in four river basins; the Upper Colorado River, Cache La Poudre, Big Thompson and Laramie River. The Water Resource staff must account for all of this water and comply with the rules of the Colorado Water Court and the State Engineer's Office which is in charge of allocating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

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

Note: the red column indicates the current month.



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

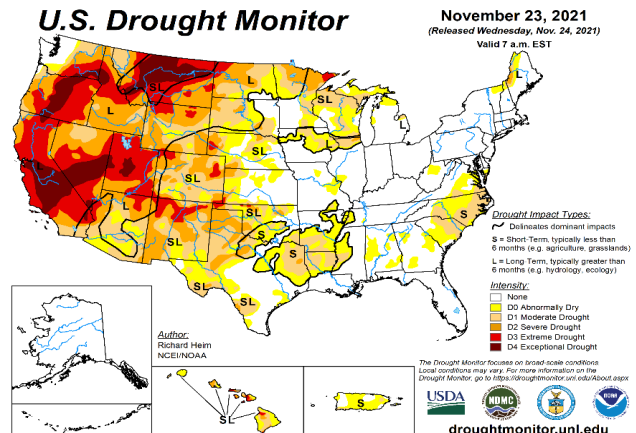
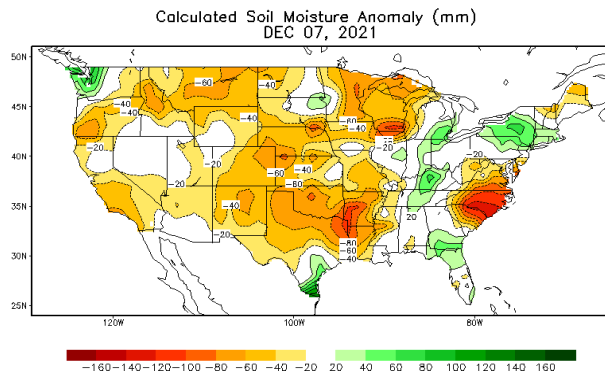
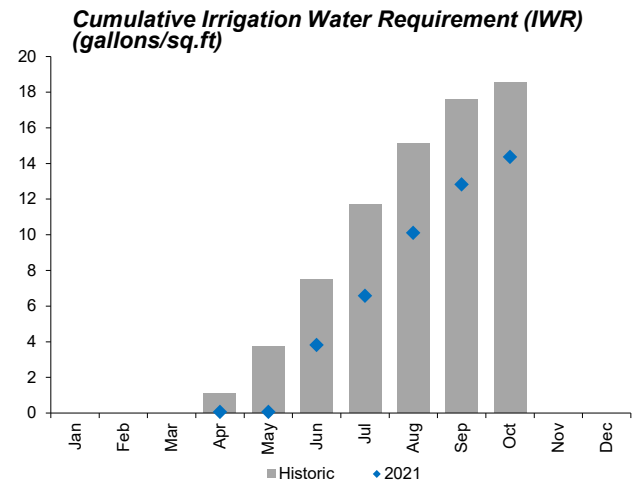
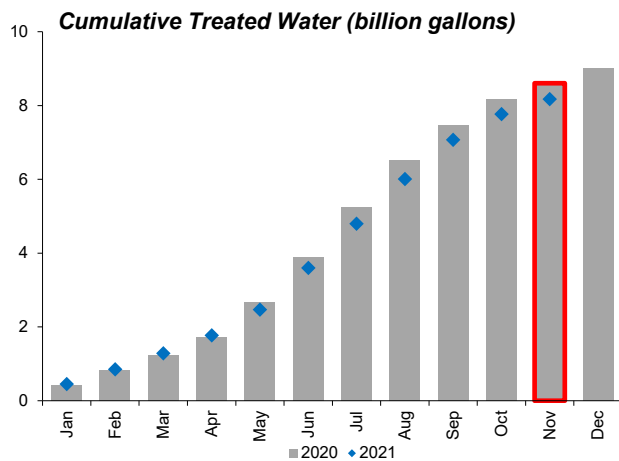
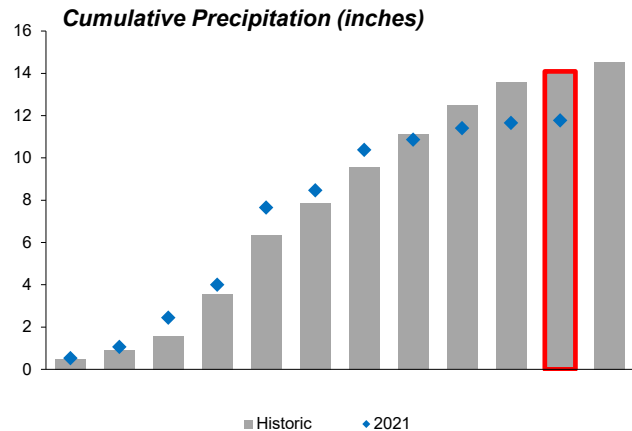
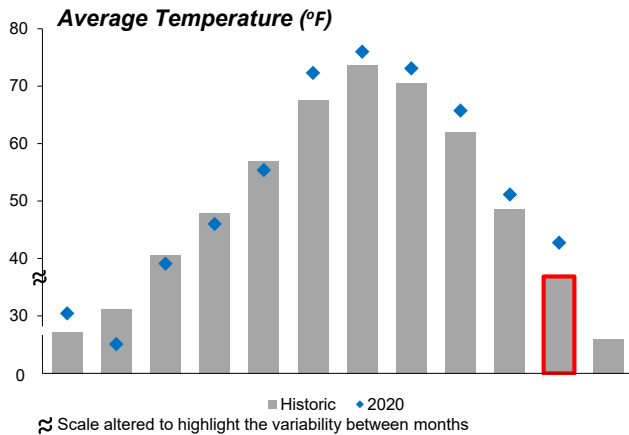


*Data is from the 1st of the month
**Average of Deadman Hill and Joe Wright

Treated Water and Weather Data

January 2021 average temperature was 30.45°F, approximately 3.3°F warmer than average. February average temperature was 25°F which was 6°F colder than average. March and April temperatures were also below average. March 2021 averaged 39.11°F compared to 40.66°F historically and April 2021 averaged 46.03°F compared to 47.86°F. May was also cooler than the historical average, 55.38°F compared to 56.97°F historically. June 2021 temperatures were above average. July temperatures were also above average, 76.01°F compared to 73.67°F. August temperatures were above average. September's average temperature was also above average, 65.22°F compared to 62.08°F. October continued the trend of above average temperatures.

Greeley precipitation was 0.53 inches in January, which is slightly above average (0.43 inches). February precipitation was also 0.53 inches compared to 0.42 inches, the historical average. March 2021 precipitation was 1.39 inches compared to 0.66 inches historically. April precipitation was 1.56 inches compared to 1.99 inches historically. May precipitation was much above average. Greeley received 3.64 inches of rain in May compared to 2.78 inches historically. June precipitation was 0.82 inches which keeps Greeley above average for the year. July precipitation was above average, 1.91 inches compared to 1.52 inches. This was mostly because of the large rain events that dropped 1 inch in one hour. August precipitation was below average, Greeley only received 0.49 inches which puts us just below average to date. September precipitation was only 0.55 inches, which is below average. October precipitation totaled .24 inches, also below average.



WATER & SEWER BOARD AGENDA DECEMBER 15, 2021

ENCLOSURE _____ NO ENCLOSURE X

ITEM NUMBER: 14

TITLE: SUCH OTHER BUSINESS THAT MAY BE
 BROUGHT BEFORE THE BOARD AND
 ADDED TO THIS AGENDA BY MOTION OF
 THE BOARD

RECOMMENDATION: TO BE DETERMINED

ADDITIONAL INFORMATION: