

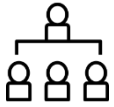
Water and Sewer Board

Regular Meeting

City Council Chambers – City Center South

1001 11th Avenue – Greeley, Colorado

July 18, 2024 at 2:00 p.m.



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



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



Written comments may be submitted by US mail or dropped off at the

Water and Sewer office located at 1001 11th Avenue, 2nd Floor, Greeley,



CO 80631 or emailed to wsadmin@greeleygov.com. All written

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

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

IMPORTANT – PLEASE NOTE

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

In the event it becomes necessary for a meeting to be held virtually, use the link below to join the meeting via Zoom. <https://greeleygov.zoom.us/j/84218093588>

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



July 18, 2024 at 2:00 PM
1001 11th Avenue, City Center South, Greeley, CO 80631

Agenda

1. Roll Call: _____ Chairman Harold Evans _____ Vice Chairman Mick Todd
 _____ Ms. Cheri Witt-Brown _____ Mr. Fred Otis
 _____ Mr. Joe Murphy _____ Mr. Tony Miller
 _____ Mr. Matt Anderson _____ Mayor John Gates
 _____ Mr. Raymond Lee _____ Ms. Tyra Litzau
2. Approval of Minutes
3. Approval of the Agenda
4. Welcome New Employees and Promotions
5. City of Greeley 2024 Ballot Initiatives
6. Approve a Resolution Authorizing and Approving a Loan from the Colorado Water Resources and Power Development Authority for the Lead Service Line Replacement Program
7. Approve and Recommend to the City Manager the Water and Sewer 2025 Operating and Capital Budget
8. Update on SCADA Master Plan
9. Legal Report
10. Executive Session
 - a. Water Supply and Storage Co. Share Acquisition
 - b. NoCO Water Market Update
11. Approve Walker Water Rights Acquisition
12. Director's Report
13. Such Other Business That May Be Brought Before the Board Added to This Agenda by Motion of the Board.
14. Adjournment



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

**City of Greeley
Water and Sewer Board
Minutes of June 26, 2024, 2024
Regular Board Meeting**

Chairman Harold Evans called the Water and Sewer Board meeting to order at 2:05 p.m. on Wednesday, June 26, 2024.

1. Roll Call

The Clerk called the roll and those present included:

Board Members:

Chairman Harold Evans, Vice Chairman Mick Todd, Tony Miller, Matt Anderson, Joseph Murphy, Cheri Witt-Brown, Fred Otis, Finance Director Tyra Litzau

Water and Sewer Department staff:

Director Sean Chambers, Deputy Director of Utility Finance and Customer Service Erik Dial, Chief Engineer Adam Prior, Deputy Director of W&S Operations and Maintenance Rebecca Andrus, Interim Director of Water Resources Randy Gustafson, Office Manager Gigi Allen, Administrative Assistant III Lisa Van Vorous, Utility Finance Manager Virgil Pierce, Water Resource Operations Manager Leah Hubbard, Civil Engineer II Keri Fishlock, Water Enterprise Financial Analyst Crystal Sanchez, Water Resource Administrator II Alex Tennant, Civil Engineer IV Jim Paulson, Water Resources Administrator II Sam Harshbarger, Water Quality Regulatory Compliance Manager Michaela Jackson, Legal Intern II Lama Baddah, Cross Connection Supervisor Tia Miller

Legal Counsel:

Supervising Senior Environmental and Water Resources Attorney Jerrae Swanson, Senior Environmental and Water Resources Attorney Dan Biwer, Environmental and Water Resources Attorney I Arthur Sayre

Guests:

James Sutherland from Wingfoot, Emeritus Robert Ruyle, Manuel Sisneros

2. Approval of Minutes

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

3. Approval of Agenda

There were no changes to the Agenda

4. Welcome New Employees and Promotions

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

Chairman Evans also introduced Water and Sewer's new Board member Matt Anderson.

5. Approve Resolution of Appreciation for Board member Sisneros

Director Sean Chambers presented a Resolution of Appreciation with the retirement of Water & Sewer Board member Mr. Manual (Manny) Sisneros. The City recognized Board Member Sisneros for his exemplary service and dedication to the business of the City's water and sewer utilities.

Board member Sisneros served the city in the capacity of Water & Sewer Board member since June of 2014. Over 10 years of service, Mr. Sisneros was an essential voice in the Board's deliberations on utility policy decisions, long-range planning, water storage and acquisitions and prioritization of system rehabilitation and expansion.

Mr. Sisneros' service is greatly appreciated and recognized.

All the Board members personally thanked Mr. Sisneros for his service to the Water and Sewer Board during his 10 years.

Mr. Otis moved that the Board adopt the Resolution of Appreciation to Board member Sisneros for his years of service to the Water and Sewer Department, Water and Sewer Board, and the citizens of the City of Greeley. Mr. Miller seconded the motion. The motion carried 7-0.

6. Approve a Resolution Authorizing and Approving a Loan from the Colorado Water Resources and Power Development Authority for the Lead Service Line Replacement Program.

Virgil Pierce discussed the CWRPDA has authorized a \$21M loan from the Colorado Drinking Water Revolving Fund for the city's Lead Service Line Identification and Replacement efforts. The CDWRPDA provides public drinking water systems in Colorado with low interest loans from federal and state funds for drinking water infrastructure. The CWRPDA approval includes \$10M in principal forgiveness for the loan. The loan forgiveness is available based upon the use of funds and addressing lead service lines.

Vice Chairman Todd moved that the Board approve the Resolution authorizing a loan from the Colorado Water Resources and Power Development Authority for the Lead Service Line Replacement Program. Mr. Miller seconded the motion. The motion carries 7-0.

7. Recommend Council Approve an Ordinance Prohibiting Lead Pipes

Keri Fisher was presented that the Environmental Protection Agency's (EPA) Lead and Copper Rule Revisions (LCRR) require the city to develop an inventory of all public and private water service line materials and remove lead service lines. Department staff and the City Attorney's Office have prepared a new ordinance to help achieve the City's goal to replace all the lead service lines in the City. Consistent with the proposed ordinance, staff prepared a policy that describes the city's lead pipe service line replacement program and the financial assistance available to the City's residents and private water systems.

Mr. Miller moved that the Board recommend City Council adopt an ordinance prohibiting lead water service lines. Vice Chairman Todd seconded the motion. The motion carried 7-0.

8. Discussion of Backflow Tier 2 Reporting Violation

Rebecca Andrus discussed that the Water and Sewer staff submitted the annual Backflow Prevention and Cross-Connection Control Program (BPCCC) report to CDPHE, and therein self reporting record keeping and testing violations. The self reported violations have since caused CDPHE to issue 2 tier II violations. Water and Sewer staff are responding to the violations and enhancing the BPCCC program to prevent future violations.

It was also briefly discussed that the State of Colorado has passed a new law requiring all backflow tests be done by Master Plumbers with their backflow certifications. If needed, an update about this new requirement will be brought before the Board at a future meeting.

9. Water Supply Runoff Update

Alex Tennant went over that runoff has peaked in the South Platte River basins. So far, the expected flows are at or slightly below average for total runoff. However, due to above average reservoir storage leading into last fall and winter, most of the Northern Colorado reservoirs entered irrigation season at full capacity. As we move through the summer, warm temperatures and variable projections for precipitation indicate abnormally dry to drought conditions could set in to Colorado. Staff is projecting that despite the variability, Greeley's system storage will remain strong and above the action level of 21,300 acre-feet outlined in the Drought Response Plan.

Crystal Sanchez left the meeting at 3:17 pm

10. Terry Ranch Update

Jim Paulson discussed the City of Greeley Water and Sewer Department is currently working on development of the Terry Ranch Water Supply Project. Five phases are expected as follows:

1. State Land Board Wells
2. Pipeline Construction
3. Well Field Development (TBD)
4. Collection/Distribution Pipeline Network (TBD)
5. Treatment Plant Design and Construction (TBD)

The first phase involves drilling test production wells on State Land Board parcels to affirm the viability of supply from those parcels.

The second phase involves the design and construction of the Terry Ranch Water Supply Pipeline. Pipeline design and construction is further divided into five segments A through F. The first segment is approximately seven miles starting at the southern connection to the existing Bellvue sixty-inch water transmission pipeline located south of Harmony Road in Windsor . The first section will travel northeast and end approximately ½ mile north of Hwy 14 and Weld County Road 19.

The first section is currently broken into three work packages, A, B, and C. Construction began in May 2023 and is nearly complete on all work packages.

The future segments of the pipeline, between Hwy 14 and the treatment plant location located at the Terry Bison Ranch, will have a 60% design completed in 2024. Segment 2 will go to 100% design in 2024 with procurement and construction budgeted and scheduled to start in early 2025.

The next segments of the pipeline, Segments 3, 4, and 5 will be taken to 100% design and construction as funding becomes available and the need for completion becomes clearer.

11. Review Water and Sewer Organizational Chart

Sean Chambers discussed the Water & Sewer Utilities team undertake a wide variety of activities to operate, maintain, protect and plan for the city's water and wastewater facilities, infrastructure and its water resources. Much work goes into attracting, developing, training and retaining high quality staff that can develop and leverage their institutional knowledge of the Greeley system.

As the water utility regulatory environment has evolved, with more stringent requirements for water quality testing, dam safety, cross connection and backflow prevention testing, utility locating, waste-water nutrient removal, lead identification and contaminants of emerging concern, our utility team has grown to be responsive to meet those obligations. Additionally,

the system's aging infrastructure has been requiring more and more attention each year, and with escalating capital project volume and escalating construction costs, we've added significant project management engineering staff and we are in the process of building out our water distribution O&M team with a new construction crew to manage smaller projects and save city resources.

12. Legal Report

Daniel Biwer provided the Legal Report. Based on review of the April 2024 Water Division 1 Resume, staff and water counsel recommend that the Water and Sewer Board authorize filing statements of opposition by the end of June 2024 to the following water court applications:

Case No. 24CW3059: The applicant, the Groundwater Management Subdistrict of the Central Colorado Water Conservancy District (GMS) is seeking a finding of reasonable diligence and to make a water right partially absolute. The water right involved is a junior storage right for La Poudre Reservoir Nos. 3 and 4 in the total amount of 1,600 a.f., with points of diversion from the B.H. Eaton Ditch, the Whitney Ditch, two pumps, and seepage inflows. GMS is seeking to make 674.5 a.f. of the storage right absolute. This case is related to another recent Central application, in which it made absolute a storage right for Jo Dee Reservoir No. 1, which also fills from the B.H. Eaton Ditch and pumps on the Poudre River, and may be stored in La Poudre Reservoir Nos. 3 and 4. Given the total amount of storage being claimed absolute, and Greeley's concerns with Central's accounting in the recent Jo Dee Reservoir case, we recommend that Greeley file a statement of opposition in this case to ensure Central's operation of its junior storage rights does not injure Greeley's rights on the Poudre River.

Case No. 24CW3060 (16CW3059): This case concerns a diligence application filed by United Water & Sanitation District (United) for junior storage rights and exchanges originally decreed in Case No. 16CW3059. United is seeking to make portions of its storage rights in Milliken Reservoir and 70 Ranch Reservoir absolute and to make certain of the exchanges partially absolute. We recommend that Greeley file a statement of opposition in this case to ensure that United's claims to make portions of these water rights absolute are supported, and to continue monitoring United's system-wide operations, which include water resources on the Poudre and South Platte Rivers, to ensure Greeley's rights are not injured.

Mr. Miller moved that the Board authorize filing statements of opposition in Case Nos. 24CW3059 and 24CW3060 and for staff and legal counsel to seek resolution of issues raised by these cases consistent with Water and Sewer Board Resolution No. 3, 2015. Mr. Murphy seconded the motion. The motion carried 7-0.

13. Director's Report

Sean Chambers provided a summary report including educational opportunities and updates on various operations activities

1. Education, Advocacy and Events Calendar

CWCB Colorado River Commissioner's July Webinar

July 11, 2024 <https://cwcb.colorado.gov/events/a-colorado-river-webinar-july-2024>

The Colorado River District's Annual Water Seminar

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

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

Colorado Water Conservation Board Annual all basins summit (C-9 Summit) – a meeting of the state's 9 basin roundtables as guided by the Water for the 21st Century Act; Oct. 1-2, 2024, in Crested Butte

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

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

Mr. Miller announced that the Water Literate Leaders Program is currently accepting applications and he would encourage people interested in the program to look at participating. Applications are due July 19, 2024.

15. Adjournment

The meeting ended at 3:54 p.m.

Harold Evans, Chairman

Raymond Lee, Board Secretary



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Welcome New Employees and Promotions

Summary:

New Hires: Joe Creek – Water Supply Technician – Sewer General Management
Benjamin Thompson – Intern III- Treatment and Supply

Promotions: Tonya Villareal – Interim Utility Billing Supervisor

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

None



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Nelvis Alvarez, Public Engagement Manager

Title:

City of Greeley 2024 Ballot Initiatives

Summary:

The City Manager's Office designee will present information on potential ballot issues that intended to address the critical needs, support economic growth, and ensure a safe community and all residents.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

1. CoG Community Engagement Presentation (For Distribution)
2. DIGITAL Greeley Webinar Flyer - ACCESSIBLE
3. PRINT Driving Greeley Protecting Greeley Flyer



Driving Greeley, Protecting Greeley



Community Vitality

Agenda



- 2024 Ballot Measures Overview
- Food Tax and Debt Issuance
- Public Safety
- Sharing Information

2024 Ballot Measures Overview



- Greeley is the fourth fastest-growing metro area in the country and among the top 10 largest cities in Colorado.
- To match Greeley's growth, the City is considering introducing three potential ballot measures this November:
 - Driving Greeley: Food Tax Renewal and Debt Issuance
 - Protecting Greeley: Public Safety

Driving Greeley: Food Tax and Debt Issuance

- Driving Greeley are two potential measures for the 2024 ballot to do just that - take Greeley into a new generation, making sure the city can keep up with where our dynamic residents are going.
- Together, these two measures will:
 - Fund critical transportation infrastructure and safety programs
 - Support services and facilities for kids, seniors, and people with disabilities
 - Fund critical public safety and security programs
- These two measures mean **NO NEW TAXES**, and simply the extension of an existing sales tax, which has existed for over 30 years, and approval of a financing mechanism that allows the city to take advantage of a federally subsidized program for transportation infrastructure.

Driving Greeley: Food Tax

- Since 1990, Greeley residents have renewed a sales tax on food more than five times to support funding for:
 - Facilities
 - Parks
 - Street maintenance
- This has funded important programs across the city that support
 - Seniors – ex: repairs and upgrades at the active adult center, better access to public buildings for the elderly
 - Children – ex: traffic signal safety near school zones, funding for after-school centers
 - People with disabilities – ex: upgrading public building to ensure wheelchair access
- The City would ask voters to permanently extend the food tax **without raising taxes** to support our community programs and improve the quality of Greeley residents' present and future.

Projects Past and Future

Past 5 Years.....\$41M Expended

27%



\$11M Well Maintained Roads

Transfers for pavement repairs and maintenance

27%



\$11M Recreational Amenities

Senior Center, Rec Center, Rodarte Center, Ice Haus, Family Funplex, Golf

19%



\$8M Inviting, Beautiful Parks

Irrigation systems, playground maintenance, parks restrooms and shelters

10%



\$4M Safe & Accessible Buildings

Emergency repairs, HVAC, Roofs, Flooring, Remodels, ADA improvements

8%



\$3M Traffic Safety & Mobility

Traffic signal replacements, school flashers, bike paths repairs

Next 5 Years.....\$70M Budgeted

27%



\$19M Inviting, Beautiful Parks

Irrigation systems, playground maintenance, parks restrooms and shaded shelters

17%



\$12M Safe & Accessible Buildings

Emergency repairs, HVAC, Roofs, Flooring, Remodels, ADA improvements

16%



\$11M Recreational Amenities

Senior Center, Rec Center, Rodarte Center, Ice Haus, Family Funplex, Golf

10%



\$7M Arts & Culture

Union Colony Civic Center, Historic Sites, Museums

9%



\$6.5M Traffic Safety & Mobility

Traffic signal replacements, school flashers, bike path repairs

Driving Greeley: Debt Issuance

- The City is considering a low-interest, long-term financing mechanism that could fund important infrastructure and transportation projects. Think of this similar to getting a mortgage for your home.
- Approval of a financing mechanism would allow the City to take advantage of a federally subsidized program to make much needed improvements to our community.
 - Constructing new Highway 34 interchanges at 35th and 47th Avenue to improve traffic flow, decrease congestion, and improve safety
 - Expanding Greeley's regional bus service with routes to Loveland, Severance, Denver, and the airport; and
 - Constructing traffic safety improvements and beautifying major traffic corridors such as Greeley's downtown 8th Avenue
- The financing measure is a formality required by state law/TABOR but would allow Greeley to take advantage of a federal program for low-cost transportation financing without increasing or creating new taxes.

Protecting Greeley: Public Safety

- The best way to make sure Greeley remains safe is by investing in our police and firefighters.
Last year:
 - Greeley Fire Department responded to 81% of emergency calls across the city within 5 minutes. They successfully managed 119 fires with zero fire-related fatalities.
 - Greeley Police Department responded to over 70,000 calls, with an average response time for life-threatening emergencies of just 4.4 minutes.
- This new funding would help keep our first responders safe by ensuring adequate staffing levels, time and resources for training, and other support equipment important for officer and firefighter safety.
- By increasing the existing sales tax and use tax (excluding the city sales tax on food) by 0.25%, or just 25 cents on every \$100 you spend, we can protect our firefighters and police from being overworked, understaffed, and lacking time and resources to do important safety training.

Questions





DRIVING GREELEY, PROTECTING GREELEY

Funding Greeley's Future Virtual Community Meeting

Planning for a Greeley of the future means the city must keep up with our residents so that we can continue to make Greeley a great place to call home. This November, the city may ask voters to consider three ballot measures to tackle much-needed improvements to our infrastructure and public safety. Join our virtual community meeting to learn more.



Date: Thursday, July 11, 2024

Time: 6:30 - 7:30 PM

**To join, scan the QR code
or visit the link below:**

greeleygov.zoom.us/j/83082587881

Our Speakers



Brian Kuznik

Fire Department Chief



Adam Turk

Police Department Chief



Winna MacLaren

Director of Communication
and Engagement



Diana Frick

Director of Culture,
Parks, and Recreation



Paul Trombino

Director of Public Works

FOR MORE INFORMATION: greeleygov.com/funding-greeley

Driving Greeley

Infrastructure Improvements

Driving Greeley combines two potential 2024 ballot measures to make sure the city can keep up with where our dynamic residents are going.

Together, these two measures will:

- Fund critical transportation infrastructure and safety programs
- Support services and facilities for kids, seniors, and people with disabilities
- Necessary maintenance of your parks, public spaces and recreation centers.

These two measures mean **no new taxes.**

- One simply involves the continuation of an existing sales tax, which has existed for over 30 years; and
- The other allows the city to benefit from a federally subsidized program for transportation infrastructure.



What's At Stake

Greeley takes pride in being a place where families can raise children, work, and retire. Without your support, we risk:

- Delayed or canceled critical upgrades to our infrastructure, including roads and public facilities, resulting in deteriorating conditions and increased commute times.



Learn More

For more information, visit our website:
greeleygov.com/funding-greeley



Protecting Greeley

Prioritizing Public Safety

The best way to make sure Greeley remains safe is by investing in our police and firefighters. New funding would help keep our first responders safe by ensuring adequate staffing levels, time and resources for training, and other support equipment important for officer and firefighter safety.



What's At Stake

Our city's progress and the well-being of our families depend on this measure—failure to pass it could set us back years and compromise the vibrant, secure community we cherish, including:

- Underfunded fire and police departments, leading to slower response times, less time for training, out-of-date technology, and reduced safety for our community.
- Delayed construction of a new public safety substation out west to keep up with the demand for services as Greeley grows.



Learn More

For more information, visit our website:
greeleygov.com/funding-greeley





Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Virgil Pierce, Rates and Budget Analyst

Title:

Approve a Resolution Authorizing and Approving a Loan from the Colorado Water Resources and Power Development Authority for the Lead Service Line Replacement Program

Summary:

Due to our error, last months resolution for the CWRPDA was not included in the W&S Board packet.

The CWRPDA has authorized a \$21M loan from the Colorado Drinking Water Revolving Fund for the city's Lead Service Line Identification and Replacement efforts. The CWRPDA provides public drinking water systems in Colorado with low interest loans from federal and state funds for drinking water infrastructure. The CWRPDA approval includes \$10M in principal forgiveness for the loan.

Recommended Action:

Approve the Resolution authorizing a loan from the Colorado Water Resources and Power Development Authority for the Lead Service Line Replacement Program.

Recommended Motion:

"I move that the Board approve the Resolution authorizing a loan from the Colorado Water Resources and Power Development Authority for the Lead Service Line Replacement Program."

Attachments:

1. 2 - CO DWRF Loan Presentation
2. 3 - CWRPDA Loan and Bond Water and Sewer Board Resolution



Colorado Drinking Water Revolving Fund Loan – Lead Service Replacement and Identification

**Water & Sewer Board
July 17, 2024**

Drinking Water Revolving Fund Loan

Due to our error, the resolution for the June Board Meeting was not included in your packet and so cannot be acted on.

We are here this month to ask again for a resolution to authorize and recommend the ordinance for this loan to city council.

Drinking Water Revolving Fund Loan

Our loan application for the Lead Service Identification and Replacement project was approved:

- \$20,910,725 loan at 3.5% interest rate for up to 30 years.
- \$10,000,000 in principal forgiveness from the BIL funding.

Federal Funding Requirements:

- Davis Bacon Wages, Disadvantaged Enterprises Six Good Faith Efforts, Buy America-Build America, and
- **State Historical Preservation Office Review**

We separately have received a \$250,000 grant from the WQCD for Lead Service Identifications.

Timing

- Water and Sewer Board Resolution – July 18
- City Council Ordinance - July 16 (first reading) and August 6 (final reading)
- SHPO Review and Clearance to Proceed – Expected in July 2024 with updates for each phase to be provided in the future.

Thank you



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

RESOLUTION __, 2024

A RESOLUTION OF THE GREELEY WATER AND SEWER BOARD AUTHORIZING AND APPROVING A LOAN FROM THE COLORADO WATER RESOURCES AND POWER DEVELOPMENT AUTHORITY FOR THE PURPOSE OF FINANCING CAPITAL IMPROVEMENTS TO THE WATER SYSTEM; APPROVING A LOAN AGREEMENT AND THE ISSUANCE OF A BOND TO EVIDENCE THE LOAN; PROVIDING FOR THE PAYMENT OF THE BOND FROM THE OPERATION OF THE WATER SYSTEM ON THE TERMS AND CONDITIONS PROVIDED IN THE BOND ORDINANCE

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

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

(a) Pursuant to Section 5-18(d) of the Charter of the City (the “Charter”), a proposed Ordinance (the “Ordinance”) is scheduled for introduction at the City Council (the “Council”) of the City’s regular meeting on July 16, 2024, authorizing a loan from the Colorado Water Resources and Power Development Authority (the “CWRPDA”) in the approximate principal amount of \$20,910,725 (consisting of a repayable loan for \$7,551,020, plus up to an additional \$10,000,000 of up-front loan principal forgiveness and a base direct loan of approximately \$3,359,705) (the “Loan”) for a term of up to 30 years and bearing interest at a fixed interest rate of 3.50%, and approving a loan agreement (the “Loan Agreement”) and the issuance of a governmental agency bond (the “Bond”) to evidence the loan upon the terms and conditions set forth in the Ordinance.

(b) Pursuant to Article XVII of the Charter, the City owns, operates and maintains a municipal water system (the “System”) as an “enterprise” within the meaning of article X, section 20 of the Colorado Constitution. The System has been designated as an enterprise by the Charter, by Section 20-23 of the Greeley City Code (the “Code”), and by related actions of the Council and the Board, and such designation is hereby ratified and confirmed. The Board has determined, and hereby determines, based in part upon advice of bond counsel, that the System currently meets all requirements applicable to an enterprise under said article X, section 20. Without limiting the generality of the foregoing, the Board has determined, and hereby determines, that in each fiscal year since the adoption of said article X, section 20, through and including the 2023 fiscal year, the System has received, and that for the current 2024 fiscal year, the Board intends and reasonably expects that the System will receive under 10% of annual revenue in grants from all Colorado state and local governments combined. Accordingly, no election is necessary under article X, section 20 of the Colorado Constitution to issue the Bond.

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

(i) all operation and maintenance of the System;

(ii) all debt service requirements; and

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

(d) The City has determined it is necessary and desirable for the best interests of the health, safety and welfare of the people of the City to finance the acquisition and construction of capital improvements, betterments, extensions and expansions of the System (the “Project”).

(e) The Board is familiar with (i) the Project; (ii) the financing of the Project to be effected through the execution and delivery of the Loan Agreement and the related issuance of the Bond; (iii) the terms and conditions of the loan upon which the Bond is to be issued; and (iv) the provisions of the Ordinance.

(f) Except for the Series 2014 Bonds, the Series 2016 Bonds, the Series 2018 Bonds, and the Series 2022 Bonds (all as defined in the Ordinance), there are no other outstanding bonds, notes or other obligations secured by a pledge of or a lien on all or any part of the Net Revenues (as defined in the Ordinance) of the System secured on parity with the Bond, and there are no ordinances, resolutions, contracts, agreements, or other enactments or commitments inconsistent with the Loan Agreement or the issuance of the Bond or due performance under the Bond or the Ordinance.

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

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

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

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

Section 2. Approval, Authorization and Ratification. The Board hereby approves and authorizes the Project, the execution and delivery of the Loan Agreement, and the issuance of the Bond, in an aggregate principal amount not to exceed \$21,000,000, bearing interest at the rates and maturing on the dates and in the amounts to be set forth in the Loan Agreement, and on the terms and conditions provided in the Ordinance; and the Board further hereby authorizes, approves and concurs in all terms and provisions of the Ordinance and the transactions contemplated thereby. Without limiting the generality of the foregoing, as security for the Loan Agreement and the Bond, the Board hereby specifically authorizes, approves and concurs in the pledge of Net Revenues of the System, the granting of an irrevocable and first lien (but not necessarily an exclusively first lien) on such Net Revenues, on a parity with the lien of the Series 2014 Bonds, the Series 2016 Bonds, the Series 2018 Bonds and the Series 2022 Bonds, the covenants, restrictions and limitations relating to additional Parity Obligations and Subordinate Obligations (both as defined in the Ordinance), and the covenants relating to the establishment and collection of System rates and charges, all as provided in the Ordinance. All actions heretofore taken (not inconsistent with the provisions of the Ordinance) by the City, the Board, and officers, agents and employees of the City and the Board, directed toward the undertaking of the Project and toward the execution and delivery of the Loan Agreement and the issuance of the Bond for that purpose are hereby ratified, approved and confirmed.

Section 3. Delegation. In connection with this resolution, the Loan Agreement, and the Bond, the Board hereby elects, pursuant to Section 11-57-204, Colorado Revised Statutes, as amended ("C.R.S."), to apply such portions of the Supplemental Act (as defined and provided in the Ordinance) as are relevant to and not inconsistent with the provisions of the Ordinance and this resolution, including without limitation Section 11-57-211, C.R.S. The officers of the City, including appropriate officers of the Board, are hereby authorized and directed to take all action necessary or appropriate to effectuate the provisions of the Ordinance and this resolution, to comply with the Ordinance, the Loan Agreement, and the Bond, and to comply with all requirements of applicable law in connection therewith, including, without limitation, the execution and delivery of such documents, agreements, certificates, affidavits and other instruments as may be necessary or desirable in connection therewith. Pursuant to Exhibit B of the Loan Agreement, the Director of Finance and the Deputy Director of Utility Finance and Customer Service are each designated as an Authorized Officer (as defined in the Loan Agreement) of the City and the Board for the purpose of performing any act or executing any document relating to the Loan, the Bond or the Loan Agreement.

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

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

Section 6. Effective Date. The Loan Agreement and the Bond being scheduled for delivery on or about July 22, 2024 or such later date as is determined pursuant to the terms of the Ordinance, it is hereby determined that the immediate effectiveness of this resolution will promote the public health and safety of, and will benefit, the citizens and inhabitants of the City. This resolution shall become effective and be in full force and effect immediately upon its adoption.

APPROVED, ADOPTED AND SIGNED this _____, 2024.

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

ATTEST:

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



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Virgil Pierce, Rates and Budget Analyst, Erik Dial, Deputy Director of Utility Finance, Crystal Sanchez - Water Enterprises Financial Analyst

Title:

Approve and Recommend to the City Manager the Water and Sewer 2025 Operating and Capital Budget

Summary:

Staff prepared the 2025 operating budget and the ten-year capital program for review by the Water and Sewer Board. The operating and capital budgets were prepared with an eye to the future, incorporating capital improvements from master plans, building the operational teams to meet the needs of a growing City, and meeting the high level of service expected when providing water and sanitary sewer services. The enclosed capital budgets meet the regulatory, rehabilitation, and long-range growth needs of the City's water and sewer services while being mindful of the rates that Greeley's citizens pay.

On average, residential water bills will increase approximately \$4.22/month and residential sewer bills will increase approximately \$1.70/month for a total water and sewer bill will increase to \$5.92/month. The water PIF for a 3/4" tap will increase by \$850 to \$13,750 and the sewer PIF will increase by \$1,150 to \$8,650.

Recommended Action:

Approve and recommend to the City Manager the Water and Sewer 2025 Operating and Capital Budget.

Recommended Motion:

"I move that the Water and Sewer Board approve and recommend to the City Manager the Water and Sewer 2025 Operating and Capital Budget."

Attachments:

1. 02 - 2025 WS Proposed Budget & Rates
2. 03 - Water Pro Forma
3. 04 - Sewer Pro Forma
4. 05 - CIP10YR-2025
5. 06 - 422 - Water Construction Fund Booklet
6. 07 - 423 - Water Replacement Fund Booklet
7. 08 - 424 - Water Acquisition Fund Booklet
8. 09 - 412 - Sewer Construction Fund Booklet
9. 10 - 413 - Sewer Replacement Fund Booklet
10. 11 - 421 - Water Operating Fund Booklet
11. 12 - 411 - Sewer Operating Fund Booklet
12. 13 - Customer Class Descriptions



Water and Sewer 2025 Proposed Budget and Rate Changes

Erik Dial, Deputy Director of Utility Finance and Customer Service

Virgil Pierce, Utility Finance Manager

Crystal Sanchez, Water Enterprise Financial Analyst

Water and Sewer Board – July 17, 2024



Utility Finance and 2025 Budget

What we do:

- Operations Managers and Capital Project Managers submit draft budgets
- Annual rate modeling and 10-year cash flow:
 - Requested operating increases and capital additions are reviewed in the context of the predicted impact on rates.
- W&S Stewardship Team meets weekly throughout spring to determine priorities and finalize 2025 capital and operating budgets

2025 Budget - Focus Areas

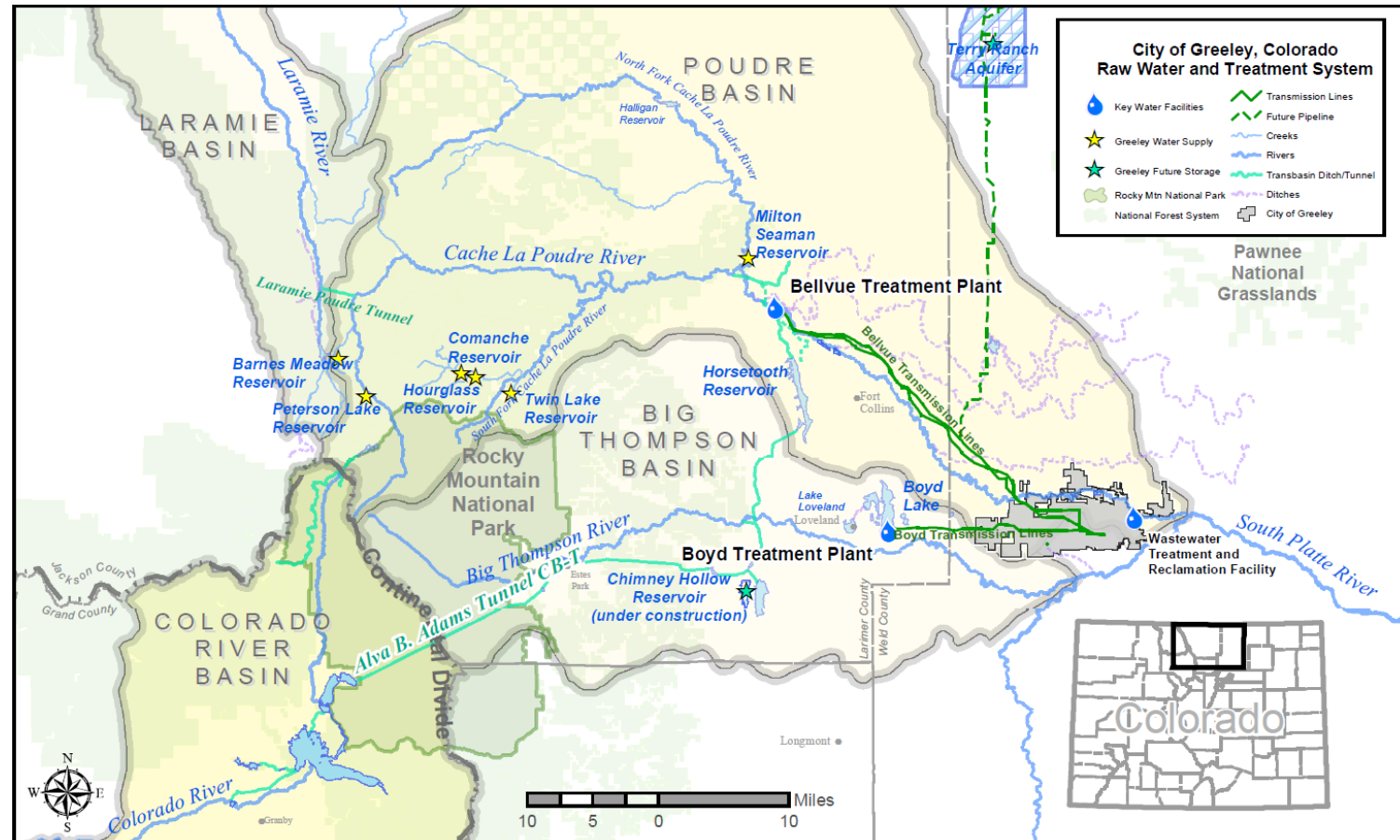
- Operations - Resiliency and Maintenance
- Customer Focused
- Regulatory Compliance and Public Health
- Capital Investments – Rehabilitate System and Extend Service for Future Growth



2025 Budget - Operations

Large system footprint and complexity for a city the size of Greeley

- Staffing investments
 - In-house construction crew to repair/replace water lines
 - System protection
 - Engineering leadership
 - Re-organizing teams
- Optimize systems
 - Operational effectiveness
 - Master planning



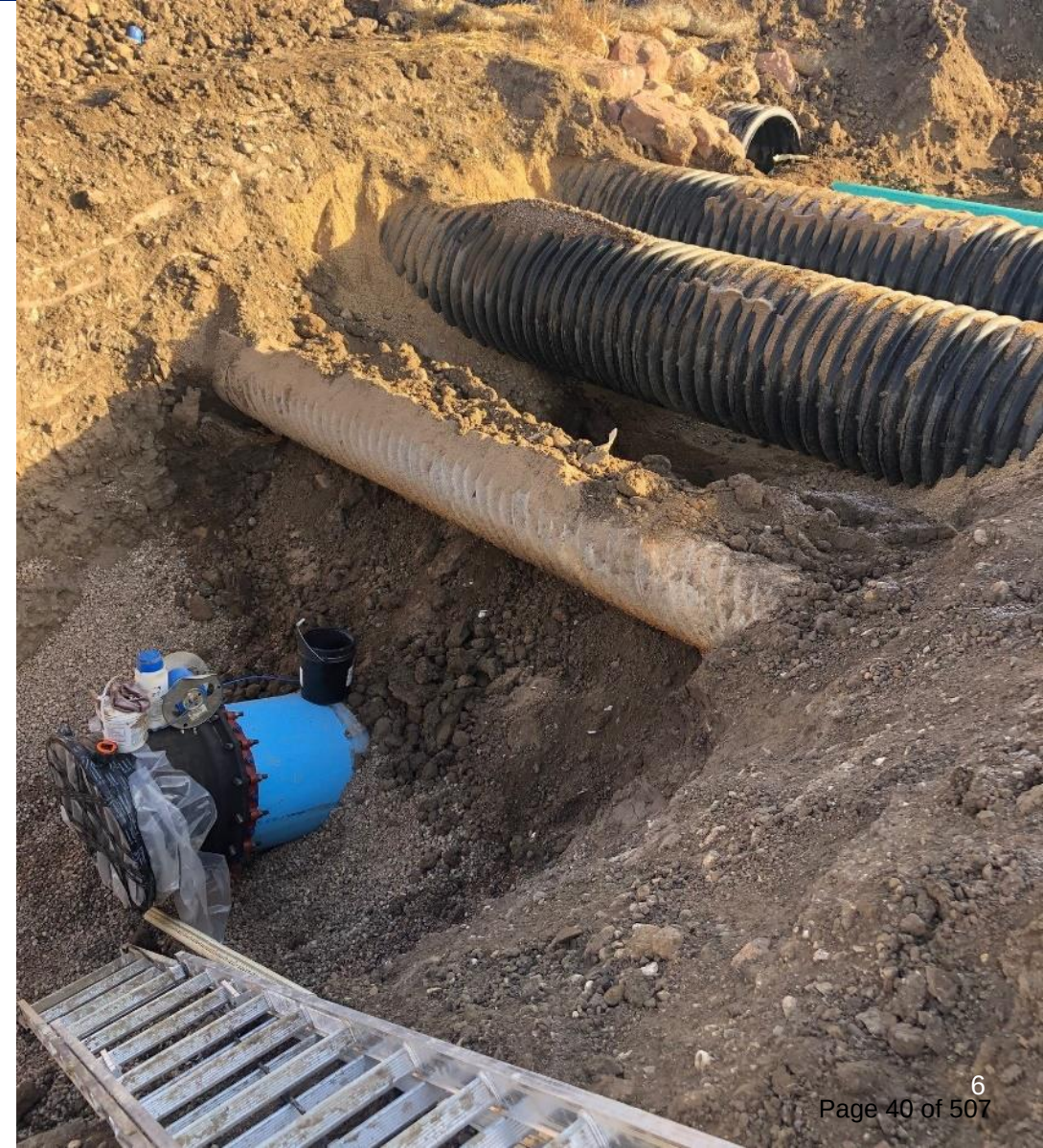
2025 Budget – Customer Focused

- Utility Billing and metering investments
 - Customer Information System (CIS) project kicked off early June
 - Go live November 2025 (tentative)
 - Additional staff for CIS project
 - AMI – Metering accuracy and transparency
 - 23,281 installed smart meters.
- Communication
 - Key account program
- Customer ability to pay and collections issues
 - Assistance program
 - Underserved communities – conservation focus



2025 Budget – Capital

- Replacement/Rehabilitation needs
 - Build out construction crew
 - Asset management
- Strategic expansion in growth areas
- Water acquisition
- Master planning



2025 Budget – Regulatory Compliance

- Water quality
 - Lead and Copper Rule Revision
 - Cross connection control & backflow – Additional staff and new system (SpryPoint CIS)
 - WTRF capital investments
 - Industrial pretreatment
 - Source water protection
- Water rights defense



2025 Budget Proposals



2025 Operating Budget Increases

- The Base Budget proposed by the Budget Office included inflationary increases for most accounts of between 3% and 10%.
- Water and Sewer staff identified needed increases beyond the Base Budget:
 - \$6.8M for Water and 25 new positions
 - \$780K for Sewer and 2 new positions
- Recommended increases for the Operating Budget:
 - \$3.5M for Water including 7.5 new positions
 - \$710K for Sewer including 1.5 new positions



2025 Budget Increases by Focus Areas

	Supported Increases
Customer Service	\$ 299,733
Regulatory Compliance	\$ 263,199
System Protection	\$ 656,959
System Growth	\$ 1,519,524
Construction Crew	\$ 578,376
Capital Program	\$ 200,796
SCADA	\$ 202,197
Contingency	\$ 530,000
Total	\$ 4,215,717



Water and Sewer Budget Increases

Request Title	FTE	Water Ongoing	Water One-Time	Sewer Ongoing	Sewer One-Time
SpryPoint CIS (Utility Billing) Software Maintenance		\$138,117		\$42,979	
Water & Sewer Priority Increases to Base Budget		\$771,850	\$8,000	\$10,200	
Landscape Services and Small Gasoline Equipment		\$67,436	\$12,600		
Water & Sewer Accessibility Compliance			\$100,000		
Water Quality Tech – Term Limited to Full Time		\$13,826			
Non-Potable Electric and Internet Increase		\$67,700			
Water & Sewer Contingency Increases		\$400,000		\$130,000	
Water & Sewer Reclass Positions		\$40,635			
Transmission & Distribution Maintenance Crew Super.	1	\$124,095	\$85,100		
Water Distribution Construction Crew – Phase 2	3	\$254,476	\$323,900		
Water & Sewer Training Budgets Increase		\$27,481		\$4,425	
Water & Sewer Customer Service Increases		\$6,500			

Water and Sewer Budget Increases

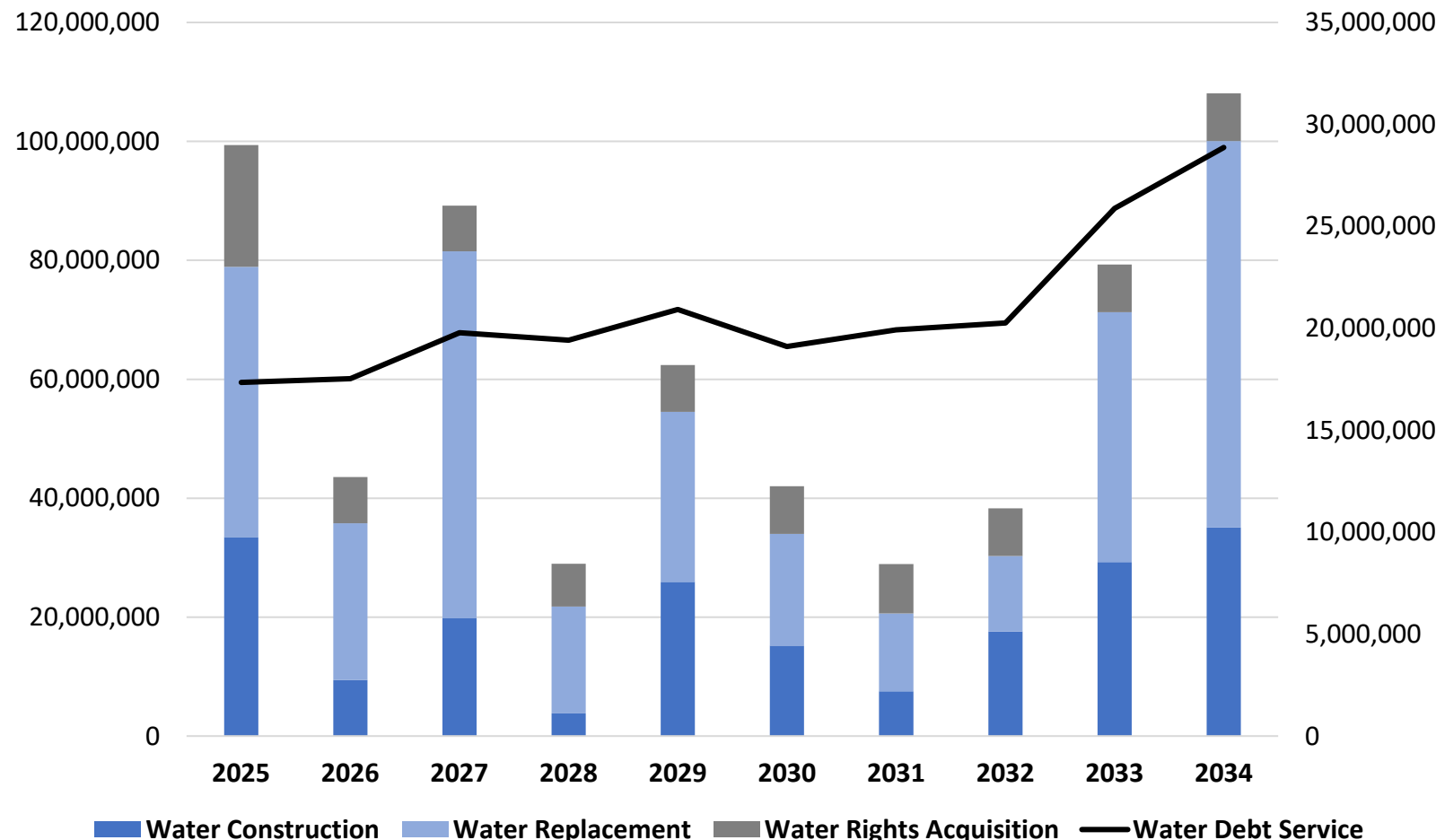
Request Title	FTE	Water Ongoing	Water One-time	Sewer Ongoing	Sewer One-time
Convert Project Funded Customer Care Rep. To Permanent	1	\$80,231			
Mini Excavator and Trailer for Water Distribution		\$2,000	\$180,000		
Deputy Chief Engineer	1	\$100,398		\$100,398	
Sewer Instrumentation & Control Technician	1			\$127,097	\$75,100
Treatment & Supply Administrative Assistant III	1	\$87,024	\$2,300		
Lead Utility Locator	1	\$98,592	\$72,600		
Skid Steer and Equipment Rental Increase for HMR		\$7,000	\$164,000		
WRP WRW Grant and Watershed Support		\$5,000	\$10,000		
Office Space Rentals for Water & Sewer		\$46,000	\$90,000		
Water Quality Analyst Reclass to Chemist		\$19,337			
Expansion for Collections Vac Jet Truck					\$220,000
New Water Quality Truck for LCRR			\$50,000		
W&S Internship and Apprenticeship Program		\$49,320			

2025-2034 Capital Program



2025 – 2034 Capital Investment Plan

Water 10-Year CIP and Debt Service

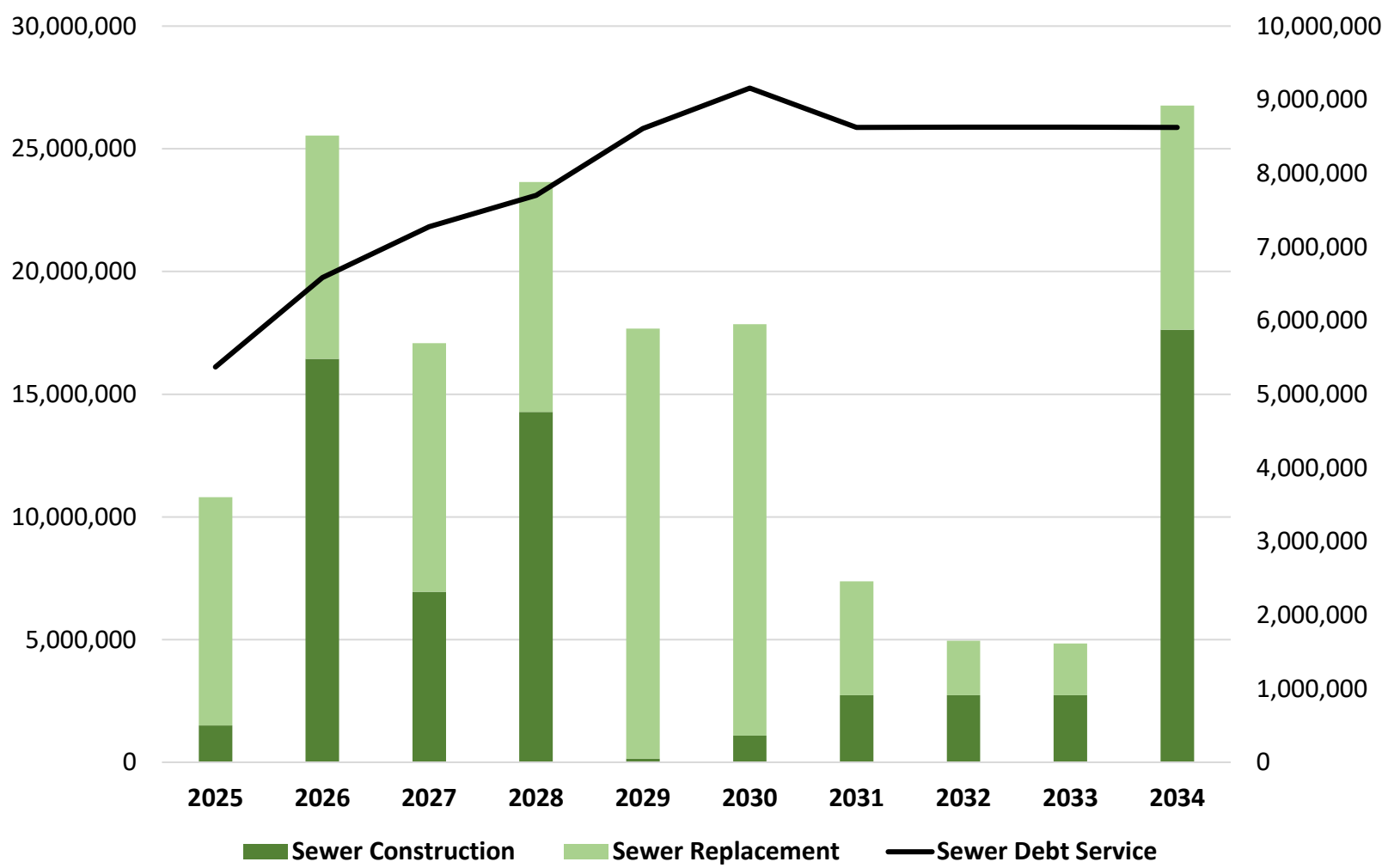


The major driver for rate increases needed for Water and Sewer is the Capital Investments planned for the next 10 years.

- Capital Construction is funded through Plant Investment Fees and Bonds.
- Capital Replacement is funded through Depreciation and Bonds.
- Water Acquisition is funded through Augmentation Sales and Bonds.

2025 – 2034 Capital Investment Plan

Sewer 10-Year CIP and Debt Service



The major driver for rate increases needed for Water and Sewer is the Capital Investments planned for the next 10 years.

- Capital Construction is funded through Plant Investment Fees and Bonds.
- Capital Replacement is funded through Depreciation and Bonds.
- The large expense in 2033 is the WTRF Regulatory 31 Improvements project.

2025 Water New Construction

2025 Project List	2025 Budget
<i>Supply</i>	
Terry Ranch Water Development	19,045,000
Centennial Park Non-Pot Pump Station	3,105,180
Ogilvy and Lone Tree Bypass	902,500
Irrigation Pump Station Upgrades	553,595
Windy Gap Firing	515,000
Monfort Park Non-Pot System Expansion	468,000
<i>Treatment</i>	
Bellvue 2MG Clearwell	5,040,000
<i>Transmission & Distribution</i>	
Non-Potable Waterline	1,500,000
New Vehicle and Equipment Purchases	861,000*
Bellvue Pipeline Gold Hill	574,000
Zone 2 & North of River Storage Tank	360,000
Distribution Line Extension & Oversizing	161,000
Upper Equalizer	155,000
35th Ave Water Line Extension F to O St	130,000
Water Taps	75,000
New Construction Meters	45,000
Total	\$33,490,275

*budget included in increases discussed above.

2025 Water Capital Replacement

2025 Project List	2025 Budget
<i>Supply</i>	
North Boomerang Non-Pot Pump Station Replacement	3,665,000
Non-Potable Replacement	702,000
Milton Seaman Caretaker House Upgrade	515,500
Grapevine Tailwater Pipeline Partial Replacement	324,000
Milton Seaman Outlet Works	220,000
SCADA – High Mountain Reservoirs	143,000
Ancillary System Improvements	52,000
<i>Treatment</i>	
Bellvue TB1 Repair and Mitigation	4,500,000
Bellvue Flocculator / Sed. Building Rehab	731,250
Bellvue WTP General Rehab	585,000
Boyd WTP General Rehab	510,000
Bellvue Switchgear Replacement	458,000
Bellvue Filter Media Replacement	310,000
Bellvue and Boyd WTP Electrical Upgrade	100,000
<i>Transmission & Distribution</i>	
Lead Service Inventory and Replacement – DWRF Fund.	5,437,975
Distribution Pipeline Replacements	4,670,000
Transmission Line Replacement – Cache Segment	4,037,900
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2025 Water Capital Replacement

2025 Project List	2025 Budget
23rd Ave Reservoir Replacement	4,035,000
Mosier Reservoir Rehab and Optimization	2,750,000
20th St Waterline Replacement at UNC	2,331,604
Transmission System Rehab.	2,131,000
23rd Ave 4th St to 5th St	1,563,020
Utility Billing Replacement – Water	1,000,000
Treated Water Reservoir Rehab.	426,770
Valve Replacement	355,000
Advanced Metering Infrastructure	345,000
Transmission System Corrosion Protection	283,800
Waterline Replacement for Strategic Growth	275,000
Fire Hydrant Replacement	240,000
Instrumentation and Controls – Water	201,000
Island Grove Park and Waterline Replacement	138,000
Transmission Line Replacement – Schneider Farm Seg.	95,000
Meter Replacement	75,000
<i>Studies & Others</i>	
Water Capital Outlay Replacement	912,153
EPA & State Regulation Driven Cybersecurity Upgrades	558,000
Non-Potable Water Master Plan Update	324,000
Distribution System Model & Master Plan Update	291,000
Risk & Resiliency Study and Emergency Response Plan	125,000
Total	\$45,416,972

2025 Water Rights Acquisition

2025 Project List	2025 Budget
Future Water Rights Acquisition	10,990,000
Non-tributary Groundwater SLB Change Case	7,600,000
Interruptible Supply / Alternative Transfer Mech.	895,000
NISP Response and Management	385,000
Poudre Ponds Parcel B	199,000
Water and Sewer History 2nd Ed	150,000
Water Supply and Storage Change Case	100,000
Sustainable Water Conservation and Demand Management	75,000
Overland Trail Gravel Pits	70,000
City of Greeley and USFS Land Exchange	20,000
Total	\$20,484,000

2025 Sewer New Construction

2025 Project List	2025 Budget
<i>Collection</i>	
County Rd 17 West Greeley Interceptor	770,000
Sanitary Sewer Manholes and Taps	79,000
New Vehicle & Equipment Purchases – Wastewater*	270,000
North Greeley Sewer Phase IIA	35,000
<i>Treatment</i>	
WTRF Odor Control	345,000
Total	\$1,499,000

*budget included in increases discussed above.

2025 Sewer Capital Replacement

2025 Project List	2025 Budget
<i>Collection</i>	
Highland Hills 47th Ave Sewer Capacity	3,050,000
Highland Hills 35th Ave Sewer Capacity	1,590,000
Sewer Collection System Rehab.	476,000
8 th Ave Sewer Storm Manhole Conflict	140,000
Wastewater Flow Monitoring Program	90,000
<i>Treatment</i>	
WTRF Electrical Rehabilitation	986,000
General Rehabilitation Projects	665,000
WTRF – Primary Treatment Phase II	400,000
WTRF Secondary Digesters Rehabilitation	357,000
Instrumentation & Controls – Wastewater	237,800
WTRF Regulatory Support	55,000
<i>Studies & Other</i>	
Sewer Capital Outlay Replacement	248,337
Risk & Resiliency Study & Emergency Response Plan Update	245,000
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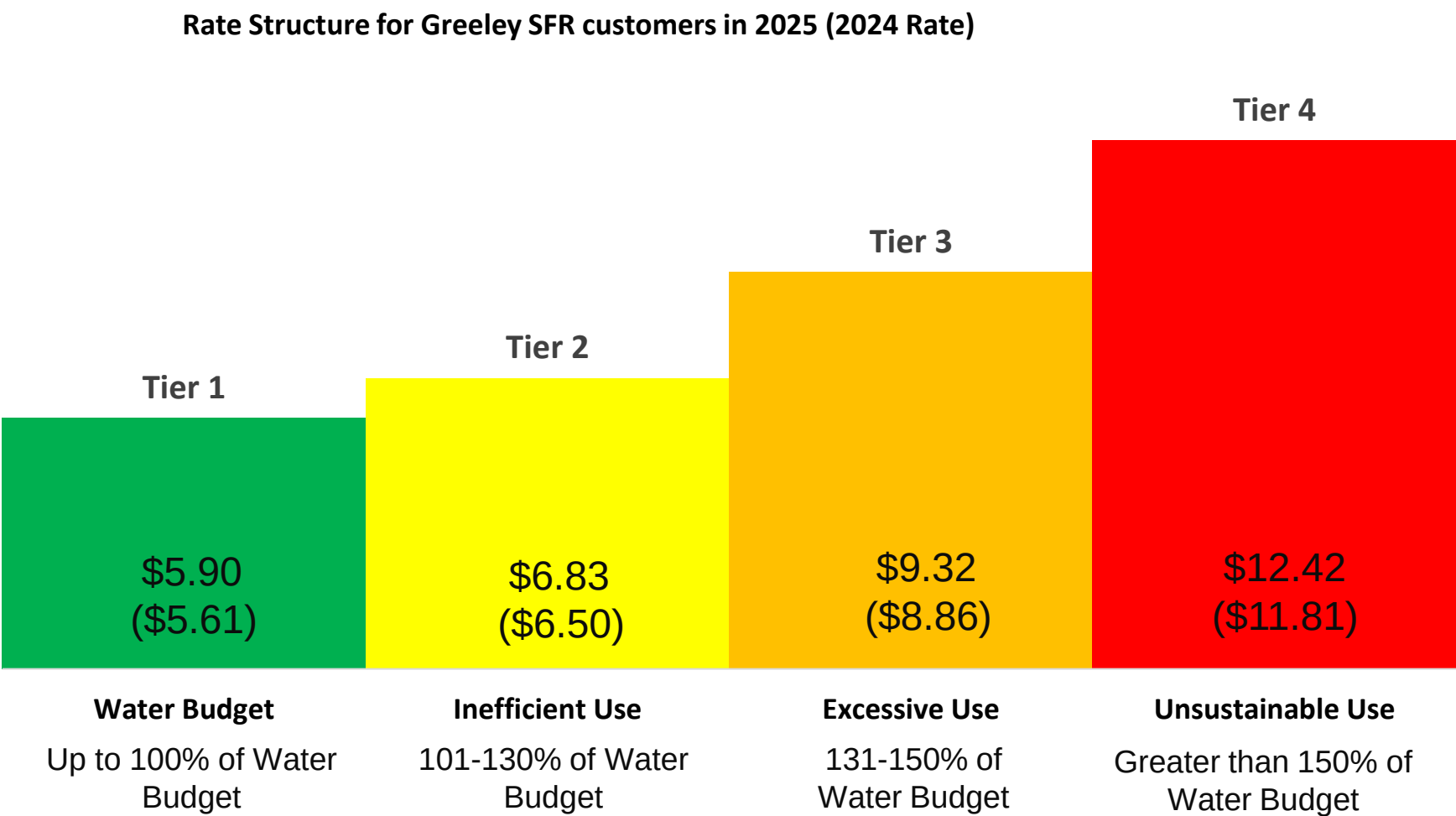
2025 Sewer Capital Replacement

2025 Project List	2025 Budget
Sanitary Sewer Master Plan Update	150,000
Balsam Ave and LS9 Capacity Assessment	130,000
Wastewater Treatment Master Plan Update	70,000
Total	\$9,310,137

Customer Bill Impacts



TENTATIVE:
2025
Residential
Water Rates



- Monthly Service Charge \$19.00 from \$17.75
- Uniform Residential Volumetric Rate \$6.18 from \$5.88

The service charge, for a customer using 10,000 gallons per month with the volumetric rate gives an effective rate of \$8.08 per 1,000 gallons.

TENTATIVE 2024 Water Rate Changes

Customer Class	Existing Rate / kgal	% Increase to Total Bill	Proposed Rate / kgal
Inside Residential	\$ 5.88	5.5%	\$ 6.18
Inside Commercial	\$ 5.69	5.5%	\$ 6.00
Inside Industrial	\$ 4.77	3.0%	\$ 4.92
Outside Residential	\$ 11.66	0.0%	\$ 11.50
Outside Commercial	\$ 11.58	0.0%	\$11.43
Outside Industrial	\$ 4.12	11.5%	\$ 4.60
City of Evans	\$ 5.39	7.0%	\$ 5.77
Town of Windsor	\$ 5.61	11.5%	\$ 6.26
Town of Milliken	\$ 6.39	11.5%	\$ 7.13

TENTATIVE 2024 Sewer Rate Changes – Inside City

Customer Class	Existing Rate / kgal	% Increase to Total Bill	Proposed Rate / kgal
Single Family	\$ 4.46	5.0%	\$ 4.66
Multi-Family	\$ 4.46	4.5%	\$ 4.66
Commercial 1	\$ 4.43	4.5%	\$ 4.63
Commercial 2	\$ 6.31	4.0%	\$ 6.56
Commercial 3	\$ 8.15	4.0%	\$ 8.48
Commercial 4	\$ 9.95	4.5%	\$ 10.40
Commercial 5	\$ 11.76	5.0%	\$ 12.35

Monthly service charge for sewer is increasing from \$18.00 to \$19.00.

TENTATIVE 2024 Sewer Rate Changes – Industrial

Customer Class	Existing Rate / kgal	% Increase to Total Bill	Proposed Rate / kgal
Industrial SIC 2013	\$ 30.39	45%	\$ 44.08
Industrial SIC 7218	\$ 15.72	-10%	\$ 14.15
Industrial SIC 2873	\$ 59.01	26%	\$ 74.48
Industrial SIC 4212	\$ 3.34	- 10%	\$ 2.95
Industrial SIC 2034	\$ 9.68	-10%	\$ 8.71
Industrial SIC 2047	\$ 33.54	1%	\$ 33.88
Industrial SIC 5169	\$ 6.78	35%	\$ 9.19
Industrial SIC 7542	\$ 9.23	5%	\$ 9.70

TENTATIVE 2024 Sewer Rate Changes – Outside City

Customer Class	Existing Rate / kgal	% Increase to Total Bill	Proposed Rate / kgal
Single Family (outside)	\$ 6.64	3.5%	\$ 6.77
Multi-Family (outside)	\$ 6.64	2.4%	\$ 6.77
Commercial 1 (outside)	\$ 6.08	3.0%	\$ 6.23
Commercial 2 (outside)	\$ 8.23	4.0%	\$ 8.54
Commercial 3 (outside)	\$ 10.32	5.5%	\$ 10.89
Commercial 4 (outside)	\$ 12.59	3.5%	\$ 13.03
Commercial 5 (outside)	\$ 14.22	0.0%	\$ 14.22

Customer Impacts

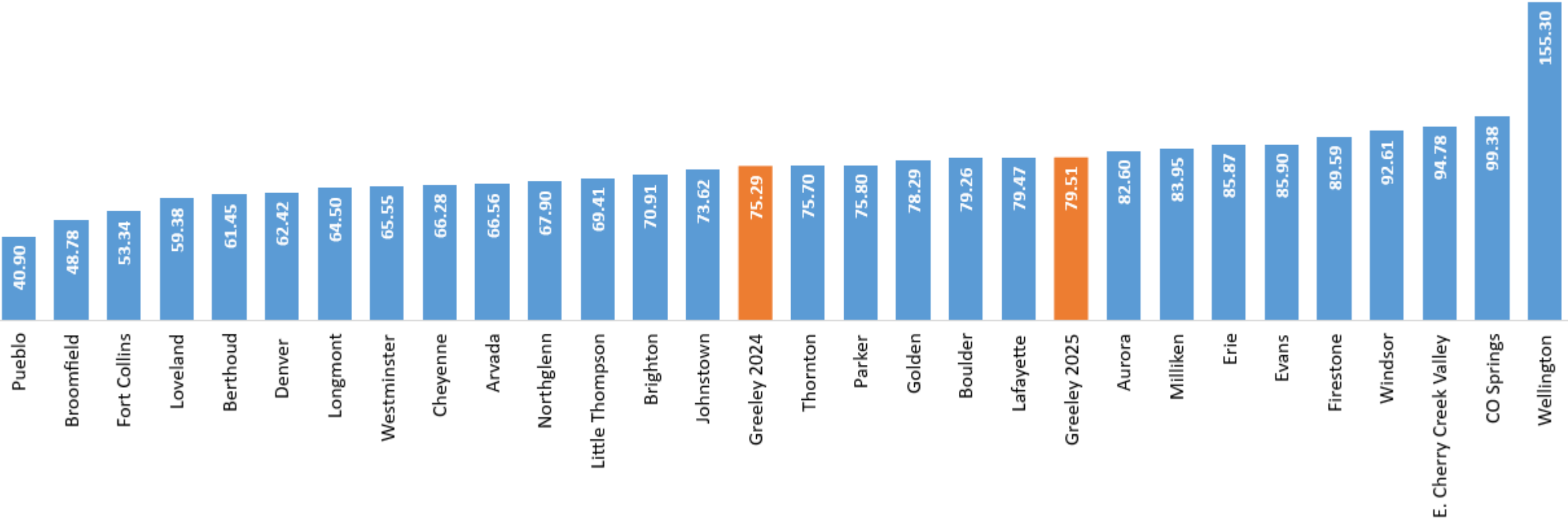
The Cost-of-Service model is calling for a 5.5% rate increase for Water and 5.0% for Sewer customers. The impact to a typical customer (10,000 gallons of water per month, 3,500 gallons of winter usage) bill is estimated to be:

	2024 Monthly Bill	2025 Monthly Bill	\$ Change	% Change
Water	\$ 75.29	\$ 79.51	\$ 4.22	5.5%
Sewer	\$ 33.61	\$ 35.31	\$ 1.70	5.0%
Total W&S	\$108.90	\$114.82	\$ 5.92	5.4%
<i>Stormwater</i>	\$ 16.48	\$26.53	\$10.05	61.0%
Total Utility Bill	\$125.38	\$141.35	\$15.97	12.7%

Comparisons with Other Cities

Single Family Monthly Water Bill Comparison

Assumes water use of 10,000 gallons per month

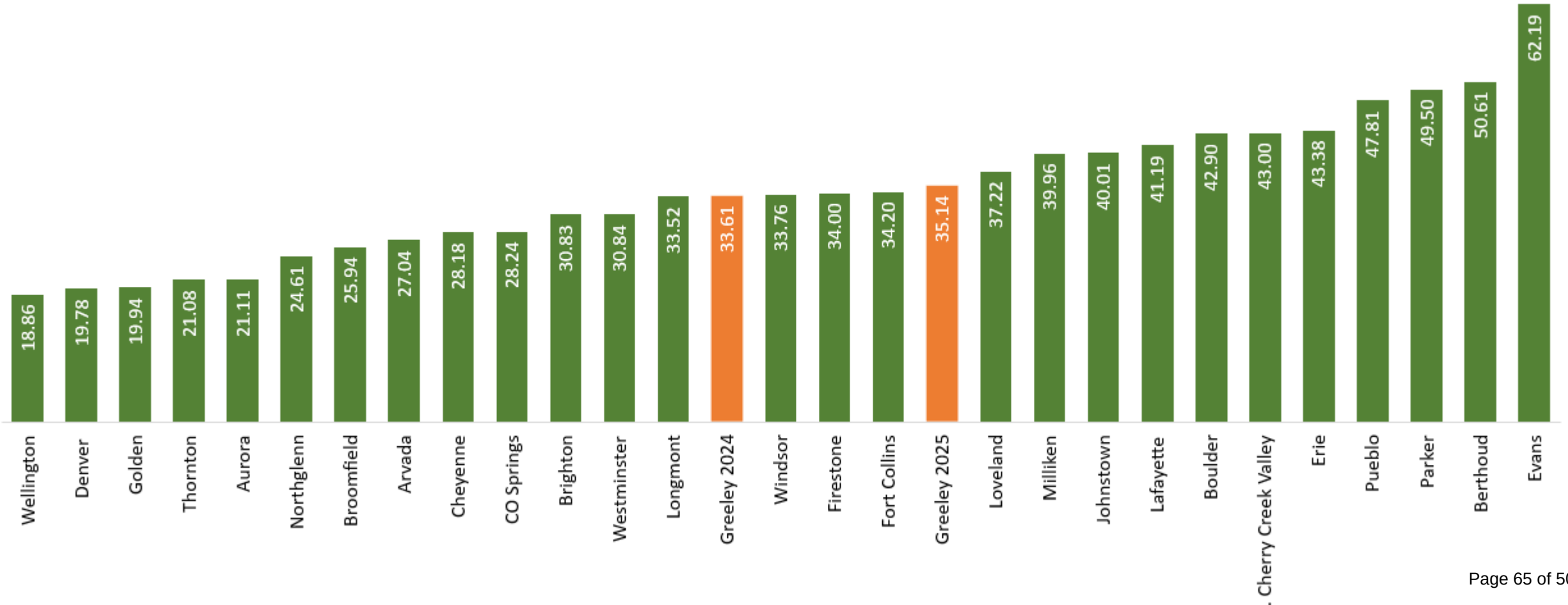


Front Range Water Providers

Comparisons with Other Cities

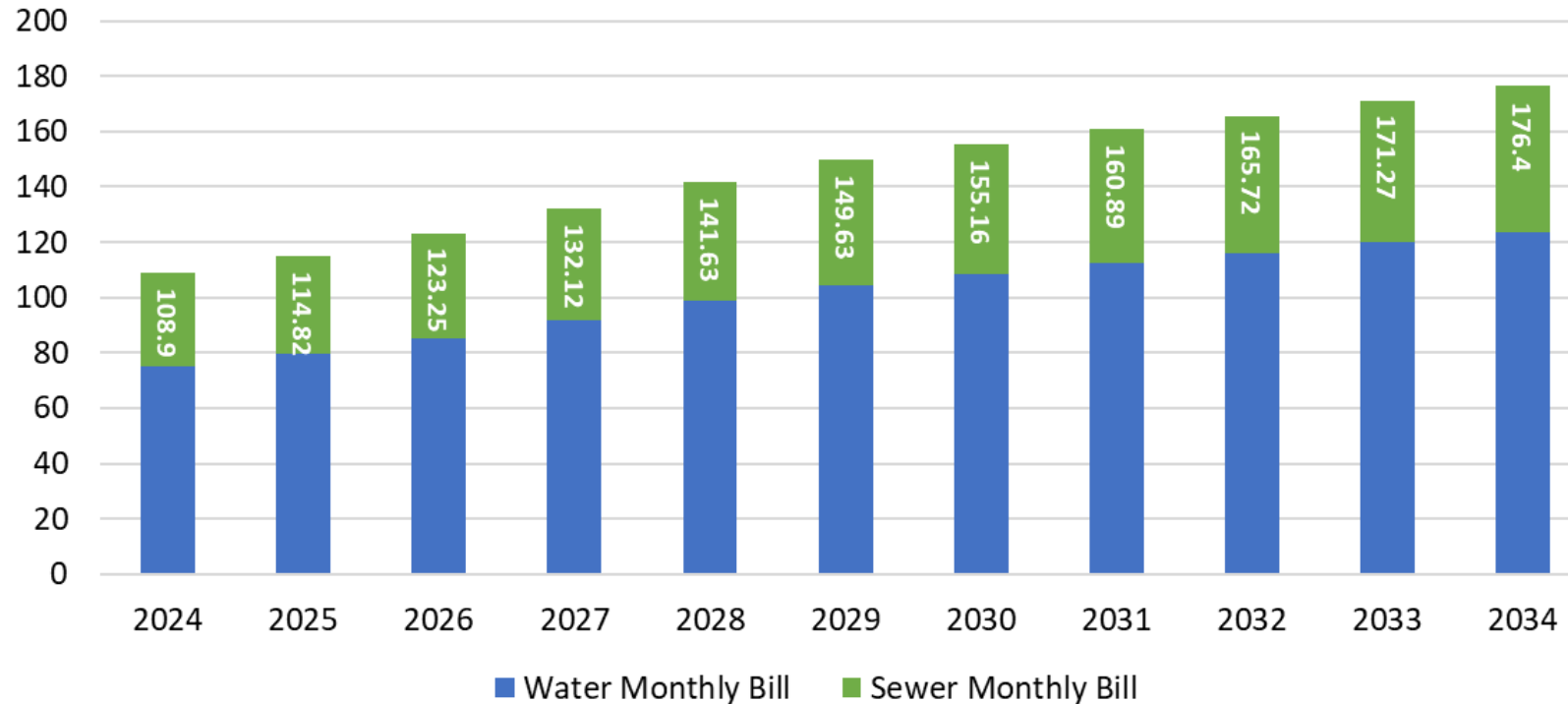
Single Family Monthly Sewer Bill Comparison

Assumes 3,500 gallons average winter consumption.



Future Bill Impacts

Water and Sewer Combined Bill - Projected

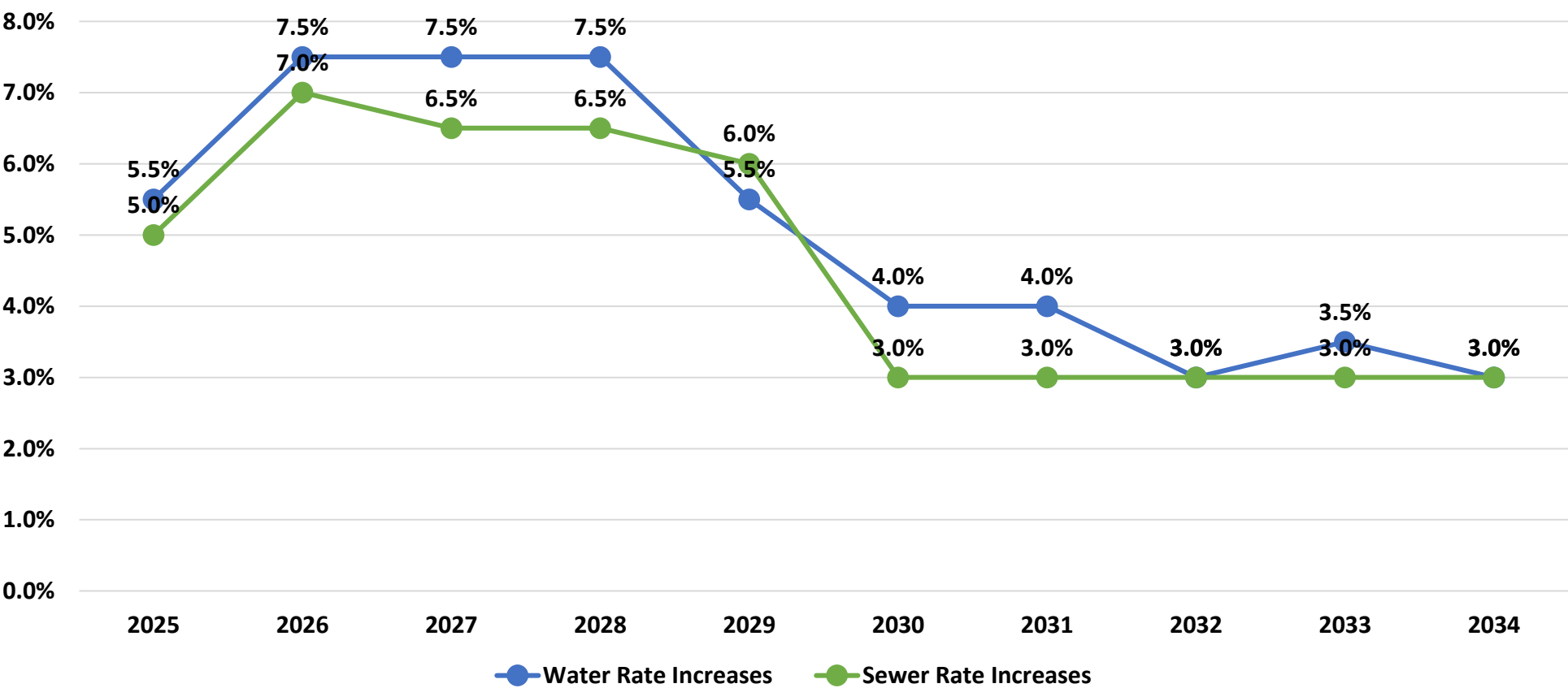


With the forecasted rate increases coming from the cash flow models we are predicting an average effective annual increase of 5.4% in the typical customer's bill for the next 10-year period.

Forecasted Rate Increases

The prioritized budget increases and 2025-2034 Capital Plan are run through a 10-Year Cash Flow model and future rate increases to cover the costs are estimated:

Forecasted Rate Increases for Water and Sewer





Plant Investment Fees

TENTATIVE 2025: Plant Investment Fees

The PIF is based on a Customer Buy-In Methodology:

$\frac{3}{4}$ " PIF = Total System Replacement Value / Number of $\frac{3}{4}$ " Equivalent Customer Connections

	2024	2025	Change	% Change
Water	\$12,900	\$13,750	\$850	7%
Sewer	\$7,500	\$8,650	\$1,150	15%
Total	\$20,400	\$22,400	\$2,000	10%



Questions?

**Water Pro Forma
2025**

Line No.		Total for 2025	Operating	Construction	Replacement	Acquisition
Operating Revenue:						
1	User Charges	55,911,893	55,911,893			
2	Non-Potable	824,000	824,000			
3	Plant Investment Fees	7,713,750		7,713,750		
4	Hydrant Water Sales	489,250	489,250			
5	Raw Water Surcharge	500,000				500,000
6	Cash-in-Lieu	350,000				350,000
7	Augmentation Sales	1,250,000				1,250,000
8	Meter Sales/Rentals	389,886		389,886		
9	Total Operating Revenue	67,428,779	57,225,143	8,103,636	-	2,100,000
Operating Expenses:						
10	O&M	31,544,894	31,297,543	247,351		
11	Windy Gap Assessments	2,381,509	2,381,509			
12	Total Operating Expenses	33,926,403	33,679,052	247,351	-	-
13	Operating Income	33,502,376	23,546,091	7,856,285	-	2,100,000
Non-Operating Revenue:						
14	Miscellaneous	1,756,850	1,756,850			
15	Terry Ranch Contributions	15,344,000		15,344,000		
16	Investment Income	2,308,928	1,000,823	627,655	511,351	169,099
17	Sewer Fund	1,286,952	1,286,952			
18	Transfers to Water for Utility Billing	139,070	139,070			
19	Grants (FEMA BRIC)	13,819,346		13,819,346		
20	Bond/Loans	83,972,025		6,000,000	54,972,025	23,000,000
21	Total Non-Operating Revenue	118,627,171	4,183,695	35,791,001	55,483,376	23,169,099
Non-Operating Expenses:						
22	Water Acquisition	20,479,000				20,479,000
23	Capital	107,230,770		61,623,798	45,606,972	
24	Debt Service	17,593,161	17,593,161			
25	General Fund for General Administration	4,594,757	4,301,453	293,304		
26	Total Non-Operating Expenses	149,897,688	21,894,614	61,917,102	45,606,972	20,479,000
Interfund Revenue or (Expense)						
	Funded Depreciation	-	(9,456,398)		9,456,398	
	Additional Transfers	-				
27	Total Interfund Revenue (Expense)	-	(9,456,398)	-	9,456,398	-
28	Annual Surplus (Deficiency)	2,231,859	(3,621,226)	(18,269,816)	19,332,802	4,790,099
29	Beginning Fund Balance 2025	42,062,635	21,827,070	18,688,013	560,616	986,936
30	Ending Fund Balance 2025	44,294,494	18,205,844	418,197	19,893,418	5,777,035
31	Target Reserve-90 Days O&M	8,304,424				

**Water Pro Forma
2025-2034**

Line No.		10-year Total	Operating	Construction	Replacement	Acquisition
Operating Revenue:						
1	User Charges	758,876,548	758,876,548			
2	Non-Potable	9,446,236	9,446,236			
3	Plant Investment Fees	93,191,786		93,191,786		
4	Hydrant Water Sales	5,608,712	5,608,712			
5	Raw Water Surcharge	5,731,946				5,731,946
6	Cash-in-Lieu	4,012,358				4,012,358
7	Augmentation Sales	12,500,000				12,500,000
8	Meter Sales/Rentals	4,778,095		4,778,095		
9	Total Operating Revenue	894,145,681	773,931,496	97,969,881	-	22,244,304
Operating Expenses:						
10	O&M	371,181,858	368,346,254	2,835,604		
11	Windy Gap Assessments	38,049,138	38,049,138			
12	Total Operating Expenses	409,230,996	406,395,392	2,835,604	-	-
13	Operating Income	484,914,685	367,536,104	95,134,277	-	22,244,304
Non-Operating Revenue:						
14	Miscellaneous	19,665,835	19,665,835			
15	Terry Ranch Contributions	36,941,121		36,941,121		
16	Investment Income	23,148,574	8,923,032	6,720,144	5,592,747	1,912,651
17	Sewer Fund	15,097,745	15,097,745			
18	Transfers to Water for Utility Billing		1,626,906			
19	Grants (FEMA BRIC)	13,819,346		13,819,346		
20	Bond/Loans	375,910,000		44,500,000	251,910,000	79,500,000
21	Total Non-Operating Revenue	484,582,621	45,313,518	101,980,611	257,502,747	81,412,651
Non-Operating Expenses:						
22	Water Acquisition	104,321,920				104,321,920
23	Capital	610,215,805		225,306,076	384,909,729	
24	Debt Service	213,016,314	213,016,314			
25	General Fund for General Administration	55,461,463	54,103,219	1,358,244		
26	Total Non-Operating Expenses	983,015,502	267,119,533	226,664,320	384,909,729	104,321,920
Interfund Revenue or (Expense)						
	Funded Depreciation	-	(139,121,504)		139,121,504	
	Additional Transfers	-		11,000,000	(11,000,000)	
27	Total Interfund Revenue (Expense)	-	(139,121,504)	11,000,000	128,121,504	-
28	Total Surplus (Deficiency)	(13,518,196)	6,608,585	(18,549,432)	714,522	(664,965)
29	Beginning Fund Balance 2025	42,062,635	21,827,070	18,688,013	560,616	986,936
30	Ending Fund Balance 2034	28,544,439	28,435,655	138,581	1,275,138	321,971
31	Target Reserve-90 Days O&M	11,571,449				

**Sewer Pro Forma
2025**

Line No.		Total for 2025	Operating	Construction	Replacement
Operating Revenue:					
1	User Charges	20,555,031	20,555,031		
2	Plant Investment Fees	4,169,300		4,169,300	
3	Total Operating Revenue	24,724,331	20,555,031	4,169,300	-
Operating Expenses:					
4	O&M	10,093,742	9,845,190	248,552	
5	Total Operating Expenses	10,093,742	9,845,190	248,552	-
6	Operating Income	14,630,589	10,709,841	3,920,748	-
Non-Operating Revenue:					
7	Miscellaneous	1,102,662	1,102,662		
8	Investment Income	616,265	179,372	436,893	-
9	Bond Issue	65,000,000		4,500,000	60,500,000
10	Total Non-Operating Revenue	66,718,927	1,282,034	4,936,893	60,500,000
Non-Operating Expenses:					
11	Capital	57,365,776		1,499,200	55,866,576
12	Debt Service	5,355,319	5,355,319		
13	Water Fund	1,286,952	1,286,952		
14	General Fund for General Administration	2,273,207	2,273,207		
15	Total Non-Operating Expenses	66,281,254	8,915,478	1,499,200	55,866,576
Interfund Revenue or (Expense)					
	Funded Depreciation	-	(4,668,060)		4,668,060
	Additional Transfer from Operating	-			
16	Total Interfund Revenue (Expense)	-	(4,668,060)	-	4,668,060
17	Annual Surplus (Deficiency)	15,068,262	(1,591,663)	7,358,441	9,301,484
18	Beginning Fund Balance 2025	9,329,154	4,383,274	5,058,639	(112,759)
19	Ending Fund Balance 2025	24,397,416	2,791,611	12,417,080	9,188,725
20	Minimum Target Reserve-90 Days O&M	2,427,581			

**Sewer Pro Forma
2025-2034**

Line No.		10-year Total	Operating	Construction	Replacement
	Operating Revenue:				
1	User Charges	280,509,757	280,509,757		
2	Plant Investment Fees	64,863,789		64,863,789	
3	Total Operating Revenue	345,373,546	280,509,757	64,863,789	-
	Operating Expenses:				
4	O&M	118,740,293	115,890,919	2,849,374	
5	Total Operating Expenses	118,740,293	115,890,919	2,849,374	-
6	Operating Income	226,633,253	164,618,838	62,014,415	-
	Non-Operating Revenue:				
7	Miscellaneous	12,732,843	12,732,843		
8	Investment Income	9,773,403	2,312,691	5,700,600	1,760,112
9	Bond Issue	105,000,000		14,500,000	90,500,000
10	Total Non-Operating Revenue	127,506,246	15,045,534	20,200,600	92,260,112
	Non-Operating Expenses:				
11	Capital	222,690,565		76,328,309	146,362,256
12	Debt Service	80,816,509	80,816,509		
13	Water Fund	15,097,745	15,097,745		
14	General Fund for General Administration	19,157,377	18,813,057	344,320	
15	Total Non-Operating Expenses	337,762,196	114,727,311	76,672,629	146,362,256
	Interfund Revenue or (Expense)				
	Funded Depreciation	-	(66,135,662)		66,135,662
	Additional Transfer from Operating	-	6,000,000		(6,000,000)
16	Total Interfund Revenue (Expense)	-	(60,135,662)	-	60,135,662
17	Total Surplus (Deficiency)	16,377,303	4,801,399	5,542,386	6,033,518
18	Beginning Fund Balance 2025	9,329,154	4,383,274	5,058,639	(112,759)
19	Ending Fund Balance 2034	25,706,457	9,184,673	10,601,025	5,920,759
20	Minimum Target Reserve-90 Days O&M	2,990,604			

Notes updated 12/29/2021**General:**

This spreadsheet is used to update Water and Sewer's 10-year CIP annually (the timeline moves out one year each update).

Old versions of the spreadsheet should not be deleted or overwritten as they are valuable for future reference. Instead, create a copy and rename it with the starting year of the next 10YR cycle.

Not only is this resource necessary for annual rate-modeling, it's a useful planning tool and reference for City

How to Update (for Budget Analyst):

At the most basic level, the "Current 10YR CIP" sheet is all that needs updated; other sheets can be used for additional summarizing and analysis as capacity allows. See details for each sheet below.

"Current 10YR CIP": this is the summary sheet for water and sewer capital projects which shows the total amount to be budgeted per project per year. These numbers come from department staff (mainly engineers) through the City's annual capital budgeting process. During/after the budget process, the budget analyst should summarize all project budgets and add them to this sheet. Likely, the 10YR CIP will see many iterations throughout the budgeting and modeling process which is why the "Revised" date is important to keep up with. Once final (or close to), the numbers should be copied into the CIP tab of the rate models. The rate model CIP should match this spreadsheet and should also match the total project budgets that are loaded into the City's budgeting software (currently TeamBudget). Double-check numbers often between this spreadsheet, the model and the budget software.

Column A "Proj#" should either be 1) the Oracle project number for currently budgeted projects, 2) the TeamBudget control number for future-year projects or 3) a made-up placeholder number for new projects that

"Previous 10YR CIP": this sheet is needed for the Year-Over-Year CIP Change sheet to function and can also be useful for staff as a reference. For example, the 2023 10YR CIP includes the years 2023-2032 and is created/referenced in 2022. Staff may be interested in seeing the 2022 budget as well which the Previous 10YR CIP sheet can be used for. The best way to set-up this sheet for a new cycle is to copy the current year sheet (formatting and all) and paste it into the previous year tab, replacing all the data there previously.

One item that will need updated beyond the copy/paste is to add any new current-year project numbers to the

Year-Over-Year CIP Change: this sheet will automatically calculate differences between the previous 10-year CIP and the current 10-year CIP, capturing project budgets that have increased/decreased or shifted in time. It also sub-totals new projects and existing projects to add context to what's driving changing costs. Ultimately, the sheet can be useful for leadership discussions, quickly showing which projects are contributing to additional funding needs.

The sheet is all formula-based and uses column A to lookup data for columns B-O. Column A is also formula-based and looks to the Current 10YR CIP's column A. Since it's all formula-driven, there's some maintenance

New Project Summary (Optional): to load this sheet input any newly added project #s to Column A and the remaining cells will fill. This sheet is useful for summarizing projects new to the CIP that year.

Leadership CIP Changes (Optional): this is a suggested format for documenting any changes to the CIP after an initial draft. This can be used for reference to communicate changes to project stakeholders and to show the work that was done during the budget process to prioritize projects, make difficult funding and timeline decisions, etc.

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	CITY OF GREELEY - WATER & SEWER 10-YEAR CIP 2024-2033														Revised July 10, 2024
2	Project Count: 136 • Project new to CIP this year														
3	WATER CONSTRUCTION														
4	Supply	Driver	Description	PM	2025 to 2034	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
5	Windy Gap Firming	Master Plan	Firms water rights for Greeley's Windy Gap u	Leah Hubbard	515,000	515,000									
6	Terry Ranch Water Development	Master Plan	An aquifer supply & storage project for long	Jim Paulson	46,080,000	19,045,000	160,000	17,595,000	110,000	9,170,000					
7	Poudre Ponds Site Restorations-Pond C	Master Plan	Fill Pond C, grade and reseed site to get relea	Ryan Duve	4,285,000	0	0	0	755,000	3,530,000		0			
8	Ogilvy and Lone Tree Bypass	Regulatory	Ogilvy ditch bypass structure.	Alex Tennant	902,500	902,500									
9	•29th Street Multifamily Regional Pump Station	Master Plan	New regional non-pot pump station as part of	Ryan Duve	2,681,000		0						2,681,000		
10	•Gallery Green Regional Pump Station	Master Plan	New regional non-pot pump station by Galle	Ryan Duve	2,329,000				0						2,329,000
11	•Cobblestone Regional Pump Station	Master Plan	New regional non-potable pump station by p	Ryan Duve	3,095,000			0						3,095,000	
12	•Drakes Crossing Area Conversion	Master Plan	Drakes Crossing Area Conversion from potab	Ryan Duve	104,000	0							104,000		
13	•Monfort Park Non-Pot System Expansion	Master Plan	8" pipeline within Monfort Park to supply no	Ryan Duve	468,000	468,000									
14	•Mosier Hill Area Conversion	Master Plan	Mosier Hill Area conversion from potable irri	Ryan Duve	1,596,000			0						1,596,000	
15	•Poudre Ponds Water Quality Improvements	Operations	Conduct study to reduce odors from Ponds A	Ryan Duve	430,000	0	0		100,000	330,000					
16	•SA-14 Shupe Regional NPPS	Master Plan	New regional non-potable pump station by p	Ryan Duve	4,421,000					0				4,421,000	
17	•Village Coop (Centerplace) Conversion	Master Plan	Extending Monfort Park and Greeley West p	Ryan Duve	2,100,000						2,100,000				
18	•University Acres Area Conversion	Master Plan	To extend non-potable water to three prop	Ryan Duve	273,000	0							273,000		
19	•Fox Hill Area Conversion	Master Plan	Fox Hill Area conversion from potable irrigat	Ryan Duve	1,216,000				0	0			1,216,000		
20	•Centennial Park Area Conversions	Master Plan	Non-potable system conversions along Cent	Ryan Duve	823,000		0				411,500	411,500			
21	•Irrigation Pump Station Upgrades	Operations	Upgrades to existing irrigation pump station	Ryan Duve	5,358,453	553,595	510,992	518,612	526,462	534,532	542,852	542,852	542,852	542,852	542,852
22	Centennial Park Non-Pot Pump Station	Master Plan	Non-potable pump station to serve Centenn	Ryan Duve	3,729,180	3,105,180	624,000								
23	Treatment														
24	Bellvue Residuals Gravity Thickener	Operations/MP	2nd residual gravity thickener for increased	Stephen Goodwir	8,000,000			0	0	520,000	7,480,000				
25	Bellvue 2mg Clear well	Operations/Reg.	Design and construct 2mg clearwell, piping,	Stephen Goodwir	5,040,000	5,040,000									
26	Transmission & Distribution														
27	Distribution Line Extension & Oversizing	Operations/MP	Development reimbursement for water line	Derek Hannon	1,644,000	161,000	163,000	165,000	165,000	165,000	165,000	165,000	165,000	165,000	165,000
28	Water Taps	Operations	City installed taps for new development or re	Keri Fishlock	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
29	New Construction Meters	Master Plan	City installed meters for new development (f	Adam Prior	450,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000
30	Non-Potable Waterline	Master Plan	Dependent on roadwork - install new non-po	Ryan Duve	13,077,893	1,500,000	1,050,000	1,102,500	1,157,625	1,215,506	1,276,282	1,340,096	1,407,100	1,477,455	1,551,328
31	35th Ave Non-Potable Waterline Ph II	Const. Coord/MP	Phase 2 to install a 24" non-potable pipeline	Ryan Duve	2,090,977		2,090,977								
32	•Zone 2 & North of River Storage Tank	Master Plan	Severance IGA, storage tank, and transmissi	Adam Prior	8,415,000	360,000	260,000			7,795,000					
33	Bellvue Pipeline Gold Hill	Master Plan	Gold Hill segment will allow gravity service t	Jim Paulson	1,170,000	574,000	581,000	15,000							
34	35th Avenue Water Line Extension F to O St	Master Plan	Water pipeline to be installed in advance of	Rebecca Andrus	2,950,000	130,000	2,820,000								
35	Bulk Water Stations	Operations	Installation of three new bulk water stations	Rebecca Andrus	310,000		310,000								
36	Water System Expansion for North Greeley	Master Plan	Waterline extensions on 59th, 71st, 83rd, 95	Rebecca Andrus	8,970,000	0	0	0	675,000	2,450,000	150,000	3,230,000	150,000	2,090,000	225,000
37	C Street Water Line Extension	Master Plan	Water line extension along C St from 66th A	Rebecca Andrus	422,500		422,500								
38	Zone 4 Additional 2MG Water Tower	Master Plan	2MG Water Tower adjacent to the existing W	Keri Fishlock	14,838,000									710,000	14,128,000
39	•New Vehicle and Equipment Purchases - Water	Operations	Purchase of new vehicles and equipment.	Virgil Pierce	1,986,000	861,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
40	•EV Charging Infrastructure - Water	Operations	Installation of Level 2 and Level 3 EV Chargin	Mathew Finch	136,000	0	32,000	32,000	72,000						
41	•Upper Equalizer	Master Plan	Construct pump station and pipeline connec	Ryan Duve	19,835,029	155,000	155,000	155,000					6,571,000	7,121,000	5,678,029
42	SUB-TOTAL WATER CONSTRUCTION				170.5M	33.5M	9.4M	19.8M	3.8M	26.0M	12.4M	5.9M	13.4M	21.5M	24.9M
43															
44	WATER CAPITAL REPLACEMENT														
45	Supply	Driver	Description	PM	2025 to 2034	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
46	Milton Seaman Outlet Works	Operations/Reg.	Replacement of Milton Seaman reservoir out	Ryan Duve	5,757,900	220,000	5,537,900								
47	Non-Potable Replacement and Rehabilitation	Maintenance	Maintenance and expansion of Greeley's exi	Ryan Duve	5,947,700	702,000	490,100	513,500	537,000	560,800	584,800	609,100	633,600	658,400	658,400
48	Ancillary system Improvements	Maintenance	Irrigation ditch system assessments and City	Ryan Duve	608,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	68,000	68,000
49	Bellvue Intake Maintenance Project Phase 2	Maintenance	Repair damages to Bellvue raw water intake	Stephen Goodwir	8,465,000			0	0	8,300,000	165,000				
50	Lake Loveland Tower Cover	Maintenance	Replace one fiberglass cover over the Lake L	Stephen Goodwir	290,000		0		290,000						
51	SCADA - High Mountain Reservoirs	Maintenance/Reg.	Upgrade SCADA for High Mountain Reservoir	Ryan Duve	143,000	143,000									
52	North Boomerang Non-Pot Pump Station Replacement	Master Plan	Pump station for North 9 at Boomerang GC,	Ryan Duve	3,665,000	3,665,000									
53	•Milton Seaman Caretaker House Upgrade	Maintenance	Refurbish or replace the Milton Seaman Dam	Ryan Duve	515,500	515,500									
54	•Grapevine Tailwater Pipeline Partial Replacement	Operations	Slip line the 12" Corrugated Metal Pipe cross	Ryan Duve	324,000	324,000									
55	Cottonwood Park Non-Potable Pond Lining	Operations	Install plastic pond liner within Cottonwood	Ryan Duve	1,533,200									1,533,200	
56	Treatment														
57	Boyd Process Improvements	Maintenance	Improvements to the treatment infrastru	Stephen Goodwir	23,100,000		100,000							23,000,000	
58	Boyd Sedimentation Basin Repair	Maintenance	Repair concrete erosion within the sediment	Stephen Goodwir	900,000		900,000								
59	Bellvue WTP General Rehab	Maintenance	General maintenance projects or unanticipa	Stephen Goodwir	6,585,000	585,000	640,000	670,000	670,000	670,000	670,000	670,000	670,000	670,000	670,000
60	Boyd WTP General Rehab	Maintenance	General maintenance projects or unanticipa	Stephen Goodwir	5,000,000	510,000	595,000	465,000	490,000	490,000	490,000	490,000	490,000	490,000	490,000
61	Boyd Pump Station Intake Valve	Master Plan	Replace a non functional intake valve at the	Stephen Goodwir	540,000		0	540,000							
62	Bellvue 20 MGD Treatment Trains-Ph. 2	Maintenance/MP	20 MGD replacement of the flocculation/sep	Stephen Goodwir	41,490,000									4,420,000	37,070,000
63	Bellvue Filter Media Replacement	Maintenance	Filter media analyzed for remaining absorpti	Stephen Goodwir	3,160,000	310,000	0	2,850,000							

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	CITY OF GREELEY - WATER & SEWER 10-YEAR CIP 2024-2033														
2	Project Count: 136 • Project new to CIP this year														
64	Bellvue Flocculator / Sedimentation Building Rehab	Maintenance	Upgrades for Bellvue buildings to repair and	Stephen Goodwir	1,362,500	731,250	631,250								
65	Bellvue Switchgear Replacement	Maintenance	Bellvue switchgear replacement	Mathew Finch	858,000	458,000	400,000								
66	•Bellvue and Boyd WTP Electrical Upgrade	Maintenance	Replace existing electrical equipment in the	Mathew Finch	3,880,000	100,000	200,000	240,000	360,000	940,000	600,000	240,000	600,000	360,000	240,000
67	Bellvue TB1 Repair and Mitigation	Maintenance	Correct construction defect at Bellvue WTP	Stephen Goodwir	4,500,000	4,500,000									
68	Transmission & Distribution														
69	Transmission System Rehab.	Maintenance	Replacement and rehabilitation of transmiss	Rebecca Andrus	16,810,000	2,131,000	1,441,000	2,131,000	1,291,000	1,981,000	1,291,000	1,981,000	1,291,000	1,981,000	1,291,000
70	Distribution Pipeline Replacements	Maintenance	Replaces lines based on leak history or increa	Rebecca Andrus	56,059,692	4,670,000	4,939,400	5,224,964	5,371,483	5,693,770	6,032,015	6,032,015	6,032,015	6,032,015	6,032,015
71	Advanced Metering Infrastructure (AMI)	Operations	AMI to facilitate water savings and improve	John Goin	345,000	345,000									
72	Treated Water Reservoir Rehabilitation	Maintenance	Maintenance and minor repairs to the treat	Keri Fishlock	3,920,150	426,770	340,970	241,970	241,470	994,370	334,920	334,920	334,920	334,920	334,920
73	Utility Billing Replacement - Water	Operations	Replacement of existing City CIS software sy	Erik Dial	1,000,000	1,000,000									
74	Instrumentation & Controls - Water	Operations	Maintains SCADA systems and control panel	Mathew Finch	2,010,000	201,000	201,000	201,000	201,000	201,000	201,000	201,000	201,000	201,000	201,000
75	Meter Replacement	Maintenance	Replace meters that become inaccurate or fa	John Goin	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
76	Valve Replacement	Maintenance	Replaces failed valves on system with over 1	Rebecca Andrus	4,668,500	355,000	390,000	427,000	472,500	526,500	499,500	499,500	499,500	499,500	499,500
77	Fire Hydrant Replacement	Maintenance	Replace hydrants that do not meet current c	Rebecca Andrus	3,840,000	240,000	300,000	360,000	420,000	420,000	420,000	420,000	420,000	420,000	420,000
78	Transmission Customers Re-Route	Operations	Existing transmission line customers moved	Adam Prior	1,250,000	0	250,000	0	250,000	0	250,000	0	250,000	0	250,000
79	23rd Ave Reservoir Replacement	Maintenance	Rerated water reservoir at 23rd Ave to repla	Jim Paulson	16,975,000	4,035,000	20,000							430,000	12,490,000
80	Mosier Reservoir Rehab and Optimization	Master Plan	Design and construction based on optimizati	Keri Fishlock	9,750,000	2,750,000	2,250,000	300,000	4,450,000	0					
81	9th and 10th Street Waterline Replacement	Master Plan	Install 8" waterline to replace the existing 4"	Rebecca Andrus	3,435,000	0	1,717,500	1,717,500							
82	Island Grove Park Waterline Replacement	Master Plan	Install 16" waterline to replace existing 8" or	Rebecca Andrus	1,763,000	138,000	1,625,000								
83	Transmission System Corrosion Protection	Maintenance	Repair and enhance the cathodic protection	Rebecca Andrus	2,008,800	283,800	365,000	365,000	365,000	280,000	150,000	50,000	50,000	50,000	50,000
84	Zone 4 Electrical Upgrade	Maintenance	Existing Zone 4 electrical system is at end of	Mathew Finch	350,000		350,000								
85	Transmission Line Replacement - Bellvue #1 and #2 - Sc	Operations	Relocation/Replace the Bellvue transmission	Rebecca Andrus	95,000	95,000	0								
86	Transmission Line Replacement - Bellvue #1 and #2 - Ca	Operations	Transmission line realignment: 4th Street an	Rebecca Andrus	8,912,150	4,037,900	0	0	430,000	4,444,250					
87	8th Avenue Waterline Replacement	Master Plan	Install new 8-12" waterline to replace the ex	Rebecca Andrus	3,628,000	0	270,000	2,232,000	0	1,126,000					
88	•14th Ave from 8th St to D st Waterline Replacement	Master Plan	Waterline replacement 14th Ave from 10th	Adam Prior	3,631,600									460,000	3,171,600
89	•LSIR - DWRF Funding	Regulatory	DWRF Loan funding for lead service line insp	Keri Fishlock	5,437,975	5,437,975									
90	•23rd Ave 4th St to 5th St	Master Plan	Replacement of distribution line at 23rd Ave	Adam Prior	1,563,020	1,563,020									
91	•20th St Waterline Replacement at UNC	Master Plan	Replacement 20" waterline and meter vault	Adam Prior	2,331,604	2,331,604	0								
92	•Waterline Replacement for Strategic Growth	Master Plan	Replace waterlines to support economic dev	Adam Prior	5,885,000	275,000		275,000		275,000	5,060,000				
93	Studies & Others														
94	Distribution System Model & Master Plan Update	Master Plan	Study to determine needed water distributio	Rebecca Andrus	900,000	291,000	591,000								
95	Water Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders	Virgil Pierce	12,801,100	912,153	1,568,111	1,461,587	1,460,532	1,530,932	1,647,687	1,403,518	1,067,450	331,556	1,027,568
96	Risk & Resiliency Projects	Master Plan	Risk mitigation projects per the 2020 Risk &	Adam Prior	1,026,600	0	0	741,600	285,000						
97	•Risk & Resiliency Study and Emergency Response Plan	Master Plan	Periodic update to the Risk & Resiliency Stud	Adam Prior	370,000	125,000					245,000				
98	Non-Potable Water Master Plan Update	Master Plan	Master Plan for non-potable systems	Adam Prior	324,000	324,000									
99	•EPA and State Regulation Driven Cybersecurity Upgrad	Regulatory	Upgrades to department cybersecurity and S	Matthew Finch	1,829,378	558,000	436,100	585,278	250,000						
100	SUB-TOTAL WATER CAPITAL REPLACEMENT														
101					291.9M	45.4M	26.7M	21.7M	18.0M	28.6M	18.8M	13.1M	12.7M	42.0M	65.0M
102	WATER RIGHTS ACQISITION														
103		Driver	Description	PM	2025 to 2034	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
104	Future Water Acquisition	Master Plan	Acquisition of additional water supplies for f	Cole Gustafson	74,400,000	10,990,000	6,245,000	6,440,000	6,645,000	6,835,000	7,035,000	7,235,000	7,445,000	7,655,000	7,875,000
105	•Water and Sewer History 2nd Ed	Operating	2nd Edition of the Water and Sewer History	Virgil Pierce	150,000	150,000									
106	Sustainable water conservation and demand managem	Master Plan	Life After Lawn	Dena Egenhoff	781,500	75,000	75,000	75,000	75,000	75,000	81,300	81,300	81,300	81,300	81,300
107	Non-tributary groundwater SLB Change Case	Master Plan	Change case for non-tributary groundwater	Leah Hubbard	8,500,000	7,600,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
108	Poudre Ponds Parcel B	Master Plan	Expansion of gravel water pit storage at the	Ryan Duve	1,435,000	199,000	1,236,000								
109	Water Supply and Storage Change Case	Master Plan	Change case to convert water rights from irr	Leah Hubbard	100,000	100,000									
110	Integrated Water Resources Plan Update	Master Plan	Periodic update to the 2023 Integrated Wate	Kelen Dowdy	300,000				300,000						
111	NISP Response and Management	Maintenance	Greeley response to Northern Integrated Sup	Kelen Dowdy	385,000	385,000									
112	Big Thompson Source Water Assessment and Protectio	Maintenance	Multi-year collaborative effort to protect Gr	Michaela Jackson	8,000				8,000						
113	Poudre Basin Model Update		Update of the PBM for simulated water supp	Kelen Dowdy	200,000			200,000							
114	Interruptible Supply/ATM	Master Plan	Planning for interruptible supply project	Alex Tennant	2,445,000	895,000	0	775,000		775,000					
115	•City of Greeley and United States Forest Service Land	Exchange	Coordinate with USFS for a land exchange of	Cole Gustafson	150,000	20,000	25,000	30,000	35,000	40,000					
116	Overland Trail Gravel Pits	Master Plan	Greeley and Tri-Districts partnership for app	Leah Hubbard	5,760,000	70,000	70,000	70,000	70,000	70,000	1,020,000	1,330,000	1,020,000	1,020,000	1,020,000
117	SUB-TOTAL WATER RIGHTS ACQUISITION														
118					94.6M	20.5M	7.8M	7.7M	7.2M	7.9M	8.2M	8.7M	8.6M	8.9M	9.1M
119	WATER TOTAL														
					557.0M	99.4M	43.9M	49.2M	29.0M	62.4M	39.4M	27.8M	34.7M	72.3M	99.0M

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	CITY OF GREELEY - WATER & SEWER 10-YEAR CIP 2024-2033 Revised July 10, 2024														
2	Project Count: 136 • Project new to CIP this year														
120															
121	SEWER CONSTRUCTION														
122	Collection	Driver	Description	PM	2025 to 2034	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
123	Sanitary Sewer Manholes & Taps	Operations	Manholes added for operation and mainten	John Goin	790,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000
124	N. Greeley Sewer Phase IIA	Master Plan	Provides service north of the Poudre River ar	John Goin	77,000	35,000	14,000	14,000	14,000						
125	Collection Line Extension and Oversizing	Operations	Expansion of the wastewater collection syste	John Goin	410,000			410,000							
126	Lift Station 9	Master Plan	Growth driven capital project identified in th	John Goin	12,740,000		1,600,000	5,320,000	5,820,000						
127	•County Rd 17 West Greeley Interceptor	Master Plan	Construction of 16,000 LF of 18" sewer main	John Goin	12,940,000	770,000	12,170,000	0							
128	•New Vehicle and Equipment Purchases - Wastewater	Operations	Purchase of new vehicles and equipment	Virgil Pierce	900,000	270,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
129	•EV Charger Installations - Wastewater	Operations	Installation of new EV charging stations	Mathew Finch	32,000			32,000	0						
130	Lift Station 9 Flow Diversion	Master Plan	Construction of 11,200 LF of 21" gravity sew	John Goin	9,435,000		120,000	1,015,000	8,300,000						
131	Treatment														
132	WTRF Capacity Expansion	Master Plan	Increase total treatment capacity for loads a	Cadee Oakleaf	17,475,000										17,475,000
133	•WTRF Odor Control	Operations	Design and construction of odor control mea	Cadee Oakleaf	11,440,000	345,000	2,390,000	10,000		0	934,000	2,587,000	2,587,000	2,587,000	
134	SUB-TOTAL SEWER CONSTRUCTION				66.2M	1.5M	16.4M	7.0M	14.3M	149.0K	1.1M	2.7M	2.7M	2.7M	17.6M
135															
136	SEWER CAPITAL REPLACEMENT														
137	Collection	Driver	Description	PM	2025 to 2034	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
138	Trenchless Main and Collector Rehab	Maintenance	Cured in place pipe repair of sanitary system	John Goin	6,000,000	420,000	620,000	620,000	620,000	620,000	620,000	620,000	620,000	620,000	620,000
139	Highland Hills 47th Ave Sewer Capacity	Master Plan	Increase capacity in the existing 8" sewer line	John Goin	3,050,000	3,050,000									
140	Sewer Collection System Rehabilitation	Maintenance	Lines smaller than 6" identified for replacem	John Goin	3,802,000	476,000	495,000	556,000	325,000	325,000	325,000	325,000	325,000	325,000	325,000
141	Wastewater Flow Monitoring Program	Maintenance	Install flow meters on trunk lines for flow m	John Goin	900,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000
142	8th Ave Sewer Storm MH Conflict	Maintenance	Replacement of two pipes currently flow thr	John Goin	610,000	140,000	470,000								
143	Highland Hills Bittersweet Sewer Capacity	Master Plan	Upsize approximately 2,300 feet of sewer m	John Goin	1,380,000	0	1,380,000								
144	Highland Hills 35th Ave Sewer Capacity	Master Plan	Upsize approximately 1,800 feet of sewer m	John Goin	1,590,000	1,590,000									
145	Central 16th St Sewer Replacement	Master Plan	Upsizing sewer main across Greeley Central'	John Goin	1,525,000		0	255,000		1,270,000					
146	North Poudre RR Sewer Phase I	Master Plan	Deficiency driven capital project identified in	John Goin	8,370,000		0	0		1,000,000	7,370,000				
147	•Stampede Arena Sewer Improvement	Operations	Sewer main realignment 1,000' new 8" along	John Goin	625,000		70,000	555,000							
148	•Garden City Sewer Capacity Improvement	Operations	Upsize or steepening critical lines located be	John Goin	1,380,000		210,000	1,170,000							
149	•Collections Replacement for Strategic Growth	Master Plan	Replacement projects to facilitate strategic g	Adam Prior	4,580,000				520,000		4,060,000				
150	Treatment														
151	General Rehabilitation Projects	Maintenance	Small or unanticipated maintenance projects	Cadee Oakleaf	4,541,000	665,000	643,000	786,000	421,000	421,000	321,000	321,000	321,000	321,000	321,000
152	WTRF Blower Replacement Phase 2	Master Plan	Replacing expiring and aged out blowers use	Cadee Oakleaf	7,685,000				900,000	6,715,000	70,000				
153	Instrumentation & Controls - Wastewater	Operations	Maintains SCADA systems and control panel	Mathew Finch	2,378,000	237,800	237,800	237,800	237,800	237,800	237,800	237,800	237,800	237,800	237,800
154	WTRF Regulatory Support	Regulatory	Study effluent temperature issues for possib	Cadee Oakleaf	610,000	55,000	57,000	59,000	61,000	63,000	63,000	63,000	63,000	63,000	63,000
155	WTRF Primary Treatment-Phase II	Maintenance/MP	Repairs existing three primary clarifiers built	Cadee Oakleaf	1,000,000	400,000	300,000	300,000							
156	WTRF Secondary Clarifier Upgrades	Master Plan	Upgrades to secondary clarifier tanks	Cadee Oakleaf	12,891,475		0	1,128,000	2,958,000	5,788,000	2,967,475	50,000			
157	WTRF Secondary Digesters Rehabilitation	Master Plan	Rehabilitation of secondary digesters	Cadee Oakleaf	2,517,000	357,000	2,140,000	20,000							
158	•WTRF Electrical Rehabilitation	Maintenance	Replacement of end of life electrical compon	Matthew Finch	8,183,000	986,000	402,000	1,914,000	1,110,000	487,000	1,002,000	1,398,000	464,000	420,000	
159	WTRF Regulation 31 Improvements	Master Plan	Rehab projects needed to meet regulation 3	Cadee Oakleaf	7,255,000								0	0	7,255,000
160	Studies & Others														
161	Balsam Ave and LS9 Capacity Assessment	Master Plan	The Masterplan identified deficiencies in the	John Goin	130,000	130,000									
162	Sewer Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders	Virgil Pierce	4,195,953	248,337	1,042,477	767,639	1,285,246	282,173	169,495	50,000	50,000	50,000	250,586
163	Sanitary Sewer Master Plan Update	Master Plan	Master plan update for city sewer system du	John Goin	901,000	150,000		751,000							
164	Wastewater Treatment Master Plan Update	Master Plan	WTRF Master Plan updates	Cadee Oakleaf	2,680,000	70,000	965,000	70,000				1,505,000	70,000		
165	•Risk & Resiliency Study and Emergency Response Plan	Master Plan	Periodic update to the Risk & Resiliency Stud	Adam Prior	245,000	245,000									
166	•EPA and State Regulation Driven Cybersecurity Upgrad	Regulatory	Upgrades to department cybersecurity and S	Adam Prior	1,134,000	0	0	100,000	784,000	250,000					
167	SUB-TOTAL SEWER CAPITAL REPLACEMENT				90.2M	9.3M	9.1M	9.4M	9.3M	17.5M	17.3M	4.7M	2.2M	2.1M	9.2M
168															
169	SEWER TOTAL				156.4M	10.8M	25.6M	16.3M	23.6M	17.7M	18.4M	7.4M	5.0M	4.9M	26.8M
170															
171	WATER AND SEWER COMBINED TOTAL				713.4M	110.2M	69.4M	65.5M	52.6M	80.1M	57.8M	35.1M	39.7M	77.2M	125.8M

WATER CONSTRUCTION													
Supply	Driver	Description	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Windy Gap Firming	Master Plan	Firms water rights for Greeley's Windy Gap units	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Terry Ranch Water Development	Master Plan	An aquifer supply & storage project for long term water storage needs	+ 9,125,000	(135,000)	+ 85,000	(20,000)	+ 25,000	+ 9,170,000	+ 0	+ 0	+ 0	+ 0	+ 0
Poudre Ponds Site Restorations-Pond C	Master Plan	Fill Pond C, grade and reseed site to get released from the DRMS mining permit	(1,446,850)	(115,600)	(2,816,250)	(2,800,000)	+ 755,000	+ 3,530,000	+ 0	+ 0	+ 0	+ 0	+ 0
Ogilvy and Lone Tree Bypass	Regulatory	Ogilvy ditch bypass structure.	+ 902,500	+ 902,500	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•29th Street Multifamily Regional Pump Station	Master Plan	New regional non-pot pump station as part of the 29th St Multifamily Development	+ 2,681,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 2,681,000	+ 0	+ 0
•Gallery Green Regional Pump Station	Master Plan	New regional non-pot pump station by Gallery Green and Hope Springs Development	+ 2,329,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 2,329,000
•Cobblestone Regional Pump Station	Master Plan	New regional non-potable pump station by private development as part of the Cobblestone Sub	+ 3,095,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 3,095,000	+ 0
•Drakes Crossing Area Conversion	Master Plan	Drakes Crossing Area Conversion from potable irrigation to non-potable irrigation	+ 104,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 104,000	+ 0	+ 0
•Monfort Park Non-Pot System Expansion	Master Plan	8" pipeline within Monfort Park to supply non-pot water to Centerplace for conversion	+ 468,000	+ 468,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Mosier Hill Area Conversion	Master Plan	Mosier Hill Area conversion from potable irrigation to non-potable irrigation	+ 1,596,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 1,596,000	+ 0
•Poudre Ponds Water Quality Improvements	Operations	Conduct study to reduce odors from Ponds A and B at the Poudre Ponds site	+ 430,000	+ 0	+ 0	+ 0	+ 100,000	+ 330,000	+ 0	+ 0	+ 0	+ 0	+ 0
•SA-14 Shupe Regional NPPS	Master Plan	New regional non-potable pump station by private development at the Shupe Brothers property	+ 4,421,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 4,421,000	+ 0
•Village Coop (Centerplace) Conversion	Master Plan	Extending Monfort Park and Greeley West pump stations into Centerplace for non-pot irrigation	+ 2,100,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 2,100,000	+ 0	+ 0	+ 0	+ 0
•University Acres Area Conversion	Master Plan	To extend non-potable water to three properties located at University Acres	+ 273,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 273,000	+ 0	+ 0
•Fox Hill Area Conversion	Master Plan	Fox Hill Area conversion from potable irrigation to non-potable irrigation	+ 1,216,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 1,216,000	+ 0	+ 0
•Centennial Park Area Conversions	Master Plan	Non-potable system conversions along Centennial Park	+ 823,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 411,500	+ 411,500	+ 0	+ 0	+ 0
•Irrigation Pump Station Upgrades	Operations	Upgrades to existing irrigation pump stations	+ 5,358,453	+ 553,595	+ 510,992	+ 518,612	+ 526,462	+ 534,532	+ 542,852	+ 542,852	+ 542,852	+ 542,852	+ 542,852
Centennial Park Non-Pot Pump Station	Master Plan	Non-potable pump station to serve Centennial Park and surrounding properties	+ 1,130,180	+ 3,105,180	(1,975,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Treatment													
Bellvue Residuals Gravity Thickener	Operations/MP	2nd residual gravity thickener for increased capacity & demand	(107,000)	+ 0	+ 0	(1,260,000)	(6,847,000)	+ 520,000	+ 7,480,000	+ 0	+ 0	+ 0	+ 0
Bellvue 2mg Clear well	Operations/Reg.	Design and construct 2mg clearwell, piping, and chemical injection in tandem with the existing	(15,000)	(15,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Transmission & Distribution													
Distribution Line Extension & Oversizing	Operations/MP	Development reimbursement for water line oversizing	+ 162,180	(280)	(300)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	+ 165,000
Water Taps	Operations	City installed taps for new development or removing compound taps	+ 75,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 75,000
New Construction Meters	Master Plan	City installed meters for new development (reimbursed)	+ 45,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 45,000
Non-Potable Waterline	Master Plan	Dependent on roadwork - install new non-potable line, 83rd Avenue alignment	(9,451,659)	+ 1,490,000	(678,500)	(6,881,995)	(11,648,932)	+ 1,215,506	+ 1,276,282	+ 1,340,096	+ 1,407,100	+ 1,477,455	+ 1,551,328
35th Ave Non-Potable Waterline Ph II	Const. Coord/MP	Phase 2 to install a 24" non-potable pipeline as part of the 35th Ave project	(16,898)	+ 0	(16,898)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Zone 2 & North of River Storage Tank	Master Plan	Severance IGA, storage tank, and transmission line for north of the Poudre River	+ 8,415,000	+ 360,000	+ 260,000	+ 0	+ 0	+ 7,795,000	+ 0	+ 0	+ 0	+ 0	+ 0
Bellvue Pipeline Gold Hill	Master Plan	Gold Hill segment will allow gravity service to Gold Hill.	(15,407,000)	(7,658,000)	(7,724,000)	(25,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
35th Avenue Water Line Extension F to O St	Master Plan	Water pipeline to be installed in advance of City and County roadway projects	+ 17,900	+ 15,000	+ 2,900	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Bulk Water Stations	Operations	Installation of three new bulk water stations to replace hydrant meters	+ 310,000	+ 0	+ 310,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Water System Expansion for North Greeley	Master Plan	Waterline extensions on 59th, 71st, 83rd, 95th Avenues to O Street	(2,580,800)	(655,000)	(2,454,000)	(130,000)	(2,566,800)	+ 2,320,000	(1,940,400)	+ 3,025,000	(2,364,600)	+ 1,960,000	+ 225,000
C Street Water Line Extension	Master Plan	Water line extension along C St from 66th Ave to 59th Ave	(3,750)	+ 0	(3,750)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Zone 4 Additional 2MG Water Tower	Master Plan	2MG Water Tower adjacent to the existing Water Tower at Gold Hill	+ 14,138,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 10,000	+ 14,128,000
•New Vehicle and Equipment Purchases - Water	Operations	Purchase of new vehicles and equipment.	+ 1,986,000	+ 861,000	+ 125,000	+ 125,000	+ 125,000	+ 125,000	+ 125,000	+ 125,000	+ 125,000	+ 125,000	+ 125,000
•EV Charging Infrastructure - Water	Operations	Installation of Level 2 and Level 3 EV Charging Stations	+ 136,000	+ 0	+ 32,000	+ 32,000	+ 72,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Upper Equalizer	Master Plan	Construct pump station and pipeline connections to existing pipeline to water from Poudre River	+ 19,835,029	+ 155,000	+ 155,000	+ 155,000	+ 0	+ 0	+ 0	+ 0	+ 6,571,000	+ 7,121,000	+ 5,678,029
WATER CONSTRUCTION TOTAL			+ 52.1M	- 668,605	- 14,187,806	- 10,286,703	- 19,459,590	+ 25.5M	+ 10.0M	+ 5.4M	+ 10.6M	+ 20.3M	+ 24.9M
NEW PROJECTS ONLY			+ 55.3M	+ 2.4M	+ 1.1M	+ 830.6K	+ 823.5K	+ 8.8M	+ 3.2M	+ 1.1M	+ 11.5M	+ 16.9M	+ 8.7M
EXISTING PROJECTS ONLY			- 3,123,197	- 3,066,200	- 15,270,798	- 11,117,315	- 20,283,052	+ 16.8M	+ 6.8M	+ 4.4M	- 957,820	+ 3.4M	+ 16.2M

WATER CAPITAL REPLACEMENT													
Supply	Driver	Description	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Milton Seaman Outlet Works	Operations/Reg.	Replacement of Milton Seaman reservoir outlet gates	(5,000)	(5,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Non-Potable Replacement and Rehabilitation	Maintenance	Maintenance and expansion of Greeley's existing non-potable irrigation system	+ 658,400	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 658,400
Ancillary system Improvements	Maintenance	Irrigation ditch system assessments and City maintenance	+ 68,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 68,000
Bellvue Intake Maintenance Project Phase 2	Maintenance	Repair damages to Bellvue raw water intake structure	+ 90,000	+ 0	+ 0	(8,255,000)	(120,000)	+ 8,300,000	+ 165,000	+ 0	+ 0	+ 0	+ 0
Lake Loveland Tower Cover	Maintenance	Replace one fiberglass cover over the Lake Loveland intake tower	+ 20,000	+ 0	(270,000)	+ 0	+ 290,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
SCADA - High Mountain Reservoirs	Maintenance/Reg.	Upgrade SCADA for High Mountain Reservoirs to meet upgraded regulations	+ 5,000	+ 5,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
North Boomerang Non-Pot Pump Station Replacement	Master Plan	Pump station for North 9 at Boomerang GC, total replacement and upsizing	+ 30,000	+ 30,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Milton Seaman Caretaker House Upgrade	Maintenance	Refurbish or replace the Milton Seaman Dam Caretaker house	+ 515,500	+ 515,500	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Grapevine Tailwater Pipeline Partial Replacement	Operations	Slip line the 12" Corrugated Metal Pipe crossing 10th St, and construct a new lateral to NBCE's i	+ 324,000	+ 324,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Cottonwood Park Non-Potable Pond Lining	Operations	Install plastic pond liner within Cottonwood Pond	+ 1,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 1,000	+ 0
Treatment													
Boyd Process Improvements	Maintenance	Improvements to the treatment infrastructure at the Boyd Lake plant	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Boyd Sedimentation Basin Repair	Maintenance	Repair concrete erosion within the sedimentation basins	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Bellvue WTP General Rehab	Maintenance	General maintenance projects or unanticipated rehab	+ 895,000	+ 25,000	+ 25,000	+ 25,000	+ 25,000	+ 25,000	+ 25,000	+ 25,000	+ 25,000	+ 25,000	+ 670,000
Boyd WTP General Rehab	Maintenance	General maintenance projects or unanticipated rehab	+ 625,000	+ 15,000	+ 15,000	+ 15,000	+ 15,000	+ 15,000	+ 15,000	+ 15,000	+ 15,000	+ 15,000	+ 490,000
Boyd Pump Station Intake Valve	Master Plan	Replace a non functional intake valve at the Boyd Lake pump station	+ 20,000	+ 0	(520,000)	+ 540,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Bellvue 20 MGD Treatment Trains-Ph. 2	Maintenance/MP	20 MGD replacement of the flocculation/sedimentation and 58/64 filters (TB2)	+ 37,080,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 10,000	+ 37,070,000
Bellvue Filter Media Replacement	Maintenance	Filter media analyzed for remaining absorption, and if necessary replaced	+ 70,000	+ 20,000	(2,800,000)	+ 2,850,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Bellvue Flocculator / Sedimentation Building Rehab	Maintenance	Upgrades for Bellvue buildings to repair and reduce corrosion on components	+ 375,000	+ 187,500	+ 187,500	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Bellvue Switchgear Replacement	Maintenance	Bellvue switchgear replacement	+ 388,000	+ 288,000	+ 100,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Bellvue and Boyd WTP Electrical Upgrade	Maintenance	Replace existing electrical equipment in the chemical building, sludge building, and BEN	+ 3,880,000	+ 100,000	+ 200,000	+ 240,000	+ 360,000	+ 940,000	+ 600,000	+ 240,000	+ 600,000	+ 360,000	+ 240,000
Bellvue TB1 Repair and Mitigation	Maintenance	Correct construction defect at Bellvue WTP	+ 4,500,000	+ 4,500,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Transmission & Distribution													
Transmission System Rehab.	Maintenance	Replacement and rehabilitation of transmission lines	+ 7,396,000	+ 1,085,000	+ 395,000	+ 1,085,000	+ 245,000	+ 935,000	+ 245,000	+ 935,000	+ 245,000	+ 935,000	+ 1,291,000
Distribution Pipeline Replacements	Maintenance	Replaces lines based on leak history or increase size	+ 37,306,692	+ 2,346,000	+ 2,805,400	+ 3,505,964	+ 3,275,483	+ 3,597,770	+ 3,936,015	+ 3,936,015	+ 3,936,015	+ 3,936,015	+ 6,032,015
Advanced Metering Infrastructure (AMI)	Operations	AMI to facilitate water savings and improve customer communication	(440,000)	(440,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Treated Water Reservoir Rehabilitation	Maintenance	Maintenance and minor repairs to the treated water reservoirs	+ 1,176,650	(8,730)	+ 61,470	+ 34,470	(632,030)	+ 804,870	+ 145,420	+ 145,420	+ 145,420	+ 145,420	+ 334,920
Utility Billing Replacement - Water	Operations	Replacement of existing City CIS software system	+ 1,000,000	+ 1,000,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Instrumentation & Controls - Water	Operations	Maintains SCADA systems and control panels	+ 246,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 201,000
Meter Replacement	Maintenance	Replace meters that become inaccurate or failing	(150,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	+ 75,000
Valve Replacement	Maintenance	Replaces failed valves on system with over 12,000 valves	+ 2,508,500	+ 115,000	+ 150,000	+ 187,000	+ 232,500	+ 286,500	+ 259,500	+ 259,500	+ 259,500	+ 259,500	+ 499,500
Fire Hydrant Replacement	Maintenance	Replace hydrants that do not meet current city standards	+ 420,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 420,000
Transmission Customers Re-Route	Operations	Existing transmission line customers moved to other water providers	(1,000,000)	(250,000)	+ 0	(250,000)	+ 0	(250,000)	+ 0	(250,000)	+ 0	(250,000)	+ 250,000
23rd Ave Reservoir Replacement	Maintenance	Rerated water reservoir at 23rd Ave to replace reservoirs taken out of service	+ 4,005,000	+ 4,025,000	+ 20,000	+ 0	+ 0	+ 0	+ 0	+ 0	(415,000)	(12,115,000)	+ 12,490,000
Mosier Reservoir Rehab and Optimization	Master Plan	Design and construction based on optimization study completed in 2023	+ 1,625,000	(5,325,000)	+ 2,225,000	+ 275,000	+ 4,450,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
9th and 10th Street Waterline Replacement	Master Plan	Install 8" waterline to replace the existing 4" on 9th and 10th Streets	+ 30,000	(1,702,500)	+ 15,000	+ 1,717,500	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Island Grove Park Waterline Replacement	Master Plan	Install 16" waterline to replace existing 8" on D Street from 11th to 14th Ave	(5,520)	+ 0	(5,520)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Transmission System Corrosion Protection	Maintenance	Repair and enhance the cathodic protection system in the transmission system	+ 35,900	(359,100)	+ 5,000	+ 5,000	+ 5,000	+ 230,000	+ 100,000	+ 0	+ 0	+ 0	+ 50,000
Zone 4 Electrical Upgrade	Maintenance	Existing Zone 4 electrical system is at end of life and needs to be replaced	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Transmission Line Replacement - Bellvue #1 and #2	Operations	Relocation/Replace the Bellvue transmission lines #1 and #2	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Transmission Line Replacement - Bellvue #1 and #2	Operations	Transmission line realignment: 4th Street and 89th Ave to the Poudre River	+ 255,000	+ 40,000	(140,000)	(4,404,250)	+ 315,000	+ 4,444,250	+ 0	+ 0	+ 0	+ 0	+ 0
8th Avenue Waterline Replacement	Master Plan	Install new 8-12" waterline to replace the existing 4-12" mainline on 8th Ave	+ 676,800	(113,200)	(676,000)	+ 1,286,000	(946,000)	+ 1,126,000	+ 0	+ 0	+ 0	+ 0	+ 0
•14th Ave from 8th St to D st Waterline Replacement	Master Plan	Waterline replacement 14th Ave from 10th St to D st.	+ 3,631,600	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 460,000	+ 3,171,600
•LSIR - DWRF Funding	Regulatory	DWRF Loan funding for lead service line inspections and replacements	+ 5,437,975	+ 5,437,975	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•23rd Ave 4th St to 5th St	Master Plan	Replacement of distribution line at 23rd Ave and 4st.	+ 1,563,020	+ 1,563,020	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•20th St Waterline Replacement at UNC	Master Plan	Replacement 20" waterline and meter vault serving UNC at the Osteopathic Medical School	+ 2,331,604	+ 2,331,604	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Waterline Replacement for Strategic Growth	Master Plan	Replace waterlines to support economic development and strategic growth in Greeley	+ 5,885,000	+ 275,000	+ 0	+ 275,000	+ 0	+ 275,000	+ 5,060,000	+ 0	+ 0	+ 0	+ 0
Studies & Others													
Distribution System Model & Master Plan Update	Master Plan	Study to determine needed water distribution system improvements	(18,000)	+ 1,000	(19,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Water Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders, etc.	+ 3,605,168	(887,326)	(302,725)	(519,140)	+ 343,634	+ 1,033,258	+ 1,058,057	+ 970,516	+ 915,851	(34,525)	+ 1,027,568
Risk & Resiliency Projects	Master Plan	Risk mitigation projects per the 2020 Risk & Resiliency Assessment	+ 109,100	(637,500)	(280,000)	+ 741,600	+ 285,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Risk & Resiliency Study and Emergency Response	Master Plan	Periodic update to the Risk & Resiliency Study evaluating water systems risks	+ 370,000	+ 125,000	+ 0	+ 0	+ 0	+ 0	+ 245,000	+ 0	+ 0	+ 0	+ 0
Non-Potable Water Master Plan Update	Master Plan	Master Plan for non-potable systems	(1,000)	(1,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•EPA and State Regulation Driven Cybersecurity Up	Regulatory	Upgrades to department cybersecurity and SCADA systems required to comply with regulations	+ 1,829,378	+ 558,000	+ 436,100	+ 585,278	+ 250,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
WATER CAPITAL REPLACEMENT TOTAL			+ 129.4M	+ 15.2M	+ 1.6M	- 80,578	+ 8.4M	+ 21.7M	+ 11.8M	+ 6.3M	+ 5.7M	- 6,272,590	+ 65.0M
NEW PROJECTS ONLY			+ 25.8M	+ 11.2M	+ 636.1K	+ 1.1M	+ 610.0K	+ 1.2M	+ 5.9M	+ 240.0K	+ 600.0K	+ 820.0K	+ 3.4M
EXISTING PROJECTS ONLY			+ 103.6M	+ 3.9M	+ 971.1K	- 1,180,856	+ 7.8M	+ 20.5M	+ 5.9M	+ 6.0M	+ 5.1M	- 7,092,590	+ 61.6M

WATER RIGHTS ACQISITION													
	Driver	Description	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Future Water Acquisition	Master Plan	Acquisition of additional water supplies for future use	+ 2,300,000	+ 4,190,000	(855,000)	(960,000)	(1,055,000)	(1,165,000)	(1,265,000)	(1,365,000)	(1,455,000)	(1,645,000)	+ 7,875,000
•Water and Sewer History 2nd Ed	Operating	2nd Edition of the Water and Sewer History	+ 150,000	+ 150,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Sustainable water conservation and demand management	Master Plan	Life After Lawn	(730,200)	(85,200)	(88,500)	(91,800)	(95,200)	(95,200)	(88,900)	(88,900)	(88,900)	(88,900)	+ 81,300
Non-tributary groundwater SLB Change Case	Master Plan	Change case for non-tributary groundwater right in the Laramie aquifer	+ 8,350,000	+ 7,550,000	+ 0	+ 100,000	+ 100,000	+ 100,000	+ 100,000	+ 100,000	+ 100,000	+ 100,000	+ 100,000
Poudre Ponds Parcel B	Master Plan	Expansion of gravel water pit storage at the Poudre Ponds complex	+ 1,110,000	+ 5,000	+ 1,105,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Water Supply and Storage Change Case	Master Plan	Change case to convert water rights from irrigation to municipal use	+ 100,000	+ 100,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Integrated Water Resources Plan Update	Master Plan	Periodic update to the 2023 Integrated Water Resource Plan	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
NISP Response and Management	Maintenance	Greeley response to Northern Integrated Supply Project (NISP)	+ 385,000	+ 385,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Big Thompson Source Water Assessment and Protection	Maintenance	Multi-year collaborative effort to protect Greeley's Big Thompson watershed	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Poudre Basin Model Update	Master Plan	Update of the PBM for simulated water supply infrastructure and operations	No Change	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Interruptible Supply/ATM	Master Plan	Planning for interruptible supply project	No Change	+ 0	(775,000)	+ 0	+ 0	+ 775,000	+ 0	+ 0	+ 0	+ 0	+ 0
•City of Greeley and United States Forest Service Land Exchange	0	Coordinate with USFS for a land exchange of property in the Roosevelt National Forest	+ 150,000	+ 20,000	+ 25,000	+ 30,000	+ 35,000	+ 40,000	+ 0	+ 0	+ 0	+ 0	+ 0

W&S 10 Year CIP: Change from last year

Revised July 10, 2024

Overland Trail Gravel Pits	Master Plan	Greeley and Tri-Districts partnership for approximately 2,350 ac-ft. storage	+ 2,620,000	+ 35,000	+ 35,000	+ 35,000	+ 35,000	(930,000)	(980,000)	+ 1,330,000	+ 1,020,000	+ 1,020,000	+ 1,020,000	
WATER RIGHTS ACQUISITION TOTAL			+ 14.4M	+ 12.3M	- 553,500	- 886,800	- 980,200	- 1,275,200	- 2,233,900	- 23,900	- 423,900	- 613,900	+ 9.1M	
NEW PROJECTS ONLY			+ 300.0K	+ 170.0K	+ 25.0K	+ 30.0K	+ 35.0K	+ 40.0K	0	0	0	0	0	
EXISTING PROJECTS ONLY			+ 14.1M	+ 12.2M	- 578,500	- 916,800	- 1,015,200	- 1,315,200	- 2,233,900	- 23,900	- 423,900	- 613,900	+ 9.1M	
WATER TOTAL			TOTAL	+ 195.9M	+ 26.8M	- 13,134,081	- 11,254,081	- 12,066,203	+ 46.0M	+ 19.6M	+ 11.7M	+ 15.8M	+ 13.5M	+ 99.0M
			NEW PROJECTS ONLY	+ 81.3M	+ 13.8M	+ 1.7M	+ 2.0M	+ 1.5M	+ 10.0M	+ 9.1M	+ 1.3M	+ 12.1M	+ 17.7M	+ 12.1M
			EXISTING PROJECTS ONLY	+ 114.6M	+ 13.0M	- 14,878,173	- 13,214,971	- 13,534,665	+ 36.0M	+ 10.5M	+ 10.4M	+ 3.7M	- 4,259,355	+ 86.9M

SEWER CONSTRUCTION													
Collection	Driver	Description	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Sanitary Sewer Manholes & Taps	Operations	Manholes added for operation and maintenance benefits	+ 79,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 79,000
N. Greeley Sewer Phase IIA	Master Plan	Provides service north of the Poudre River and along HWY 85	+ 50,000	+ 20,000	+ 2,000	+ 14,000	+ 14,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Collection Line Extension and Oversizing	Operations	Expansion of the wastewater collection system for its long term growth region	+ 100,000	+ 0	+ 0	+ 100,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Lift Station 9	Master Plan	Growth driven capital project identified in the 2020 sewer collection master plan.	+ 420,000	+ 0	+ 0	+ 465,000	(45,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•County Rd 17 West Greeley Interceptor	Master Plan	Construction of 16,000 LF of 18" sewer main along WCR 17, from Hwy 34 to Windsor	+ 12,940,000	+ 770,000	+ 12,170,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•New Vehicle and Equipment Purchases - Wastewater	Operations	Purchase of new vehicles and equipment	+ 900,000	+ 270,000	+ 70,000	+ 70,000	+ 70,000	+ 70,000	+ 70,000	+ 70,000	+ 70,000	+ 70,000	+ 70,000
•EV Charger Installations - Wastewater	Operations	Installation of new EV charging stations	+ 32,000	+ 0	+ 0	+ 32,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Lift Station 9 Flow Diversion	Master Plan	Construction of 11,200 LF of 21" gravity sewer main from current LS9 to east and north	+ 485,000	+ 0	+ 0	+ 0	+ 485,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Treatment													
WTRF Capacity Expansion	Master Plan	Increase total treatment capacity for loads and flows through the WTRF.	+ 17,475,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 17,475,000
•WTRF Odor Control	Operations	Design and construction of odor control measures at WTRF	+ 11,440,000	+ 345,000	+ 2,390,000	+ 10,000	+ 0	+ 0	+ 934,000	+ 2,587,000	+ 2,587,000	+ 2,587,000	+ 0
SEWER CONSTRUCTION TOTAL			+ 43.9M	+ 1.4M	+ 14.6M	+ 691.0K	+ 524.0K	+ 70.0K	+ 1.0M	+ 2.7M	+ 2.7M	+ 2.7M	+ 17.6M
NEW PROJECTS ONLY			+ 25.3M	+ 1.4M	+ 14.6M	+ 112.0K	+ 70.0K	+ 70.0K	+ 1.0M	+ 2.7M	+ 2.7M	+ 2.7M	+ 70.0K
EXISTING PROJECTS ONLY			+ 18.6M	+ 20.0K	+ 2.0K	+ 579.0K	+ 454.0K	0	0	0	0	0	+ 17.6M

SEWER CAPITAL REPLACEMENT													
Collection	Driver	Description	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Trenchless Main and Collector Rehab	Maintenance	Cured in place pipe repair of sanitary system	+ 620,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 620,000
Highland Hills 47th Ave Sewer Capacity	Master Plan	Increase capacity in the existing 8" sewer line in 47th Ave	+ 500,000	+ 500,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Sewer Collection System Rehabilitation	Maintenance	Lines smaller than 6" identified for replacement and system rehab	+ 327,000	+ 1,000	+ 0	+ 1,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 325,000
Wastewater Flow Monitoring Program	Maintenance	Install flow meters on trunk lines for flow monitoring	+ 560,000	+ 5,000	+ 5,000	+ 5,000	+ 5,000	+ 90,000	+ 90,000	+ 90,000	+ 90,000	+ 90,000	+ 90,000
8th Ave Sewer Storm MH Conflict	Maintenance	Replacement of two pipes currently flow through a storm manhole	+ 165,000	(305,000)	+ 470,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Highland Hills Bittersweet Sewer Capacity	Master Plan	Upsize approximately 2,300 feet of sewer main across 16th St through Bittersweet Park	+ 125,000	+ 0	+ 125,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Highland Hills 35th Ave Sewer Capacity	Master Plan	Upsize approximately 1,800 feet of sewer main in 35th Ave from 16th St to 19th St	+ 360,000	+ 360,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Central 16th St Sewer Replacement	Master Plan	Upsizing sewer main across Greeley Central's baseball field	No Change	+ 0	(255,000)	(1,015,000)	+ 0	+ 1,270,000	+ 0	+ 0	+ 0	+ 0	+ 0
North Poudre RR Sewer Phase I	Master Plan	Deficiency driven capital project identified in the 2020 sewer collection master plan	+ 1,250,000	+ 0	(1,000,000)	(6,120,000)	+ 0	+ 1,000,000	+ 7,370,000	+ 0	+ 0	+ 0	+ 0
•Stampede Arena Sewer Improvement	Operations	Sewer main realignment 1,000' new 8" along the west & south side of the arena	+ 625,000	+ 0	+ 70,000	+ 555,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Garden City Sewer Capacity Improvement	Operations	Upsize or steepening critical lines located between 23rd and 26th St and 8th and 11th Ave	+ 1,380,000	+ 0	+ 210,000	+ 1,170,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•Collections Replacement for Strategic Growth	Master Plan	Replacement projects to facilitate strategic growth of the city	+ 4,580,000	+ 0	+ 0	+ 0	+ 520,000	+ 0	+ 4,060,000	+ 0	+ 0	+ 0	+ 0
Treatment													
General Rehabilitation Projects	Maintenance	Small or unanticipated maintenance projects	+ 310,000	+ 44,000	+ 25,000	+ 20,000	(15,000)	+ 20,000	(105,000)	(65,000)	+ 65,000	+ 0	+ 321,000
WTRF Blower Replacement Phase 2	Master Plan	Replacing expiring and aged out blowers used for aerating process fluid	(115,000)	+ 0	+ 0	+ 0	+ 0	(185,000)	+ 70,000	+ 0	+ 0	+ 0	+ 0
Instrumentation & Controls - Wastewater	Operations	Maintains SCADA systems and control panels	+ 237,800	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 237,800
WTRF Regulatory Support	Regulatory	Study effluent temperature issues for possible new regulations	+ 65,000	+ 0	(48,000)	+ 4,000	+ 6,000	+ 8,000	+ 8,000	+ 8,000	+ 8,000	+ 8,000	+ 63,000
WTRF Primary Treatment-Phase II	Maintenance/MP	Repairs existing three primary clarifiers built in 1960's & 1980's and improves performance	+ 920,000	+ 320,000	+ 300,000	+ 300,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
WTRF Secondary Clarifier Upgrades	Master Plan	Upgrades to secondary clarifier tanks	+ 780,555	+ 0	(717,420)	(4,530,300)	(2,777,200)	+ 5,788,000	+ 2,967,475	+ 50,000	+ 0	+ 0	+ 0
WTRF Secondary Digesters Rehabilitation	Master Plan	Rehabilitation of secondary digesters	(34,000)	(24,000)	(30,000)	+ 20,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•WTRF Electrical Rehabilitation	Maintenance	Replacement of end of life electrical components and design for the WTRF Blower Building	+ 8,183,000	+ 986,000	+ 402,000	+ 1,914,000	+ 1,110,000	+ 487,000	+ 1,002,000	+ 1,398,000	+ 464,000	+ 420,000	+ 0
WTRF Regulation 31 Improvements	Master Plan	Rehab projects needed to meet regulation 31 updates to the treatment process	(58,499,000)	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	(7,375,000)	(58,379,000)	+ 7,255,000
Studies & Others													
Balsam Ave and LS9 Capacity Assessment	Master Plan	The Masterplan identified deficiencies in the Balsam Ave Trunk line and Lift Station 9	+ 10,000	+ 10,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Sewer Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders, etc.	+ 1,879,981	(594,778)	+ 756,649	+ 638,713	+ 1,114,370	(222,530)	+ 73,864	(45,631)	(45,631)	(45,631)	+ 250,586
Sanitary Sewer Master Plan Update	Master Plan	Master plan update for city sewer system due for 2027	+ 151,000	+ 150,000	+ 0	+ 1,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
Wastewater Treatment Master Plan Update	Master Plan	WTRF Master Plan updates	+ 876,400	+ 70,000	(8,000)	(10,600)	+ 0	+ 0	+ 0	+ 755,000	+ 70,000	+ 0	+ 0
•Risk & Resiliency Study and Emergency Response	Master Plan	Periodic update to the Risk & Resiliency Study evaluating wastewater systems risks	+ 245,000	+ 245,000	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0	+ 0
•EPA and State Regulation Driven Cybersecurity Up	Regulatory	Upgrades to department cybersecurity and SCADA systems required to comply with regulations	+ 1,134,000	+ 0	+ 0	+ 100,000	+ 784,000	+ 250,000	+ 0	+ 0	+ 0	+ 0	+ 0
SEWER REPLACEMENT TOTAL			- 33,363,264	+ 1.8M	+ 305.2K	- 6,947,187	+ 747.2K	+ 8.5M	+ 15.5M	+ 2.2M	- 6,723,631	- 57,906,631	+ 9.2M
NEW PROJECTS ONLY			+ 16.1M	+ 1.2M	+ 682.0K	+ 3.7M	+ 2.4M	+ 737.0K	+ 5.1M	+ 1.4M	+ 464.0K	+ 420.0K	0
EXISTING PROJECTS ONLY			- 49,510,264	+ 536.2K	- 376,771	- 10,686,187	- 1,666,830	+ 7.8M	+ 10.5M	+ 792.4K	- 7,187,631	- 58,326,631	+ 9.2M

SEWER TOTAL			TOTAL	+ 10.6M	+ 3.2M	+ 14.9M	- 6,256,187	+ 1.3M	+ 8.6M	+ 16.5M	+ 4.8M	- 4,066,631	- 55,249,631	+ 26.8M
			NEW PROJECTS ONLY	+ 41.5M	+ 2.6M	+ 15.3M	+ 3.9M	+ 2.5M	+ 807.0K	+ 6.1M	+ 4.1M	+ 3.1M	+ 3.1M	+ 70.0K
			EXISTING PROJECTS ONLY	- 30,901,264	+ 556.2K	- 374,771	- 10,107,187	- 1,212,830	+ 7.8M	+ 10.5M	+ 792.4K	- 7,187,631	- 58,326,631	+ 26.7M

W&S COMBINED TOTAL			TOTAL	+ 206.5M	+ 30.0M	+ 1.8M	- 17,510,268	- 10,795,033	+ 54.6M	+ 36.1M	+ 16.5M	+ 11.8M	- 41,788,134	+ 125.8M
			NEW PROJECTS ONLY	+ 122.8M	+ 16.4M	+ 17.1M	+ 5.8M	+ 4.0M	+ 10.8M	+ 15.2M	+ 5.4M	+ 15.2M	+ 20.8M	+ 12.2M
			EXISTING PROJECTS ONLY	+ 83.7M	+ 13.6M	- 15,252,944	- 23,322,158	- 14,747,495	+ 43.7M	+ 21.0M	+ 11.1M	- 3,462,565	- 62,585,986	+ 113.6M

	C	D	E	F	G	H	I	J	K	L	M	N	O
1	<u>PREVIOUS 10-YEAR CIP2024-2033</u>												
2	Project Count: 1 • Project new to CIP this year												
3	WATER CONSTRUCTION												
4	Supply	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032
5	Windy Gap Firming	Master Plan	Firms water rights for Greeley's Windy Gap units	515,000		515,000							
6	Terry Ranch Water Development	Master Plan	An aquifer supply & storage project for long term water storage needs	37,590,000	635,000	19,180,000	75,000	17,615,000	85,000				
7	Non-Potable Expansion Projects	Master Plan	Non-potable system conversions and infrastructure for new development	18,665,500	2,092,000	2,215,000	2,672,000	3,622,000	4,472,000	718,500	718,500	718,500	718,500
8	Poudre Ponds - Pond C	Master Plan	Fill Pond C, grade and reseed site to get released from the DRMS mining permit	5,761,850	30,000	115,600	2,816,250	2,800,000					
9	Ogilvy and Lone Tree Bypass	Regulatory	Ogilvy ditch bypass structure.	968,000	968,000								
10	•Greeley West Non-Pot Pump Station Expansion	Master Plan	Pump station expansion at Greeley West Park to expand service around the park	3,036,000	3,036,000								
11	•Centennial Park Non-Pot Pump Station	Master Plan	Non-potable pump station to serve Centennial Park and surrounding properties	2,599,000			2,599,000						
12	Treatment												
13	Bellvue Residuals Gravity Thickener	Operations/MP	2nd residual gravity thickener for increased capacity & demand	8,107,000				1,260,000	6,847,000				
14	Bellvue 2mg Clear well	Operations/Reg.	Best practice is 10% of max daily production, need 4 mg and currently have 2mg	5,812,500	757,500	5,055,000							
15	Transmission & Distribution												
16	Waterline F St S and E of 47th Ave	Master Plan	Install 7000 feet of 12", 16" and 20" waterline	4,160,081			4,160,081						
17	Distribution Line Extension & Oversizing	Operations/MP	Development reimbursement for water line oversizing	1,643,100	161,280	161,280	163,300	165,320	165,320	165,320	165,320	165,320	165,320
18	Water Taps	Operations	City installed taps for new development or removing compound taps	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
19	New Construction Meters	Operations	City installed meters for new development (reimbursed)	450,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000
20	Non-Potable Waterline	Master Plan	Dependent on roadwork - install new non-potable line, 83rd Avenue alignment	22,539,552	10,000	10,000	1,728,500	7,984,495	12,806,557				
21	35th Ave Non-Potable Waterline Ph II	Const. Coord/MP	Phase 2 to install a 24" non-potable pipeline as part of the 35th Ave project	2,107,875			2,107,875						
22	O St Waterline Extension 23rd-25th	Master Plan	Install 16" Waterline along "O" Street between 23rd and 25th Avenues	812,820	812,820								
23	Bellvue Pipeline Gold Hill	Master Plan	Gold Hill segment will allow gravity service to Gold Hill.	22,065,000	5,488,000	8,232,000	8,305,000	40,000					
24	71st Ave. Equalizer Non-Potable Pump Station	Master Plan	Construct pump station and pipeline to 83rd Ave	6,669,102									350,000
25	35th Avenue Water Line Extension	Master Plan	Water pipeline to be installed in advance of City and County roadway projects	2,932,100		115,000	2,817,100						
26	•Bulk Water Stations	Operations	Installation of three new bulk water stations to replace hydrant meters	375,000	375,000								
27	•Waterlines Extensions to O St.	Master Plan	Waterline extensions on 59th, 71st, 83rd, 95th Avenues to O Street	11,550,800		655,000	2,454,000	130,000	3,241,800	130,000	2,090,400	205,000	2,514,600
28	•C Street Water Line Extension	Master Plan	Water line extension along C St from 66th Ave to 59th Ave	426,250			426,250						
29	•Zone 4 Additional 2MG Water Tower	Master Plan	2MG Water Tower adjacent ot the existing Water Tower at Gold Hill	700,000									
30	•Fixed Network for Badger Meters	Master Plan	Fixed cellular network for Badger Meters	2,000,000								2,000,000	
31	SUB-TOTAL WATER CONSTRUCTION			160.2M	14.5M	36.4M	30.4M	33.7M	27.7M	1.1M	3.1M	1.2M	3.9M
32													
33	WATER CAPITAL REPLACEMENT												
34	Supply	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032
35	Milton Seaman Outlet Works	Operations/Reg.	Replacement of Milton Seaman reservoir outlet gates	5,816,900	54,000	225,000	5,537,900						
36	Non-Potable Replacement and Rehabilitation	Maintenance	Maintenance and expansion of Greeley's existing non-potable irrigation system	5,793,400	504,100	702,000	490,100	513,500	537,000	560,800	584,800	609,100	633,600
37	Risk & Resiliency Projects	Master Plan	Risk mitigation projects per the 2020 Risk & Resiliency Assessment	1,720,000	802,500	637,500	280,000						
38	Ancillary system Improvements	Maintenance	Irrigation ditch system assessments and City maintenance	590,000	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000
39	Bellvue Intake Maintenance Project Phase 2	Maintenance	Repair damages to Bellvue raw water intake structure	8,375,000				8,255,000	120,000				
40	Suburban Ditch (Reservoir Rd) Line Replacement	Maintenance	Replace a 1961 irrigation line due to deterioration	420,000	420,000								
41	Lake Loveland Tower Cover	Maintenance	Replace one fiberglass cover over the Lake Loveland intake tower	270,000			270,000						
42	SCADA - High Mountain Reservoirs	Maintenance/Reg.	Upgrade SCADA for High Mountain Reservoirs to meet upgraded regulations	269,200	131,200	138,000							
43	Non-Potable Water Master Plan Update	Master Plan	Master Plan for non-potable systems	325,000		325,000							
44	•North Boomerang Non-Pot Pump Station Replaceme	Master Plan	Pump station for North 9 at Boomerang GC, total replacement and upsizing	3,935,000	300,000	3,635,000							
45	•Non-Potable Pump Station Replacement	Master Plan	Replacing pump stations that have reached the end of their useful life	5,187,850	2,504,850	0	1,744,000	402,000	537,000				
46	•Cottonwood Park Non-Potable Pond Lining	Operations	Install plastic pond liner within Cottonwood Pond	1,532,200									
47	Treatment												
48	Boyd Process Improvements	Maintenance	Improvements to the treatment infrastructure at the Boyd Lake plant	23,100,000			100000						
49	Boyd Sedimentation Basin Repair	Maintenance	Repair concrete erosion within the sedimentation basins	900,000			900,000						
50	Bellvue WTP General Rehab	Maintenance	General maintenance projects or unanticipated rehab	6,315,000	625,000	560,000	615,000	645000	645,000	645,000	645000	645000	645000
51	Boyd WTP General Rehab	Maintenance	General maintenance projects or unanticipated rehab	4,900,000	525,000	495,000	580,000	450,000	475,000	475,000	475,000	475,000	475,000
52	Water Treatment Plants Master Plan	Master Plan	Master plan for planning project needs for the City's two water plants	790,000	790,000								
53	Boyd Pump Station Intake Valve	Maintenance	Replace a non functional intake valve at the Boyd Lake pump station	520,000			520,000						
54	Bellvue 20 MGD Treatment Trains-Ph. 2	Maintenance/MP	20 MGD replacement of the flocculation/sedimentation and 58/64 filters (TB2)	4,410,000									
55	•Bellvue Filter Media Replacement	Maintenance	Filter media analyzed for remaining absorption, and if necessary replaced	3,090,000		290,000	2,800,000						
56	•Bellvue Flocculator / Sedimentation Building Rehab	Maintenance	Upgrades for Bellvue buildings to repair and reduce corrosion on components	1,287,500	300,000	543,750	443,750						
57	•Bellvue Switchgear Replacement	Maintenance	Bellvue switchgear replacement	720,000	250,000	170,000	300,000						
58	Bellvue Needs Assessment		Correct construction defect at Bellvue WTP	0									
59	Boyd Micro strainer Building Remodel	Maintenance	Remodel Micro strainer building for current building code and expand space	2,020,000						1,135,000	885,000		
60	Transmission & Distribution												
61	Transmission System Rehab.	Maintenance	Replacement and rehabilitation of transmission lines	10,460,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000
62	SCADA Master Plan v2	Master Plan	SCADA planning for vulnerabilities to cyberattack, requirement by EPA	150,000	150,000								
63	Distribution Pipeline Replacements	Maintenance	Replaces lines based on leak history or increase size	21,153,000	2,400,000	2,324,000	2,134,000	1,719,000	2,096,000	2,096,000	2,096,000	2,096,000	2,096,000
64	Advanced Metering Infrastructure (AMI)	Operations	AMI to facilitate water savings and improve customer communication	1,570,000	785,000	785,000							
65	Treated Water Reservoir Rehabilitation	Maintenance	Maintenance and minor repairs to the treated water reservoirs	3,318,000	574,500	435,500	279,500	207,500	873,500	189,500	189,500	189,500	189,500
66	Water Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders, etc.	9,718,133	912,207	1,799,479	1,870,836	1,980,727	1,116,898	497,674	589,630	433,002	151,599

	C	D	E	F	G	H	I	J	K	L	M	N	O
67	Utility Billing Replacement - Water	Operations	Replacement of existing City CIS software system	5,250,000	5,250,000								
68	Instrumentation & Controls - Water	Operations	Maintains SCADA systems and control panels	1,960,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000
69	Meter Replacement	Maintenance	Replace meters that become inaccurate or failing	1,000,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
70	Valve Replacement	Maintenance	Replaces failed valves on system with over 12,000 valves	2,336,400	176,400	240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000
71	Fire Hydrant Replacement	Maintenance	Replace hydrants that do not meet current city standards	3,635,000	215,000	240,000	300,000	360,000	420,000	420,000	420,000	420,000	420,000
72	Distribution System Model & Master Plan Update	Master Plan	Study to determine needed water distribution system improvements	900,000		290,000	610,000						
73	W&S Facilities Program	Operations	Site will be developed to house W&S operational crews & equipment	19,425,000	775,000	16,420,000	2,165,000	65,000					
74	Transmission Customers Re-Route	Operations	Existing transmission line customers moved to other water providers	2,500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
75	23rd Ave Reservoir Replacement	Maintenance	Rreated water reservoir at 23rd Ave to replace reservoirs taken out of service	16,480,000	3,510,000	10,000							415,000
76	•Mosier Reservoir Rehab and Optimization	Master Plan	Design and construction based on optimization study completed in 2023	8,800,000	675,000	8,075,000	25,000	25,000					
77	•9th and 10th Street Waterline Replacement	Master Plan	Install 8" waterline to replace the existing 4" on 9th and 10th Streets	3,555,000	150,000	1,702,500	1,702,500						
78	•Island Grove Park Waterline Replacement	Master Plan	Install 16" waterline to replace existing 8" on D Street from 11th to 14th Ave	1,901,520	133,000	138,000	1,630,520						
79	•Transmission System Corrosion Protection	Maintenance	Repari and enhance the cathodic protection system in the transmission system	2,555,200	582,300	642,900	360,000	360,000	360,000	50,000	50,000	50,000	50,000
80	•Zone 4 Electrical Upgrade	Maintenance	Existing Zone 4 electrical system is at end of life and needs to be replaced	655,000	305,000		350,000						
81	•Transmission Line Replacement - Bellvue #1 and #2	Operations	Relocation/Replace the Bellvue transmission lines #1 and #2	1,776,200	1,681,200	95,000							
82	•Transmission Line Replacement - Bellvue #1 and #2	Operations	Transmission line realignment: 4th Street and 89th Ave to the Poudre River	9,037,150	380,000	3,997,900	140,000	4,404,250	115,000				
83	•8th Avenue Waterline Replacement	Master Plan	Install new 8-12" waterline to replace the eixsitng 4-12" mainline on 8th Ave	2,951,200		113,200	946,000	946,000	946,000				
84	Lead Service Line Replacement	Regulatory	Replacement of lead and galvanized service lines from meter to house	16,571,520	8,116,800	8,454,720							
85	SUB-TOTAL WATER CAPITAL REPLACEMENT			229.9M	35.6M	55.1M	29.0M	22.2M	10.1M	8.0M	7.8M	6.8M	7.0M
86													
87	WATER RIGHTS ACQUISTION												
88		Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032
89	Future Water Acquisition	Master Plan	Acquisition of additional water supplies for future use	78,600,000	6,500,000	6,800,000	7,100,000	7,400,000	7,700,000	8,000,000	8,300,000	8,600,000	8,900,000
90	Life After Lawn	Master Plan	Program toreplace bluegrass turf with water smart landscaping	1,693,700	182,000	160,200	163,500	166,800	170,200	170,200	170,200	170,200	170,200
91	Non-tributary groundwater SLB Change Case	Master Plan	Change case for non-tributary groundwater right in the Laramie aquifer	5,050,000	4,900,000	50,000	100,000						
92	Poudre Ponds Parcel B	Master Plan	Expansion of gravel water pit storage at the Poudre Ponds complex	426,000	101,000	194,000	131,000						
93	Water Supply and Storage Change Case	Master Plan	Change case to convert water rights from irrigation to municipal use	100,000	100,000								
94	•Water Resources Database Build	Maintenance	Construction of a database to use for Water Rights tracking and valuation	136,800	136,800								
95	•Integrated Water Resources Plan Update	Master Plan	Periodic update to the 2023 Integrated Water Resource Plan	300,000					300,000				
96	•NISP Response and Management	Maintenance	Greeley response to Northern Integrated Supply Project (NISP)	500,000	500,000								
97	•Big Thompson Source Water Assessment and Protec	Maintenance	Multi-year collaborative effort to protect Greeley's Big Thompson watershed	168,000	160,000				8,000				
98	•Poudre Basin Model Update	Master Plan	Update of the PBM for simulated water supply infrastructure and operations	200,000				200,000					
99	•Retiming Storage Investigation	Master Plan	Investigation of effects of retiming storage in the Poudre River watershed	250,000	250,000								
100	•Interruptible Supply/ATM	Master Plan	Planning for interruptible supply project	3,220,000	775,000	895,000	775,000	775,000					
101	Overland Trail Gravel Pits	Master Plan	Greeley and Tri-Districts partnership for approximately 2,350 ac-ft. storage	3,175,000	35,000	35,000	35,000	35,000	35,000	1,000,000	2,000,000		
102	SUB-TOTAL WATER RIGHTS ACQUISITION			93.8M	13.6M	8.1M	8.3M	8.6M	8.2M	9.2M	10.5M	8.8M	9.1M
103													
104	WATER TOTAL			484.0M	63.7M	99.6M	67.7M	64.5M	46.1M	18.3M	21.4M	16.8M	19.9M
105													
106	SEWER CONSTRUCTION												
107	Collection	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032
108	Sanitary Sewer Manholes & Taps	Operations	Manholes added for operation and maintenance benefits	790,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000
109	N. Greeley Sewer Phase IIA	Master Plan	Provides service north of the Poudre River and along HWY 85	7,144,500	7,117,500	15,000	12,000	0	0				
110	Collection Line Extension and Oversizing	Operations	Expansion of the wastewater collection system for its long term growth region	650,000	340,000			310,000					
111	Lift Station 9	Master Plan	Growth driven capital project identified in the 2020 sewer collection master plan.	12,320,000			1,600,000	4,855,000	5,865,000				
112	Balsam Ave and LS9 Capacity Assessment	Master Plan	The Masterplan identified deficiencies in the Balsam Ave Trunk line and Lift Station 9	120,000		120,000							
113	•Lift Station 9 Flow Diversion	Master Plan	Construction of 11,200 LF of 21" gravity sewer main from current LS9 to east and north	8,950,000			120,000	1,015,000	7,815,000				
114	Treatment			0									
115	WTRF Capacity Expansion	Master Plan	Increase total treatment capacity for loads and flows through the WTRF.	0									
116	SUB-TOTAL SEWER CONSTRUCTION			30.0M	7.5M	214.0K	1.8M	6.3M	13.8M	79.0K	79.0K	79.0K	79.0K
117													
118	SEWER CAPITAL REPLACEMENT												
119	Collection	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032
120	Trenchless Main and Collector Rehab	Maintenance	Cured in place pipe repair of sanitary system	5,960,000	580,000	420,000	620,000	620,000	620,000	620,000	620,000	620,000	620,000
121	Highland Hills 47th Ave Sewer Capacity	Master Plan	Increase capacity in the existing 8" sewer line in 47th Ave	2,550,000		2,550,000							
122	Sewer Collection System Rehabilitation	Maintenance	Lines smaller than 6" identified for replacement and system rehab	4,135,000	660,000	475,000	495,000	555,000	325,000	325,000	325,000	325,000	325,000
123	Wastewater Flow Monitoring Program	Maintenance	Install flow meters on trunk lines for flow monitoring	425,000	85,000	85,000	85,000	85,000	85,000				
124	8th Ave Sewer Storm MH Conflict	Maintenance	Replacement of two pipes currently flow through a storm manhole	585,000	140,000	445,000							
125	Highland Hills Bittersweet Sewer Capacity	Master Plan	Upsize approximately 2,300 feet of sewer main across 16th St through Bittersweet Park	1,520,000	265,000	0	1,255,000						
126	Highland Hills 35th Ave Sewer Capacity	Master Plan	Upsize approximately 1,800 feet of sewer main in 35th Ave from 16th St to 19th St	1,485,000	255,000	1,230,000							
127	Central 16th St Sewer Replacement	Master Plan	Upsizing sewer main across Greeley Central's baseball field	1,525,000			255,000	1,270,000					
128	North Poudre RR Sewer Phase I	Master Plan	Deficiency driven capital project identified in the 2020 sewer collection master plan	7,120,000			1,000,000	6,120,000					
129	Sanitary Sewer Master Plan Update	Master Plan	Master plan update for city sewer system due for 2027	750,000				750,000					
130	•Lift Station 15 (Hope Springs) Replacement	Master Plan	Construction of a Sewer Lift Station to replace #15 for Hope Springs development	929,500	929,500								

Projects New to CIP

#	Project Title	Driver	Description	2025 to 2034	2025	2026	2027	2028	2029	2030	2031	2032
422New18	●29th Street Multifamily Reg	Master Plan	New regional non-pot pump station as part of the 29th	#REF!	0	0	0	0	0	2,681,000	0	0
422New17	●Gallery Green Regional Pun	Master Plan	New regional non-pot pump station by Gallery Green a	#REF!	0	0	0	0	0	0	0	2,329,000
422New16	●Cobblestone Regional Pum	Master Plan	New regional non-potable pump station by private dev	#REF!	0	0	0	0	0	0	3,095,000	0
422New15	●Drakes Crossing Area Conve	Master Plan	Drakes Crossing Area Conversion from potable irrigatio	#REF!	0	0	0	0	0	104,000	0	0
422New14	●Monfort Park Non-Pot Syst	Master Plan	8" pipeline within Monfort Park to supply non-pot wat	#REF!	0	0	0	0	0	0	0	0
422New13	●Mosier Hill Area Conversio	Master Plan	Mosier Hill Area conversion from potable irrigation to r	#REF!	0	0	0	0	0	0	1,596,000	0
422New12	●Poudre Ponds Water Qualit	Operations	Conduct study to reduce odors from Ponds A and B at t	#REF!	0	100,000	330,000	0	0	0	0	0
422New11	●SA-14 Shupe Regional NPPS	Master Plan	New regional non-potable pump station by private dev	#REF!	0	0	0	0	0	0	4,421,000	0
422New10	●Village Coop (Centerplace)	Master Plan	Extending Monfort Park and Greeley West pump statio	#REF!	0	0	0	2,100,000	0	0	0	0
422New9	●University Acres Area Conv	Master Plan	To extend non-potable water to three properties locat	#REF!	0	0	0	0	0	273,000	0	0
422New8	●Fox Hill Area Conversion	Master Plan	Fox Hill Area conversion from potable irrigation to non-	#REF!	0	0	0	0	0	1,216,000	0	0
422New19	●Centennial Park Area Conve	Master Plan	Non-potable system conversions along Centennial Park	#REF!	0	0	0	411,500	411,500	0	0	0
422New21	●Zone 2 & North of River Sto	Master Plan	Severance IGA, storage tank, and transmission line for r	#REF!	0	0	7,795,000	0	0	0	0	0
422New22	●New Vehicle and Equipmen	Operations	Purchase of new vehicles and equipment.	#REF!	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
422New23	●EV Charging Infrastructure	Operations	Installation of Level 2 and Level 3 EV Charging Stations	#REF!	32,000	72,000	0	0	0	0	0	0
422New24	●Upper Equalizer	Master Plan	Construct pump station and pipeline connections to ex	#REF!	155,000	0	0	0	0	6,571,000	7,121,000	5,678,029
423New27	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
423New26	●Milton Seaman Caretaker H	Maintenance	Refurbish or replace the Milton Seaman Dam Caretaker	#REF!	0	0	0	0	0	0	0	0
423New25	●Grapevine Tailwater Pipelin	Operations	Slip line the 12" Corrugated Metal Pipe crossing 10th St	#REF!	0	0	0	0	0	0	0	0
423New23	●Bellvue and Boyd WTP Elec	Maintenance	Replace existing electrical equipment in the chemical b	#REF!	240,000	360,000	940,000	600,000	240,000	600,000	360,000	240,000
423New22	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12953	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13036	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
13037	●LSIR - DWRF Funding	Regulatory	DWRF Loan funding for lead service line inspections an	#REF!	0	0	0	0	0	0	0	0
423New18	●23rd Ave 4th St to 5th St	Master Plan	Replacement of distribution line at 23rd Ave and 4st.	#REF!	0	0	0	0	0	0	0	0
423New28	●20th St Waterline Replacem	Master Plan	Replacement 20" waterline and meter vault serving UN	#REF!	0	0	0	0	0	0	0	0
423New29	●Waterline Replacement for	Master Plan	Replace waterlines to support economic development a	#REF!	275,000	0	275,000	5,060,000	0	0	0	0
423New19	●Risk & Resiliency Study and	Master Plan	Periodic update to the Risk & Resiliency Study evaluatir	#REF!	0	0	0	245,000	0	0	0	0
423New20	●EPA and State Regulation D	Regulatory	Upgrades to department cybersecurity and SCADA syst	#REF!	585,278	250,000	0	0	0	0	0	0
424New1	●City of Greeley and United	0	Coordinate with USFS for a land exchange of property i	#REF!	30,000	35,000	40,000	0	0	0	0	0
412New3	●County Rd 17 West Greeley	Master Plan	Construction of 16,000 LF of 18" sewer main along WCh	#REF!	0	0	0	0	0	0	0	0
412New2	●New Vehicle and Equipmen	Operations	Purchase of new vehicles and equipment	#REF!	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
412New4	●EV Charger Installations - W	Operations	Installation of new EV charging stations	#REF!	32,000	0	0	0	0	0	0	0
412New5	●WTRF Odor Control	Operations	Design and construction of odor control measures at W	#REF!	10,000	0	0	934,000	2,587,000	2,587,000	2,587,000	0
413New9	●Stampede Arena Sewer Imp	Operations	Sewer main realignment 1,000' new 8" along the west	#REF!	555,000	0	0	0	0	0	0	0
413New8	●Garden City Sewer Capacity	Operations	Upsize or steepening critical lines located between 23rd	#REF!	1,170,000	0	0	0	0	0	0	0
413New16	●WTRF Electrical Rehabilitati	Maintenance	Replacement of end of life electrical components and d	#REF!	1,914,000	1,110,000	487,000	1,002,000	1,398,000	464,000	420,000	0
413New13	●Risk & Resiliency Study and	Master Plan	Periodic update to the Risk & Resiliency Study evaluatir	#REF!	0	0	0	0	0	0	0	0
413New10	●EPA and State Regulation D	Regulatory	Upgrades to department cybersecurity and SCADA syst	#REF!	100,000	784,000	250,000	0	0	0	0	0

Changes made to CIP following Leadership Prioritization Discussions

#	Title	10-Year \$Dollar Impact of Change vs. First Draft CIP
1	Non-Potable Expansion	
2	Badger Cellular Network	
3	Rescheduled Non-Potable Construction Projects	
4	Electrical Upgrades Initially Proposed Reworked	
5	Waterline Extensions to O St Postponed	\$ (6,686,926)
6	Bellvue Residuals Gravity Thickener Postponed	
7	Terry Ranch Water Development	\$ 9,170,000
8	Waterline F St South and East of 47th Ave	\$ (4,160,081)
9	71st Ave Equalizer Non-Potable Pump Station	\$ (6,669,102)
10	Add Upper Equalizer Project	\$ 21,074,302
11	Bellvue Intake Maintenance Project Phase 2	
12	Lake Loveland Tower Cover	
13	Non-Potably Pump Station Replacement	\$ (2,683,000)
14	Boyd Pump Station Intake Valve	
15	Boyd Micro Strainer Building Remodel	\$ (2,020,000)
16	Advanced Metering Infrastructure (AMI)	\$ (475,000)
16	W&S Facilities Program	
17	23rd Ave Reservoir Replacement / Mosier Reservoir Rehab	
18	Transmission Line Replacement - Cache Segment	
19	8th Ave Waterline Replacement	
20	Lead Service Line Replacement	
21	Future Water Acquisition	\$ (12,000,000)
22	Sustainable water conservation and demand management	\$ (795,000)
23	WTRF Odor Control	\$ (3,000,000)
24	North Poudre RR Sewer Phase 1	
25	Secondary Clarifier Upgrades	
26	WTRF Regulation 31 Improvements	\$ (57,162,200)
27	EPA and State Regulation Driven Cybersecurity Upgrades	
28		
29		
30		
31		
32		
33		
34		
35		

\$ (65,407,007)

Description of Change
Removed this annual multi-project and replaced with individual distinct projects to improve planning
Removed this project due to manufacturer discontinuing product.
Non-Potable Construction projects were rescheduled from initial proposal to spread out costs.
Postponed two years
Postponed two years
Added 2029 Budget to finish out 80-20 split
Deleted Project
Deleted Project
Easement and Land Purchase in 2025-2027; pump station construction in 2032-2034
Postponed two years
Postponed two years
Deleted Project
Postponed one year
Deleted Project
Reduced new budget for project
Project is being wrapped into pooled financing with Public Works. Entered into 10-Year Plan but will be removed from Team Budget
Adjusted planned work net change 0.
Postponed two years
Postponed one year
Postponed one year for planned spend of project 13037 first.
Reduced annual budget in 2026+ to Wingfoot Put plus 3% per year.
Reduced annual budget.
Reduced buget in 2031-2033
Postpone three years.
Postponed one year and spread out over an additional year.
Postponed two years pushing construction expenses beyond 10-year horizon
Postponed two years



Water and Sewer Capital Program 2025 – 2029



Fund 422

Water New Construction

New Vehicle and Equipment Purchases

Project Number:	422New22	2025
Division:	Water Capital Projects	Sustainable Infrastructure & Mobility
Project Type:		
Fund:	Water Construction	City wide
Project Manager:	Unassigned	Unassigned
Project Status:	Funded	

Description:

Purchase of new construction vehicles, passenger vehicles, and capital equipment for Water. Mainly driven by new positions and new construction equipment. Budget is from new positions approved for 2025.

Discussion of Progress:

We continue to see lead times of 12 - 18 months for vehicles and vehicle purchasing is a pain point for the department with orders being canceled without notice and other concerns

Justification:

Water and sewer personnel work with infrastructure from Cameron Peak to the east side of the city and vehicles are necessary for transportation, infrastructure construction and rehabilitation, and equipment such as generators, hydraulic power units, mowers, etc. are necessary components of maintaining the city's

GL Account	Description	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue									
	Fund Balance	-	-	125,000	125,000	125,000	125,000	625,000	1,125,000
	Total Revenue	-	-	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$1,125,000
Expense									
8144	Transportation/Vehicles	-	-	100,000	100,000	100,000	100,000	500,000	900,000
8149	Other Machinery And Equipment	-	-	25,000	25,000	25,000	25,000	125,000	225,000
	Total Expense	-	-	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$1,125,000
	Net Total	-	-	-	-	-	-	-	-

Terry Ranch Water Development

Project Number:	12640	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	5- Outside City
Fund:	Water Construction	Location:	Carr, CO
Project Manager:	Paulson, James	Budget Unit #:	4224401880090000000000
Project Status:	Funded		

Description:

The Terry Ranch Project will provide Greeley 1.2 million acre-feet of underground water supply and storage to meet the needs of the city's growing population. Greeley City Council approved the project purchase in March 2021. Construction of the project will occur over many decades, with the first phase to construct the 30-mile pipeline between the ranch and Greeley. The seller of the water and storage (Wingfoot) will partially fund construction of project infrastructure. Wingfoot will pay to the City \$125 million, with \$25 million at closing and \$100 million no sooner than 4 years after closing. Wingfoot pays 80% of the first \$78.125 million in project expenses, and 50% of the next \$125 million in expenses.

Discussion of Progress:

The first segment of 7.75 miles will be constructed by Q4 2024, design of segment 2 ~6-8 miles to 100% will occur in 2024-2025. Construction of segment 2 will begin in 2025. The budget entered reflects the first 80-20 contribution from Wingfoot. Currently planning puts the use of the 50-50 contribution beyond 2033.

Justification:

This was one of the alternatives identified to the Milton Seaman Expansion project. It is less expensive and less risky than expanding Milton Seaman. The City finished the due diligence period to ensure the water is safe and that the project will meet Greeley's long term water resource needs. This generational project is the next step to secure Greeley's water future.

Impact on Operating Budget:

There will be no immediate impacts to the Operating budget. REM is working with CAO to obtain easements and crossing agreements.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	6,936,271	-	17,515,376	-	60,000	3,463,000	42,000	1,872,879	-
4789	Expense Reimbursement	496,861	-	1,969,600	-	-	-	-	-	2,466,461
56**	Investment Earnings	32,677	-	-	-	-	-	-	-	32,677
5788	Other Private Contribution	-	-	8,125,350	153,444,000	100,000	14,132,000	68,000	7,297,121	183,166,471
Total Revenue		\$7,465,809	-	\$27,610,326	\$153,444,000	\$160,000	\$17,595,000	\$110,000	\$9,170,000	\$185,665,609
Expense										
8202	Construction	251,645	-	20,576,390	17,000,000	-	15,500,000	-	8,500,000	61,828,035
8204	Contingency	-	-	1,009,338	1,000,000	-	1,000,000	-	-	3,009,338
8212	Land/Building Cost/Demolition	482,876	-	2,411,025	75,000	50,000	125,000	-	-	3,143,901
8226	Permits, Fees, Etc	37,368	-	55,928	-	-	-	-	-	93,296
8229	Professional Services	5,230,849	-	3,048,945	800,000	-	800,000	-	500,000	10,379,794
8232	Project Management	1,358,133	-	-	-	-	-	-	-	1,358,133
8233	Project Management - Benefits	3,500	-	-	-	-	-	-	-	3,500
8234	Project Management - Burdened Labor	-	-	-	85,000	55,000	85,000	55,000	85,000	365,000
8235	Real Estate - Internal Chgs Only	47,959	-	50,000	-	-	-	-	-	97,959
9303	Public Art Fund	-	-	381,700	-	-	-	-	-	381,700
Total Expense		\$7,465,809	-	\$27,610,326	\$19,045,000	\$160,000	\$17,595,000	\$110,000	\$9,170,000	\$81,156,135
Net Total		-	-	-	\$134,399,000	-	-	-	-	\$104,509,474



Ogilvy and Lonetree Bypass Structure

Project Number:	12740	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	5- Outside City
Fund:	Water Construction	Location:	40.42275787419099, -104.67016300266398
Project Manager:	Tennant, Alexander	Budget Unit #:	4224401880110000000000
Project Status:	Funded		

Description:

This bypass is a structure that measures flows past the Ogilvy ditch headgate located at their Lone Tree Feeder canal and is required by the State to allow credits that we receive from wholly consumable supplies treated at the Lone Tree Wastewater Treatment Plant (also known as the Swift Wastewater Treatment Plant) to be used for return flow obligations and augmentation obligations that Greeley has downstream on the South Platte.

The project will construct a bypass on Lone Tree Creek located upstream of the Ogilvy ditch diversion. The bypass includes a concrete check structure within Lone Tree Creek, automated slide gate and flow measuring device, and buried piping to convey the water around the Ogilvy ditch diversion.

Discussion of Progress:

Design is scheduled to be completed in 2024. Met with DNR, Ditesco, and JBS to discuss.

Justification:

Greeley is contractually entitled to claim water credits from Swift's wastewater treatment plant discharge on Lone Tree Creek. Currently, those credits are not able to make it past the Ogilvy Ditch diversion to the South Platte River while the ditch is in priority in the summer months. Therefore, the Colorado State Engineer's Office is requiring the City to construct a bypass around the Ogilvy Ditch diversion to measure the city's releases and obtain the credits. Per state law, if the city needs this water to flow past a diversion to meet obligations it needs to be bypassed and measured. The credits provide augmentation water to agricultural and industrial users that have long term leases with the City of Greeley. When the credits are not able to reach the South Platte, Greeley has to use other sources of water to meet this demand. The result of which is lost revenue of up to \$350,000 in water that could be sold to other water users on the Poudre and South Platte.

Impact on Operating Budget:

\$2,500 annually

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	1,168,000	902,500	-	-	-	-	2,070,500
Total Revenue		-	-	\$1,168,000	\$902,500	-	-	-	-	\$2,070,500
Expense										
8202	Construction	-	-	800,000	750,000	-	-	-	-	1,550,000
8204	Contingency	-	-	120,000	112,500	-	-	-	-	232,500
8229	Professional Services	-	-	220,000	-	-	-	-	-	220,000
8232	Project Management - Labor	-	-	20,000	20,000	-	-	-	-	40,000
8234	Project Management - Burdened Labor	-	-	-	20,000	-	-	-	-	20,000
9303	Public Art Fund	-	-	8,000	-	-	-	-	-	8,000
Total Expense		-	-	\$1,168,000	\$902,500	-	-	-	-	\$2,070,500
Net Total		-	-	-	-	-	-	-	-	-



Poudre Ponds Redevelopment Pond C

Project Number:	12909	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	1- 16 St North/35 Ave East
Fund:	Water Construction	Location:	35th Ave. North of F St. Poudre Ponds.
Project Manager:	Duve, Ryan	Budget Unit #:	4224401890070000000000
Project Status:	Funded		

Description:

Update final design of the Poudre Ponds site to provide a Natural Area public amenity that can be enjoyed by City residents for recreational purposes. Complete final grading and other improvements based on final design and get released from the DRMS mining permit. This work will include the filling Pond C which the City is having to augment due to evaporative losses.

Discussion of Progress:

The Pond B slurry wall was completed in 2021. Pond B is being actively mined to increase storage and provide final grading within the pond. The mining company has until the end of 2025 to complete the mining and final grading. Final site design will be completed in 2025 and construction commencing in 2026.

Justification:

Pond B cannot be placed in operation until final grading is completed and leak tested. The City is paying for augmenting Pond C. Filling Pond C will end this payment. This is a high priority project for City Council.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	30,000	-	-	-	755,000	3,530,000	4,315,000
	Total Revenue	-	-	\$30,000	-	-	-	\$755,000	\$3,530,000	\$4,315,000
Expense										
8202	Construction	-	-	-	-	-	-	525,000	3,220,000	3,745,000
8204	Contingency	-	-	-	-	-	-	-	250,000	250,000
8229	Professional Services	-	-	25,000	-	-	-	150,000	-	175,000
8232	Project Management - Labor	-	-	5,000	-	-	-	15,000	30,000	50,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	15,000	30,000	45,000
8242	Utility Services	-	-	-	-	-	-	50,000	-	50,000
	Total Expense	-	-	\$30,000	-	-	-	\$755,000	\$3,530,000	\$4,315,000
	Net Total	-	-	-	-	-	-	-	-	-



Figure 4.6. Option 2 Site Layout

SA-14 Shupe Regional NPPS

Project Number:	422New11	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Community Vitality
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	40.402306, -104.848256
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Upsizing reimbursement for a new regional non-potable pump station designed and constructed by private development as part of the Shupe Brothers property future development.

Discussion of Progress:

No progress known at this time for the developing of this property.

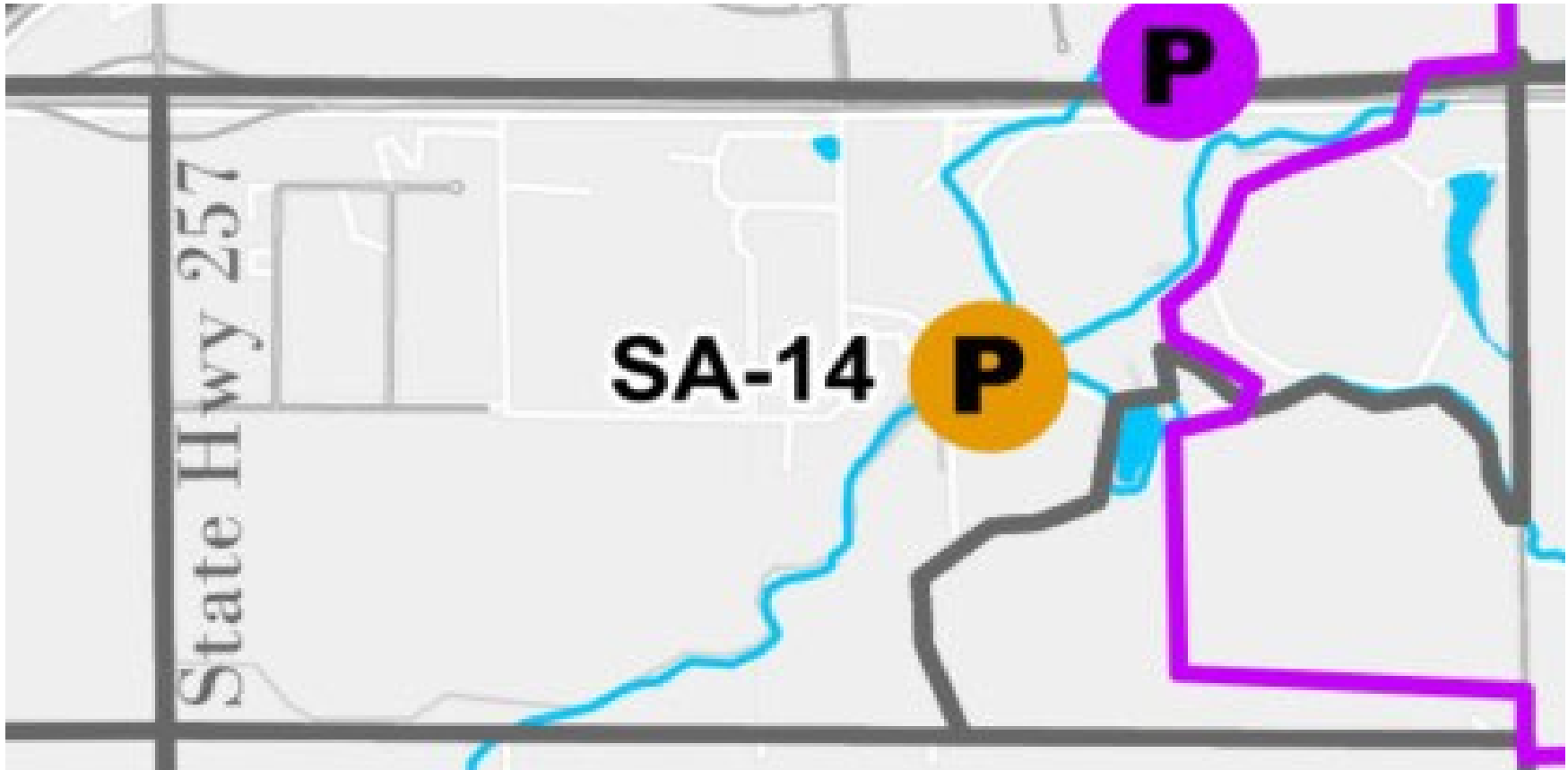
Justification:

City codes requires new development with 2 or more acres of irrigable area to use non-potable water for irrigation. This pump station is identified in the Master Plan and developer is required to construct the pump station. This is a regional irrigation pump station that will expand non-potable water irrigation and reduce potable water irrigation and demand. Converting from potable to non-potable water irrigation reduces the demand on the WTPs and costs of treating the water.

Impact on Operating Budget:

Each new pump station will add approximately \$25,000/year in operating costs mainly power costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	4,421,000	4,421,000
	Total Revenue	-	-	-	-	-	-	-	-	\$4,421,000	\$4,421,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	3,767,000	3,767,000
8204	Contingency	-	-	-	-	-	-	-	-	566,000	566,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	44,000	44,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	44,000	44,000
	Total Expense	-	-	-	-	-	-	-	-	\$4,421,000	\$4,421,000
	Net Total	-	-	-	-	-	-	-	-	-	-



Poudre Ponds Water Quality Improvements

Project Number:	422New12	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Quality of Life
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	40.445364, -104730997
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Conduct a study and implement recommendations to address water quality and reduce odors from Ponds A and B at the Poudre Ponds site. Treatment likely to be some type of aeration system.

Discussion of Progress:

There was a previous study completed but the proposed treatment was too expensive to implement.

Justification:

The Poudre Ponds site is an important non-potable water storage facility that enables Greeley to meet return flow obligations to the Poudre River and supplies non-potable water for irrigation needs. There has been several complaints of the odors from both residential and from those who use the area for recreation.

Impact on Operating Budget:

Treatment will require some type of mechanical system that will require power such as a compressor. There will be costs for maintenance, repairs, and electricity.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	-	100,000	330,000	430,000
	Total Revenue	-	-	-	-	-	-	\$100,000	\$330,000	\$430,000
Expense										
8202	Construction	-	-	-	-	-	-	-	300,000	300,000
8204	Contingency	-	-	-	-	-	-	-	30,000	30,000
8229	Professional Services	-	-	-	-	-	-	100,000	-	100,000
	Total Expense	-	-	-	-	-	-	\$100,000	\$330,000	\$430,000
	Net Total	-	-	-	-	-	-	-	-	-



Monfort Park Non-Pot System Expansion

Project Number:	422New14	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	Monfort Park
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Construct approximately 2,000 linear feet of new 8" pipeline within Monfort Park to supply non-potable water to Centerplace Shopping Center for conversions.

Discussion of Progress:

The design of the 8" pipeline will be completed in 2024 as part of the 47th Ave. Sewer Capacity Improvements Project.

Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for irrigating new developments and converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	468,000	-	-	-	-	468,000
	Total Revenue	-	-	-	\$468,000	-	-	-	-	\$468,000
Expense										
8202	Construction	-	-	-	407,000	-	-	-	-	407,000
8204	Contingency	-	-	-	61,000	-	-	-	-	61,000
	Total Expense	-	-	-	\$468,000	-	-	-	-	\$468,000
	Net Total	-	-	-	-	-	-	-	-	-



Cobblestone Regional Pump Station

Project Number:	422New16	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	40.385717, -104.802506
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Upsizing reimbursement for a new regional non-potable pump station designed and constructed by private development as part of the Cobblestone Subdivision Development.

Discussion of Progress:

Developer submitted conceptual layout of subdivision and location of irrigation pump station and storage pond. Last known communication of this project is November 2023.

Justification:

City codes requires new development with 2 or more acres of irrigable area to use non-potable water for irrigation. This pump station is identified in the Master Plan and developer is required to construct the pump station. This is a regional irrigation pump station that will expand non-potable water irrigaiton and reduce potable water irrigation and demand. Converting from potable to non-potable water irrigation reduces the demand on the WTPs and costs of treating the water.

Impact on Operating Budget:

Each new pump station will add approximately \$25,000/year in operating costs mainly power costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	3,095,000	3,095,000
	Total Revenue	-	-	-	-	-	-	-	-	\$3,095,000	\$3,095,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	2,636,000	2,636,000
8204	Contingency	-	-	-	-	-	-	-	-	397,000	397,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	31,000	31,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	31,000	31,000
	Total Expense	-	-	-	-	-	-	-	-	\$3,095,000	\$3,095,000
	Net Total	-	-	-	-	-	-	-	-	-	-



Gallery Green Regional Pump Station

Project Number:	422New17	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	40.387167, -104.730597
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Upsizing reimbursement for a new regional non-potable pump station designed and constructed by private development as part of the Gallery Green Development and Hope Springs Development.

Discussion of Progress:

Developer commenced subdivision design. A design of the pump station has not been submitted. Last know correspondence on December 2023.

Justification:

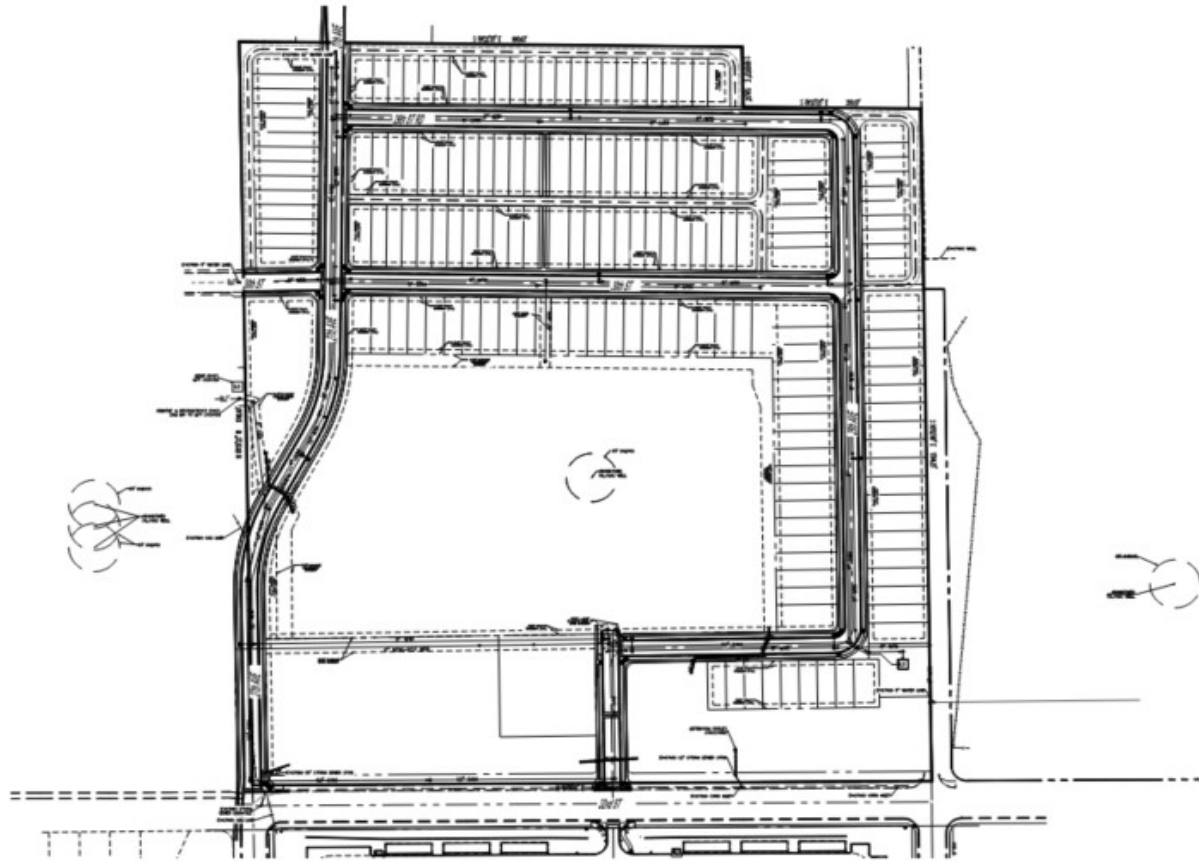
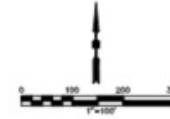
City codes requires new development with 2 or more acres of irrigable area to use non-potable water for irrigation. This pump station is identified in the Master Plan and developer is required to construct the pump station. This is a regional irrigation pump station that will expand non-potable water irrigaiton and reduce potable water irrigation and demand. Converting from potable to non-potable water irrigation reduces the demand on the WTPs and costs of treating the water.

Impact on Operating Budget:

Each new pump station will add approximately \$25,000/year in operating costs mainly power costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	2,329,000	2,329,000
Total Revenue		-	-	-	-	-	-	-	-	\$2,329,000	\$2,329,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	1,996,000	1,996,000
8204	Contingency	-	-	-	-	-	-	-	-	287,000	287,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	23,000	23,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	23,000	23,000
Total Expense		-	-	-	-	-	-	-	-	\$2,329,000	\$2,329,000
Net Total		-	-	-	-	-	-	-	-	-	-

HOPE SPRINGS PRELIMINARY CONSTRUCTION DOCUMENTS



OVERALL UTILITY PLAN

No.	Date	Revision Description
1	08/08/2018	ISSUED FOR PER

29th Street Multifamily Regional Pump Station

Project Number:	422New18	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	40.390972, -104.783275
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Upsizing reimbursement for a new regional non-potable pump station designed and constructed by private development as part of the 29th Street Multifamily Development.

Discussion of Progress:

Developer commenced design as part of the development and has submitted drawings for review and comment. There has not been any activity since July 2023.

Justification:

City codes requires new development with 2 or more acres of irrigable area to use non-potable water for irrigation. This pump station is identified in the Master Plan and developer is required to construct the pump station. This is a regional irrigation pump station that will expand non-potable water irrigaiton and reduce potable water irrigation and demand. Converting from potable to non-potable water irrigation reduces the demand on the WTPs and costs of treating the water.

Impact on Operating Budget:

Each new pump station will add approximately \$25,000/year in operating costs mainly power costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	2,681,000	2,681,000
	Total Revenue	-	-	-	-	-	-	-	-	\$2,681,000	\$2,681,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	2,284,000	2,284,000
8204	Contingency	-	-	-	-	-	-	-	-	343,000	343,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	27,000	27,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	27,000	27,000
	Total Expense	-	-	-	-	-	-	-	-	\$2,681,000	\$2,681,000
	Net Total	-	-	-	-	-	-	-	-	-	-

Upper Equalizer Project

Project Number:	422New24	Budget Year:	2025
Division:	Water Capital Projects	Council	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This project will construct a new pump station and connections to an existing pipeline to pump water from the Poudre River to the Greeley-Loveland Irrigation Company ditch and will secure options to purchase existing or potential gravel pits on the Lower Poudre near Greeley.

Discussion of Progress:

Negotiating design phases services with consultant for the design preliminary sizing of the pump station and design of the pipeline connections.

Justification:

This non-potable Project will exchange reusable wastewater effluent into the gravel pits along with junior water storage rights in gravel pit reservoirs that can then be pumped back to the GLIC system for non-potable irrigation, or released to provide support for non-potable irrigation, exchanges, and augmentation.

Impact on Operating Budget:

Not being able to pump water to the GLIC, therefore, using potable water during shoulder season rather than raw water from the Poudre River. Completed project will drive

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	155,000	155,000	155,000	-	-	19,370,029	19,835,029
Total Revenue		-	-	-	\$155,000	\$155,000	\$155,000	-	-	\$19,370,029	\$19,835,029
Expense											
8202	Construction	-	-	-	-	-	-	-	-	17,427,299	17,427,299
8204	Contingency	-	-	-	-	-	-	-	-	1,742,730	1,742,730
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	-	20,000	20,000
8229	Professional Services	-	-	-	100,000	100,000	100,000	-	-	-	300,000
8232	Project Management - Labor	-	-	-	2,500	2,500	2,500	-	-	90,000	97,500
8234	Project Management - Burdened Labor	-	-	-	2,500	2,500	2,500	-	-	90,000	97,500
8235	Real Estate - Internal Chgs Only	-	-	-	50,000	50,000	50,000	-	-	-	150,000
Total Expense		-	-	-	\$155,000	\$155,000	\$155,000	-	-	\$19,370,029	\$19,835,029
Net Total		-	-	-	-	-	-	-	-	-	-

Centennial Park Non-Potable Pump Station

Project Number:	422New3	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	2- 16 St South/23 Ave East
Fund:	Water Construction	Location:	2503 Reservoir Rd, Greeley, CO 80634
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Construct non-potable pump station to serve Centennial Park and convert properties on the east side of 23rd Avenue and south of Reservoir Road. Relocate Xeriscape Demonstration Garden and redo site landscaping.

Discussion of Progress:

Design in 2023 with construction planned for 2026.

Justification:

This is a regional irrigation pump station that will expand non-potable water irrigation and reduce potable water irrigation and demand. Converting from potable to non-potable water irrigation reduces the demand on the WTPs and costs of treating the water. Project is saving some funds by making use of one of the treated water reservoirs at the site taken out of service in 2022.

We are tagging the "Sustainable Infrastructure and Mobility" council priority, however because of the pump station's direct service to Centennial Park, the project also impacts the "Quality of Life" council priority.

Impact on Operating Budget:

Each new pump station will add approximately \$25,000/year in operating costs mainly power costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	3,105,180	624,000	-	-	-	3,729,180
	Total Revenue	-	-	-	\$3,105,180	\$624,000	-	-	-	\$3,729,180
Expense										
8202	Construction	-	-	-	2,560,180	600,000	-	-	-	3,160,180
8204	Contingency	-	-	-	311,000	-	-	-	-	311,000
8229	Professional Services	-	-	-	121,000	-	-	-	-	121,000
8232	Project Management - Labor	-	-	-	40,000	12,000	-	-	-	52,000
8234	Project Management - Burdened Labor	-	-	-	40,000	12,000	-	-	-	52,000
8242	Utility Services	-	-	-	33,000	-	-	-	-	33,000
	Total Expense	-	-	-	\$3,105,180	\$624,000	-	-	-	\$3,729,180
	Net Total	-	-	-	-	-	-	-	-	-



Windy Gap Firming

Project Number:	12676	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Supply	Regions:	5- Outside City
Fund:	Water Construction	Location:	Chimney Hollow Reservoir
Project Manager:	Hubbard, Leah	Budget Unit #:	4224401880070000000000
Project Status:	Funded		

Description:

The project will fund the Northern Water's Windy Gap Firming Project (WGFP) which is expected to deliver a firm annual yield of 3,000 acre-feet, important to Greeley's long-term water supply.

Discussion of Progress:

Construction is ongoing and on time. Completion is planned for 2025 with the reservoir becoming productive in 2029. More information is available from Northern Water here:
<https://www.northernwater.org/CHRP/news>

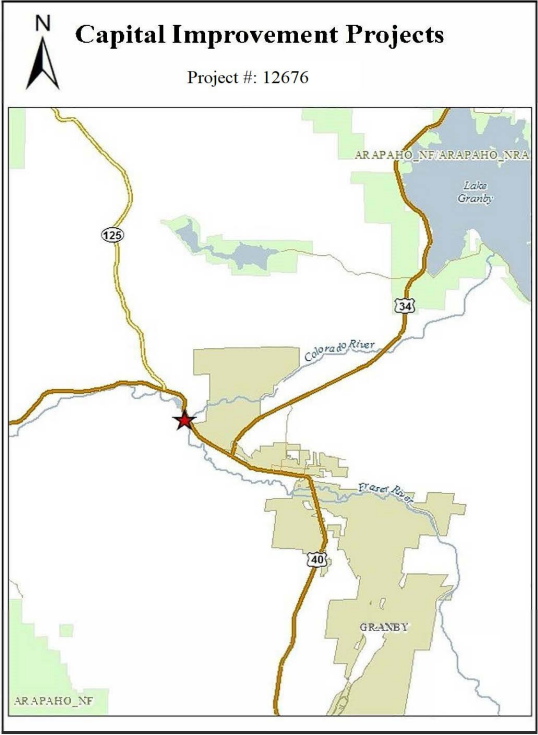
Justification:

Due to storage limitations within the Colorado Big Thompson (C-BT) and other factors, Windy Gap owners haven't been able to rely on Windy Gap to meet a portion of their current water needs or future requirements. The Windy Gap Firming project is proposed to improve the yield of water deliveries from the existing Windy Gap project to participating Windy Gap owners.

Impact on Operating Budget:

Water resource assessments will go up an unknown amount once the project is built and Northern Water starts assessing Greeley for its upkeep and operation.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	2,133,717	-	515,000	515,000	-	-	-	-	3,163,717
	Total Revenue	\$2,133,717	-	\$515,000	\$515,000	-	-	-	-	\$3,163,717
Expense										
8212	Land/Building Cost/Demolition	167,911	-	-	-	-	-	-	-	167,911
8226	Permits, Fees, Etc	17,192	-	-	-	-	-	-	-	17,192
8229	Professional Services	1,557,130	-	515,000	515,000	-	-	-	-	2,587,130
8232	Project Management	389,859	-	-	-	-	-	-	-	389,859
8235	Real Estate - Internal Chgs Only	788	-	-	-	-	-	-	-	788
	Total Expense	\$2,133,717	-	\$515,000	\$515,000	-	-	-	-	\$3,163,717
	Net Total	-	-	-	-	-	-	-	-	-



35th Ave Non-Potable Waterline

Project Number:	12454	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	4 - 10 St North/23 Ave West
Fund:	Water Construction	Location:	35th Ave at Poudre Ponds
Project Manager:	Duve, Ryan	Budget Unit #:	4224401880150000000000
Project Status:	Funded		

Description:

This is phase two to install a 24" non-potable pipe as part of the 35th Avenue Street Widening project by Public Works. This will avoid street cuts and a higher cost in the future. The pipeline is in accordance with the non-potable master plan.

Discussion of Progress:

Phase 1, from the GIC Ditch #3 north to the railroad tracks, was completed in 2022. Phase 2, from the railroad tracks north to the Poudre Ponds pump station, will be constructed with 35th Avenue improvements.

Justification:

The pipeline is in accordance with the non-potable master plan to pump water from the Poudre Ponds to the GIC #3 and enhance future augmentation. The line will also be able to gravity flow water from the GIC #3 to the Poudre Ponds.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	1,240,866	-	690,848	-	2,090,977	-	-	-	4,022,691
	Total Revenue	\$1,240,866	-	\$690,848	-	\$2,090,977	-	-	-	\$4,022,691
Expense										
8202	Construction	1,174,124	-	682,603	-	1,859,852	-	-	-	3,716,579
8204	Contingency	1,900	-	-	-	181,125	-	-	-	183,025
8229	Professional Services	31,359	-	8,245	-	-	-	-	-	39,604
8232	Project Management	14,953	-	-	-	-	-	-	-	14,953
8234	Project Management - Burdened Labor	-	-	-	-	25,000	-	-	-	25,000
	Total Expense	\$1,240,866	-	\$690,848	-	\$2,090,977	-	-	-	\$4,022,691
	Net Total	-	-	-	-	-	-	-	-	-

35th Avenue Waterline Extension F to O Street

Project Number:	12457	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	1- 16 St North/35 Ave East
Fund:	Water Construction	Location:	35th Ave between F and O Streets
Project Manager:	Andrus, Rebecca	Budget Unit #:	4224401880140000000000
Project Status:	Funded		

Description:

This project is for water pipeline to be installed in advance of City and County roadway projects along 35th Avenue. This will be constructed in 2026 and will be approximately 4,000 linear feet of 20" pipeline.

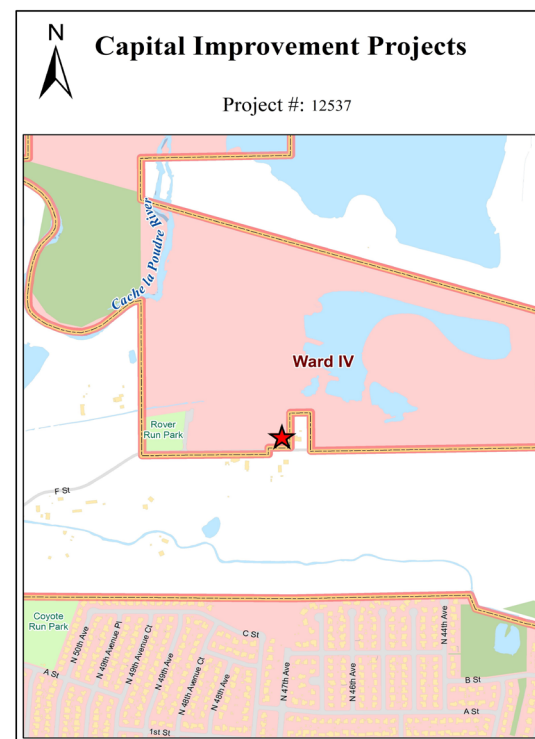
Discussion of Progress:

Design is planned for 2025 and construction in 2026 to match roadway construction planned by Public Works.

Justification:

Installing this pipeline at this time will avoid future conflict with the 35th Avenue Roadway project, save money, and reduce impacts to residents.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	647,007	-	167,941	130,000	2,820,000	-	-	-	3,764,948
	Total Revenue	\$647,007	-	\$167,941	\$130,000	\$2,820,000	-	-	-	\$3,764,948
Expense										
8202	Construction	602,303	-	165,349	-	2,210,000	-	-	-	2,977,652
8204	Contingency	834	-	2,592	-	360,000	-	-	-	363,426
8212	Land/Building Cost/Demolition	14,175	-	-	-	-	-	-	-	14,175
8229	Professional Services	3,573	-	-	100,000	200,000	-	-	-	303,573
8232	Project Management	23,762	-	-	-	-	-	-	-	23,762
8234	Project Management - Burdened Labor	-	-	-	15,000	25,000	-	-	-	40,000
	Total Expense	\$647,007	-	\$167,941	\$130,000	\$2,820,000	-	-	-	\$3,764,948
	Net Total	-	-	-	-	-	-	-	-	-



Non-Potable Waterline

Project Number:	12587	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	5- Outside City , 4 - 10 St North/23 Ave West , 3- 10 St South/23 Ave West
Fund:	Water Construction	Location:	40.440444, -104.811506
Project Manager:	Duve, Ryan	Budget Unit #:	4224401880170000000000
Project Status:	Funded		

Description:

This overall non-potable project will construct new infrastructure to deliver water from the Poudre River to the Greeley-Loveland Irrigation Company ditch, and will secure options to purchase existing or potential gravel pits on the Lower Poudre near Greeley. This portion of the project is in the 83rd Avenue alignment. 2022 costs reflect initial conceptual design + full design of the portion being constructed in 2024 in-line with Public Works' road improvements in the area. Full construction in 26/27. Costs for 24 coincide with Public Works roadway work.

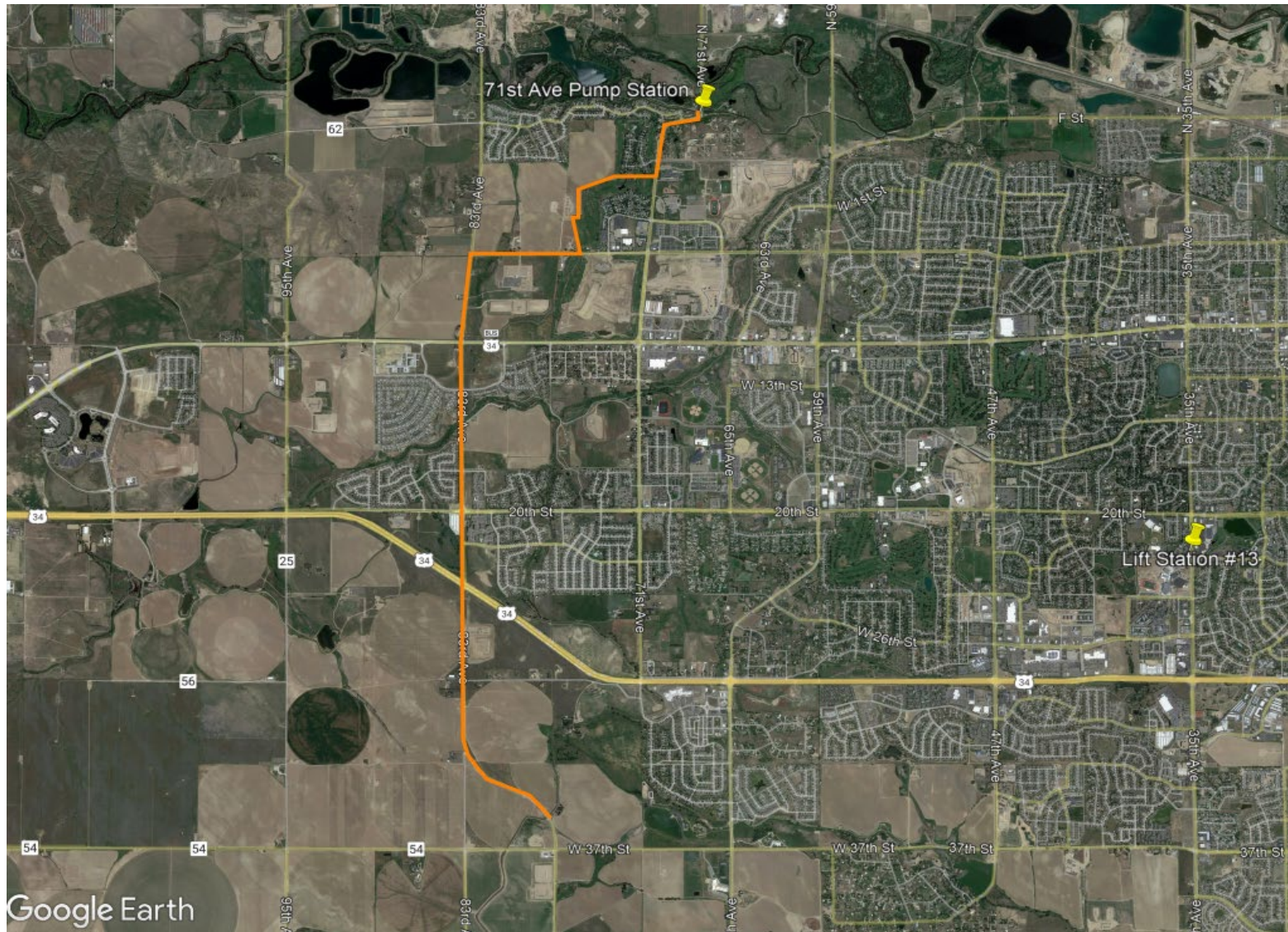
Discussion of Progress:

Construction to start in 2026.

Justification:

This non-potable Project will exchange reusable wastewater effluent into the gravel pits along with junior water storage rights in gravel pit reservoirs that can then be pumped back to the GLIC system for non-potable irrigation, or released to provide support for non-potable irrigation, exchanges, and augmentation.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	42,187	-	572,750	1,500,000	1,050,000	1,102,500	1,157,625	1,215,506	7,052,261	13,692,829
	Total Revenue	\$42,187	-	\$572,750	\$1,500,000	\$1,050,000	\$1,102,500	\$1,157,625	\$1,215,506	\$7,052,261	\$13,692,829
Expense											
8212	Land/Building Cost/Demolition	-	-	-	1,500,000	1,050,000	1,102,500	1,157,625	1,215,506	7,052,261	13,077,892
8229	Professional Services	-	-	562,750	-	-	-	-	-	-	562,750
8232	Project Management	42,187	-	-	-	-	-	-	-	-	42,187
	Total Expense	\$42,187	-	\$572,750	\$1,500,000	\$1,050,000	\$1,102,500	\$1,157,625	\$1,215,506	\$7,052,261	\$13,692,829
	Net Total	-	-	-	-	-	-	-	-	-	-



Bulk Water Stations

Project Number:	12907	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Construction	Location:	Citywide
Project Manager:	Andrus, Rebecca	Budget Unit #:	4224401880160000000000
Project Status:	Funded		

Description:

Project is for the installation of three new bulk water stations. Bulk water stations sell water to construction, drilling, landscaping, and city owned vehicles with large reservoir tanks. They are an alternative to Fire Hydrant Meters and provide a number of advantages, especially backflow protection and erosion control. Project is coordinated with Stormwater for integration of the station drainage with the city stormwater system and incorporation of other assets stormwater needs.

Discussion of Progress:

Two existing bulk water stations are proving significant revenue generators, construction three more stations is planned for 2024.

Justification:

Bulk water stations are proving a major revenue source (the two existing stations have netted XX in 2022). The water stations provide flushing capacity to the distribution system eliminating some wastage of water for flushing and include backflow prevention and erosion control issues with fire hydrant meters. For their cost we expect a ROI of less than two years for each station. Proposal is for a total of five stations in the city with a bulk water customer no more than 15 minutes from a fill station.

Revenue Detail:

Two existing bulk water stations are significant revenue sources.

Impact on Operating Budget:

Bulk water stations reduce flushing costs, water loses due to flushing, and reduce the likelihood of water quality concerns.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	375,000	-	310,000	-	-	-	685,000
	Total Revenue	-	-	\$375,000	-	\$310,000	-	-	-	\$685,000
Expense										
8202	Construction	-	-	300,000	-	250,000	-	-	-	550,000
8229	Professional Services	-	-	75,000	-	60,000	-	-	-	135,000
	Total Expense	-	-	\$375,000	-	\$310,000	-	-	-	\$685,000
	Net Total	-	-	-	-	-	-	-	-	-



Village Coop (Centerplace) Conversion

Project Number:	422New10	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Extend the Monfort Park Regional Pump Station and Greeley West Regional Pump Station non-potable irrigation systems into Centerplace Shopping Center to convert from potable to non-potable irrigation.

Discussion of Progress:

The 47th Ave Sewer Capacity Improvements project will extend a new 8" non-potable waterline from Monfort Park Pump Station to the intersection of 47th Ave and 23rd Street Road in 2025-26. The Greeley West Regional Pump Station is scheduled to be constructed in 2025-26.

Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for irrigating new developments and converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	2,100,000	2,100,000
Total Revenue		-	-	-	-	-	-	-	-	\$2,100,000	\$2,100,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	1,139,000	1,139,000
8204	Contingency	-	-	-	-	-	-	-	-	399,000	399,000
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	-	77,000	77,000
8229	Professional Services	-	-	-	-	-	-	-	-	385,000	385,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	50,000	50,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	50,000	50,000
Total Expense		-	-	-	-	-	-	-	-	\$2,100,000	\$2,100,000
Net Total		-	-	-	-	-	-	-	-	-	-

Mosier Hill Area Conversion

Project Number:	422New13	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This item funds City initiated CIP non-potable system conversions projects such as extending the non-potable distribution system to convert private and public irrigation systems from potable to non-potable water.

Discussion of Progress:

W&S has four on-call contractors to complete non-potable irrigation conversion projects. No design work has been completed. The intent is to complete the design work within the W&S Engineering Team. However, if the project is large and complex, or if W&S Engineering Team doesn't have the manpower to complete the design, we will hire a consultant from the on-call design and engineering contract.

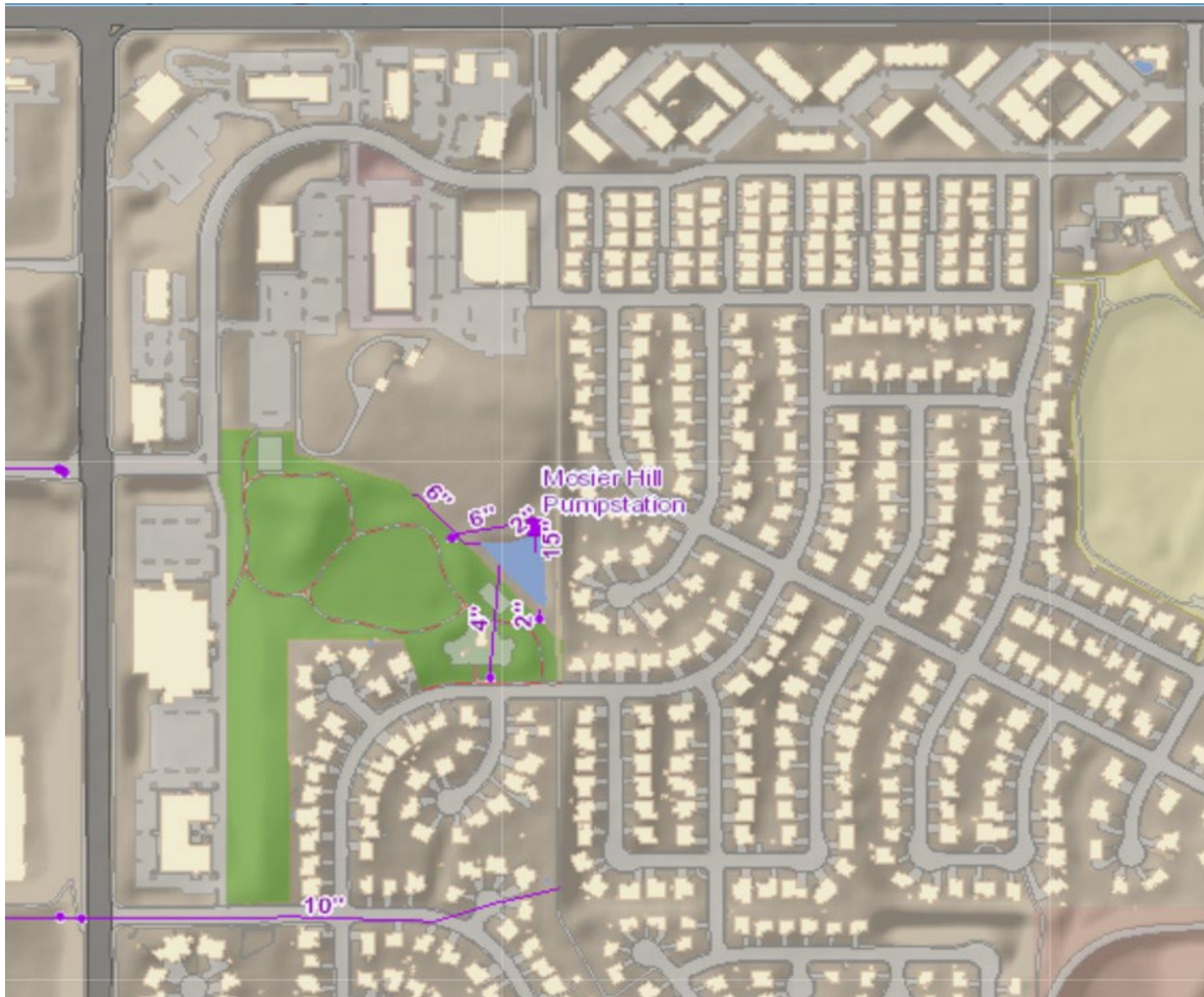
Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	1,596,000	1,596,000
Total Revenue		-	-	-	-	-	-	-	-	\$1,596,000	\$1,596,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	876,000	876,000
8204	Contingency	-	-	-	-	-	-	-	-	328,000	328,000
8229	Professional Services	-	-	-	-	-	-	-	-	316,000	316,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	38,000	38,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	38,000	38,000
Total Expense		-	-	-	-	-	-	-	-	\$1,596,000	\$1,596,000
Net Total		-	-	-	-	-	-	-	-	-	-



Drakes Crossing Area Conversion

Project Number:	422New15	Budget Year:	2025
Division:	Water Capital Projects	Council	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This item funds City initiated CIP non-potable system conversions projects such as extending the non-potable distribution system to convert private and public irrigation systems from potable to non-potable water.

Discussion of Progress:

W&S has four on-call contractors to complete non-potable irrigation conversion projects. No design work has been completed. The intent is to complete the design work within the W&S Engineering Team. However, if the project is large and complex, or if W&S Engineering Team doesn't have the manpower to complete the design, we will hire a consultant from the on-call design and engineering contract.

Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget		2026	2027	2028	2029	Future	Grand Total
				2025							
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	104,000	104,000
Total Revenue		-	-	-	-	-	-	-	-	\$104,000	\$104,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	52,000	52,000
8204	Contingency	-	-	-	-	-	-	-	-	19,000	19,000
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	-	4,000	4,000
8229	Professional Services	-	-	-	-	-	-	-	-	19,000	19,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	5,000	5,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	5,000	5,000
Total Expense		-	-	-	-	-	-	-	-	\$104,000	\$104,000
Net Total		-	-	-	-	-	-	-	-	-	-



Centennial Park Area Conversions

Project Number:	422New19	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This item funds City initiated CIP non-potable system conversions projects such as extending the non-potable distribution system to convert private and public irrigation systems from potable to non-potable water.

Discussion of Progress:

W&S has four on-call contractors to complete non-potable irrigation conversion projects. No design work has been completed. The intent is to complete the design work within the W&S Engineering Team. However, if the project is large and complex, or if W&S Engineering Team doesn't have the manpower to complete the design, we will hire a consultant from the on-call design and engineering contract.

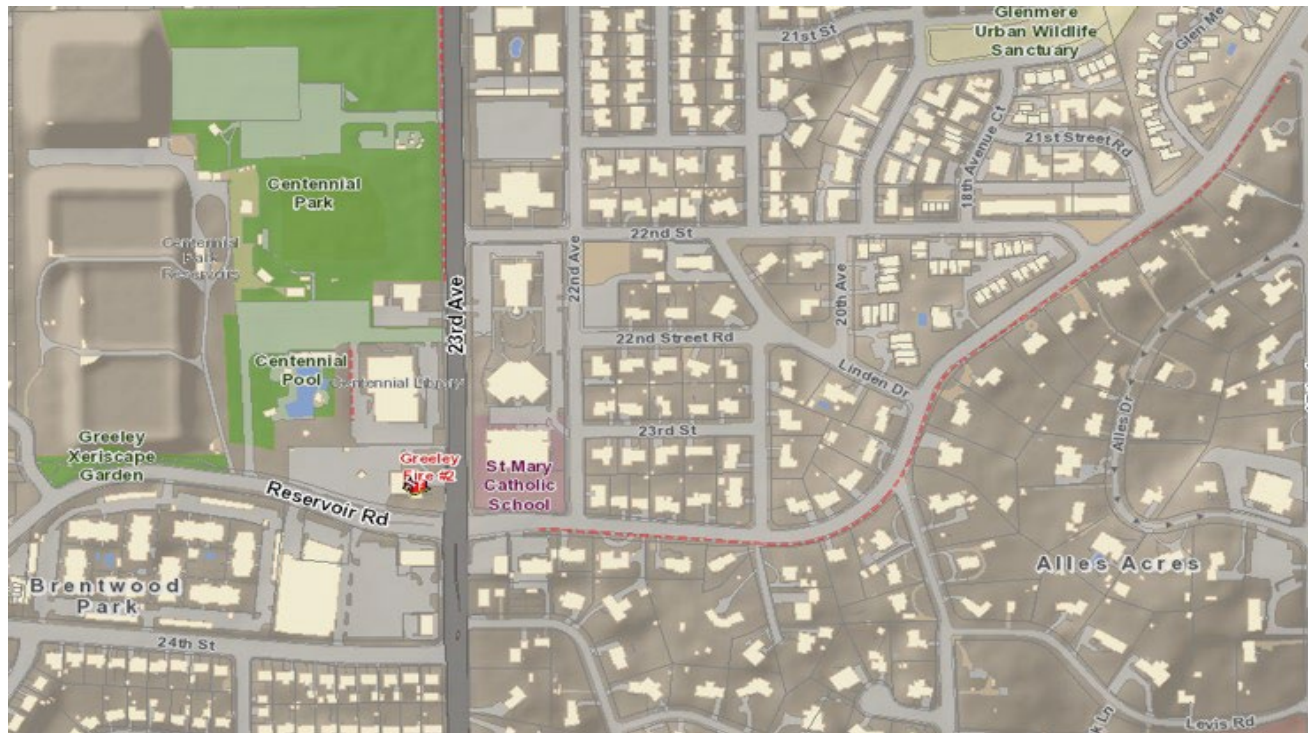
Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	823,000	823,000
Total Revenue		-	-	-	-	-	-	-	-	\$823,000	\$823,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	451,000	451,000
8204	Contingency	-	-	-	-	-	-	-	-	169,000	169,000
8229	Professional Services	-	-	-	-	-	-	-	-	163,000	163,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	20,000	20,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	20,000	20,000
Total Expense		-	-	-	-	-	-	-	-	\$823,000	\$823,000
Net Total		-	-	-	-	-	-	-	-	-	-



Zone 2 and North of River Storage Tank

Project Number:	422New21	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Severance, Colorado
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

City is planning the installation of an in-ground potable storage reservoir in Severance at the high point/Antelope Hill to serve existing zone 2 customers and future development north of the Cach La Poudre River.

Discussion of Progress:

Staff has reviewed drawings provided from PW and continued coordination. Easement purchases are planned for 2025 and 2026, construction in 2029.

Justification:

This project is aligned with the master plans noting additional storage needed for future and current development.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	360,000	260,000	-	-	7,795,000	8,415,000
	Total Revenue	-	-	-	\$360,000	\$260,000	-	-	\$7,795,000	\$8,415,000
Expense										
8202	Construction	-	-	-	-	-	-	-	7,725,000	7,725,000
8212	Land/Building Cost/Demolition	-	-	-	350,000	250,000	-	-	-	600,000
8232	Project Management - Labor	-	-	-	5,000	5,000	-	-	35,000	45,000
8234	Project Management - Burdened Labor	-	-	-	5,000	5,000	-	-	35,000	45,000
	Total Expense	-	-	-	\$360,000	\$260,000	-	-	\$7,795,000	\$8,415,000
	Net Total	-	-	-	-	-	-	-	-	-

EV Charging Infrastructure - Water

Project Number:	422New23	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	2503 Reservoir Rd, Greeley, CO 80634
Project Manager:	Finch, Mathew	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Installation of EV Charging Infrastructure: 2026 - Level 2 Charger Bellvue Water Treatment Plant; 2027 - Level 2 Charger Boyd Lake Water Treatment Plant; and 2028 - Level 3 Charger Bellvue Water Treatment Plant.

Discussion of Progress:

Water and Sewer's first Electric Vehicle is ordered and delivery is expected in late 2024 or 2025. This project is being planned to build out Level 2 and Level 3 charging infrastructure for use by the Water and Sewer department.

Justification:

The department aims to diversity the vehicle fleet to use a portfolio of fuels and protect against price shocks on one particular fuel. Before a large expansion of the EV fleet for the department can be made a base line of charging infrastructure needs to be made available on water and sewer properties.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	32,000	32,000	72,000	-	136,000
	Total Revenue	-	-	-	-	\$32,000	\$32,000	\$72,000	-	\$136,000
Expense										
8202	Construction	-	-	-	-	32,000	32,000	72,000	-	136,000
	Total Expense	-	-	-	-	\$32,000	\$32,000	\$72,000	-	\$136,000
	Net Total	-	-	-	-	-	-	-	-	-

Water System Expansion for North Greeley

Project Number:	422New5	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	5- Outside City , 4 - 10 St North/23 Ave West , 1- 16 St North/35 Ave East
Fund:	Water Construction	Location:	North Greeley
Project Manager:	Andrus, Rebecca	Budget Unit #:	4224401880060000000000
Project Status:	Funded		

Description:

This project is for master planned water pipelines to be installed in advance of development for all areas of North Greeley. It is planned to install new large (16"-24") distribution mains from the existing system to O St. Construction work would begin in 2026 with 71st Ave, then 59th Ave in 2028, 83rd Ave in 2030, 25th Ave in 2032, and 95th in 2034. This project is necessary to allow for development of Greeley in the growth region North of the Poudre River.

Discussion of Progress:

Starting conceptual design of the system with construction to start in 2026. Future phases will make use of the initial design for some cost savings. Project planned for completion in 2034 with updates to project schedule and budget planned in future years.

Justification:

Installing this pipeline at this time will allow future development in North Greeley, these areas along the Poudre are typically owned by Greeley or are located in the floodplain which will inhibit development.

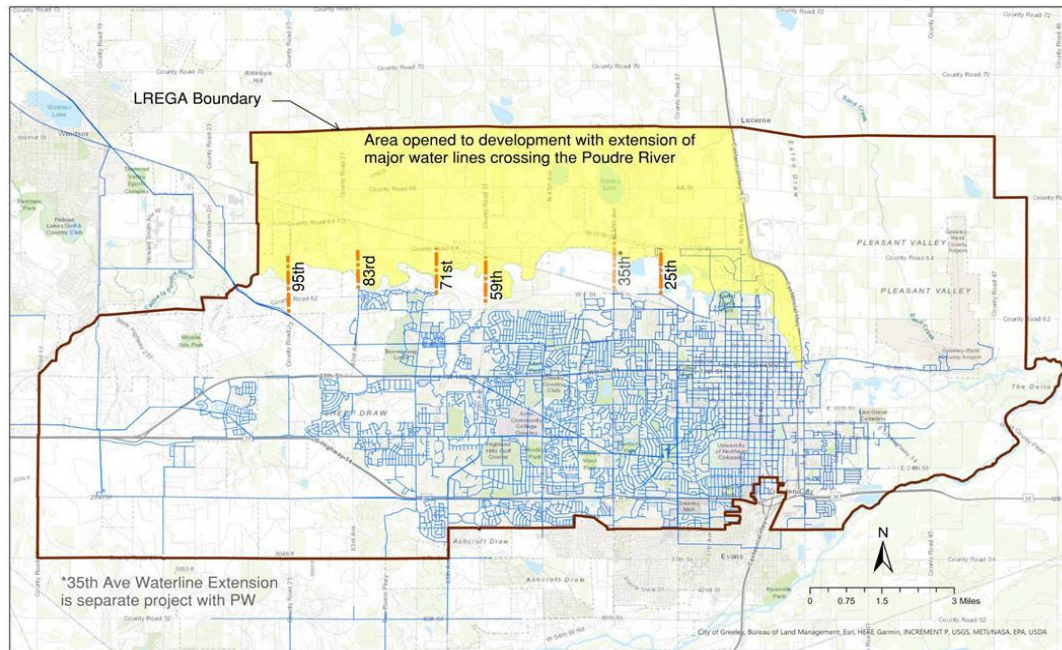
Revenue Detail:

Will allow for new customers to be added to the system in North Greeley.

Impact on Operating Budget:

This project will increase the overall length of pipe in the water system and will increase operations, maintenance, and replacement costs.

GL Account	Description	Previous		2024		2026	2027	2028	2029	Future	Grand Total
		3 Years	2023 Actual	Revised Budget							
Revenue											
	Fund Balance	-	-	-		-	-	675,000	2,450,000	5,845,000	8,970,000
Total Revenue		-	-	-		-	-	\$675,000	\$2,450,000	\$5,845,000	\$8,970,000
Expense											
8202	Construction	-	-	-		-	-	-	2,400,000	5,220,000	7,620,000
8212	Land/Building Cost/Demolition	-	-	-		-	-	25,000	-	75,000	100,000
8229	Professional Services	-	-	-		-	-	600,000	-	300,000	900,000
8232	Project Management - Labor	-	-	-		-	-	20,000	20,000	100,000	140,000
8234	Project Management - Burdened Labor	-	-	-		-	-	20,000	20,000	100,000	140,000
8235	Real Estate - Internal Chgs Only	-	-	-		-	-	10,000	10,000	50,000	70,000
Total Expense		-	-	-		-	-	\$675,000	\$2,450,000	\$5,845,000	\$8,970,000
Net Total		-	-	-		-	-	-	-	-	-



C St Waterline Extension

Project Number:	422New6	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	4 - 10 St North/23 Ave West
Fund:	Water Construction	Location:	Citywide
Project Manager:	Andrus, Rebecca	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This is the extension of water line along C St from 66th Ave to 59th Ave to connect the waterline to facilitate connectivity, improved water quality, and fire flows. This is 1000' of new 12" waterline with crossing of Sheep Draw.

Discussion of Progress:

Construction planned for 2026.

Justification:

This project is aligned with PW for the extension of C St with their phase 1 and 2 and will improve water quality and fire flows for the water distribution system.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	422,500	-	-	-	422,500
	Total Revenue	-	-	-	-	\$422,500	-	-	-	\$422,500
Expense										
8202	Construction	-	-	-	-	375,000	-	-	-	375,000
8204	Contingency	-	-	-	-	37,500	-	-	-	37,500
8232	Project Management - Labor	-	-	-	-	5,000	-	-	-	5,000
8234	Project Management - Burdened Labor	-	-	-	-	5,000	-	-	-	5,000
	Total Expense	-	-	-	-	\$422,500	-	-	-	\$422,500
	Net Total	-	-	-	-	-	-	-	-	-



Fox Hill Area Conversion

Project Number:	422New8	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This item funds City initiated CIP non-potable system conversions projects for the Fox Hill Area extending the non-potable distribution system to convert private and public irrigation systems from potable to non-potable water.

Discussion of Progress:

W&S has four on-call contractors to complete non-potable irrigation conversion projects. No design work has been completed. The intent is to complete the design work within the W&S Engineering Team. However, if the project is large and complex, or if W&S Engineering Team doesn't have the manpower to complete the design, we will hire a consultant from the on-call design and engineering contract.

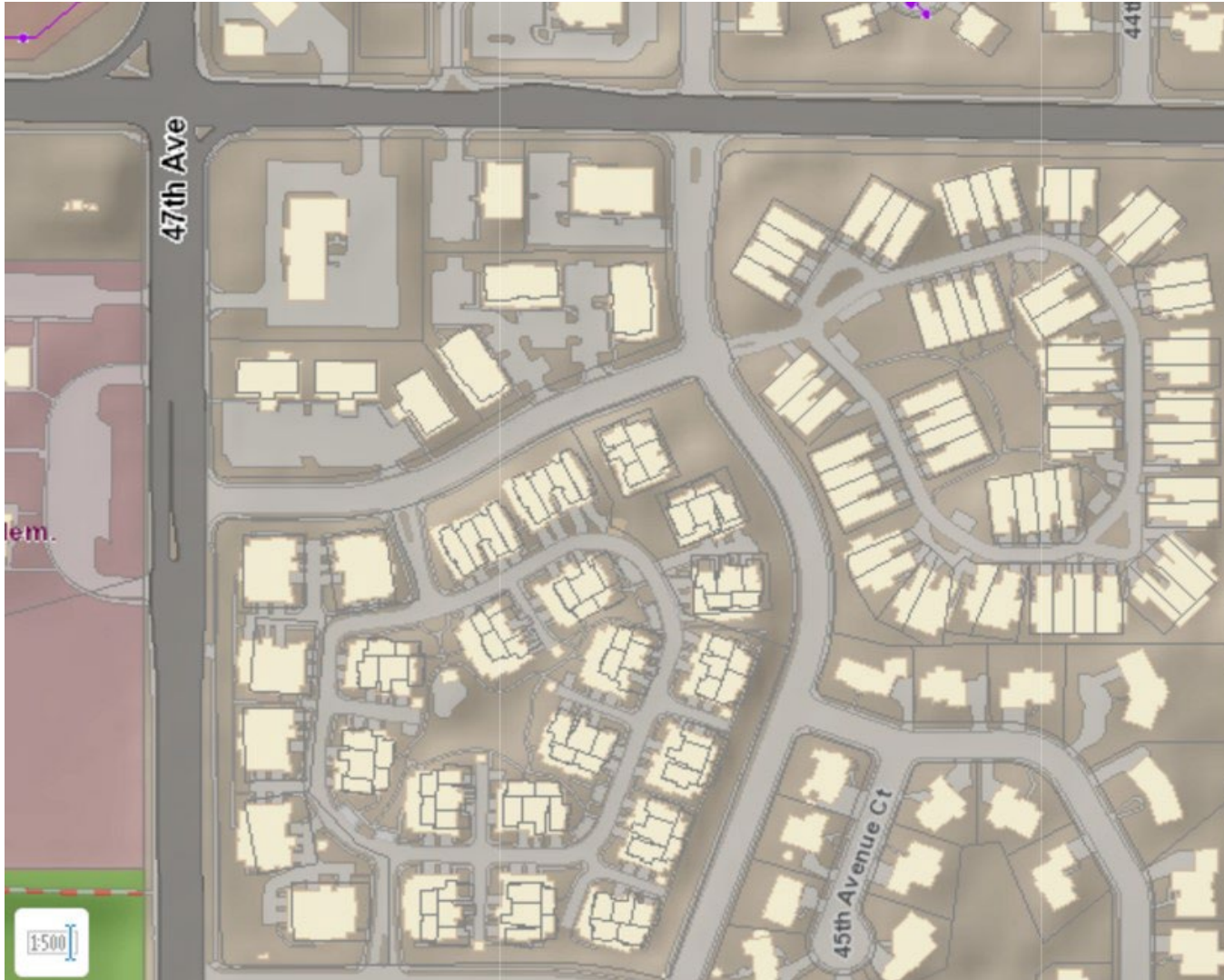
Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	1,216,000	1,216,000
	Total Revenue	-	-	-	-	-	-	-	-	\$1,216,000	\$1,216,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	667,000	667,000
8204	Contingency	-	-	-	-	-	-	-	-	250,000	250,000
8229	Professional Services	-	-	-	-	-	-	-	-	241,000	241,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	29,000	29,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	29,000	29,000
	Total Expense	-	-	-	-	-	-	-	-	\$1,216,000	\$1,216,000
	Net Total	-	-	-	-	-	-	-	-	-	-



University Acres Area Conversion

Project Number:	422New9	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	6521 20th Street
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This item funds City initiated CIP non-potable system conversions projects such as extending the non-potable distribution system to convert private and public irrigation systems from potable to non-potable water. This project includes two crossings of 20th Street to convert three properties located at University Acres using Horizontal Directional Drilling.

Discussion of Progress:

W&S has four on-call contractors to complete non-potable irrigation conversion projects. No design work has been completed. The intent is to complete the design work within the W&S Engineering Team. However, if the project is large and complex, or if W&S Engineering Team doesn't have the manpower to complete the design, we will hire a consultant from the on-call design and engineering contract.

Justification:

Expanding the City's non-potable system has been identified as a critical goal in meeting Greeley's future water demands. Funding this item provides funds to expand the non-potable system to use non-potable water for converting existing systems from potable to non-potable irrigation.

Impact on Operating Budget:

These types of projects will have an impact to the Raw Water Operations Group. Extending the distribution system will require additional maintenance of valves and blowoffs and seasonal winterization of the distribution mains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	273,000	273,000
Total Revenue		-	-	-	-	-	-	-	-	\$273,000	\$273,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	180,000	180,000
8204	Contingency	-	-	-	-	-	-	-	-	67,000	67,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	13,000	13,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	13,000	13,000
Total Expense		-	-	-	-	-	-	-	-	\$273,000	\$273,000
Net Total		-	-	-	-	-	-	-	-	-	-



New Construction Meters

Project Number:	12581	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Construction	Location:	Citywide
Project Manager:	Prior, Adam	Budget Unit #:	4224401880020000000000
Project Status:	Funded		

Description:

This program purchases new meters for resale to property owners or developers for new water service connections. To maintain quality and uniformity, the customer is required to purchase all system meters from the City. This is an on-going project.

Discussion of Progress:

Ongoing annual program.

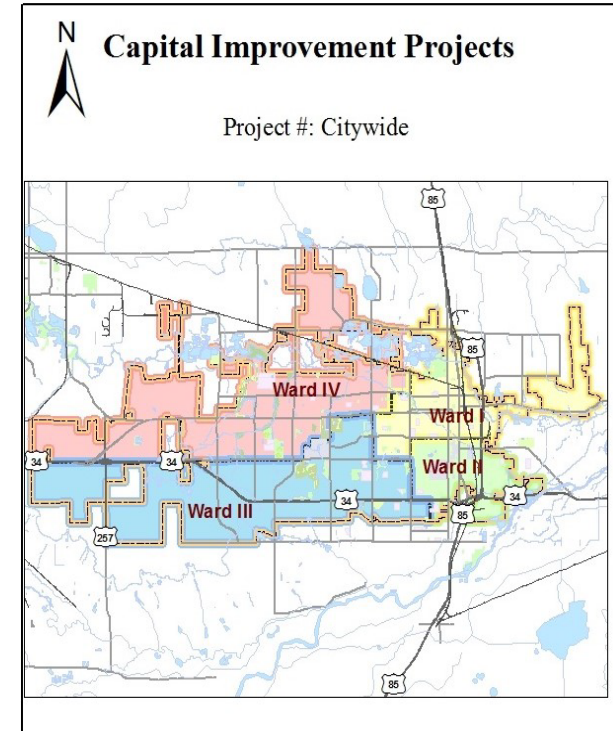
Justification:

City ordinance requires a meter on every tap. The cost of new meters in this account is offset by the sale of these meters to customers. Providing meters to customers assures the proper meter is installed and compatible with our automated meter reading and billing system. The cost of each meter varies from \$200 to \$11,826, depending on the size of the meter.

Revenue Detail:

New customers = new revenue sources

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	153,381	-	45,000	45,000	45,000	45,000	45,000	45,000	225,000	648,381
	Total Revenue	\$153,381	-	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000	\$648,381
Expense											
8208	Furniture, Fixtures & Equipment	53,402	-	37,500	37,500	37,500	37,500	37,500	37,500	187,500	465,902
8224	Operating Supplies	-	-	2,000	2,000	2,000	2,000	2,000	2,000	10,000	22,000
8232	Project Management	99,979	-	-	-	-	-	-	-	-	99,979
8244	Capital Equipment >\$5,000	-	-	5,500	5,500	5,500	5,500	5,500	5,500	27,500	60,500
	Total Expense	\$153,381	-	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000	\$648,381
	Net Total	-	-	-	-	-	-	-	-	-	-



Water Taps

Project Number:	12673	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Construction	Location:	Citywide
Project Manager:	Fishlock, Keri	Budget Unit #:	4224401880030000000000
Project Status:	Funded		

Description:

The transmission/distribution crews construct taps on the water system lines for both its own operations and those required by new customers. Tapping valves and pipe related materials used for tap construction are purchased from the Inventory account. All applicable costs are included in this account to complete the tap (asphalt, flow fill, concrete, etc.)

Discussion of Progress:

Ongoing annual program

Justification:

The transmission/distribution crews construct taps on the water system lines for both its own operations and those required by new customers. Tapping valves and pipe related materials used for tap construction are purchased from the Inventory Budget account. All applicable costs are included in this account to complete the tap (asphalt, flow fill, concrete, etc.). Cost recovery is only applicable for taps constructed for customers.

Revenue Detail:

New customers = new water revenue

GL Account	Description	Previous 3		2024							
		Years	2023 Actual	Revised Budget							
Revenue											
	Fund Balance	-	-	75,000	75,000	75,000	75,000	75,000	75,000	375,000	-
4461	New Meter Sales	287,852	-	-	-	-	-	-	-	-	287,852
4462	Large Meter Sales	336,809	-	-	-	-	-	-	-	-	336,809
4464	Labor & Materials	46,236	-	-	-	-	-	-	-	-	46,236
4611	Plant Investment Fees	17,755,602	-	-	-	-	-	-	-	-	17,755,602
4612	Public Improvement Fee	681,730	-	-	-	-	-	-	-	-	681,730
4613	Promontory PIF Surcharge	1,575	-	-	-	-	-	-	-	-	1,575
4786	Cash In Lieu/Warranty Bond	1,575	-	-	-	-	-	-	-	-	1,575
4789	Expense Reimbursement	790	-	-	-	-	-	-	-	-	790
5632	Rents From Equipment	637,705	-	-	-	-	-	-	-	-	637,705
Total Revenue		\$19,749,874	-	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$19,749,874
Expense											
8202	Construction	-	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	110,000
8216	Miscellaneous	-	-	3,500	3,500	3,500	3,500	3,500	3,500	17,500	38,500
8224	Operating Supplies	3,649	-	61,500	61,500	61,500	61,500	61,500	61,500	307,500	680,149
8232	Project Management	16,642	-	-	-	-	-	-	-	-	16,642
Total Expense		\$20,291	-	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$845,291
Net Total		\$19,729,583	-	-	-	-	-	-	-	-	\$18,904,583



Distribution Line Extension & Oversizing

Project Number:	12524	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Construction	Location:	Citywide
Project Manager:	Hannon, Derek	Budget Unit #:	4224401880010000000000
Project Status:	Funded		

Description:

This program provides for reimbursement to developers for installing oversized pipe at the request of the City. The program can also fund extensions between completed subdivisions to improve the pipe network system. Oversizing reimbursement is anticipated for Lake Bluffs, Northridge, Cache, and Owl Ridge subdivisions.

Discussion of Progress:

Annual program for development pipeline oversizing reimbursements.

Justification:

Provides the means for the City to oversize pipes being installed by developers and to extend mains as necessary for the benefit of the entire system. Oversizing and main extensions

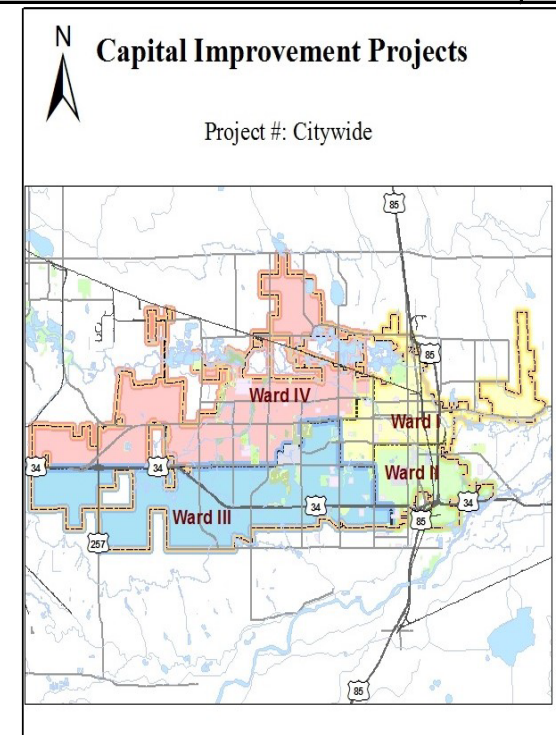
Revenue Detail:

This program is in place to oversize water pipes in coordination with new development and extend pipes as needed to connect subdivisions. Expenditures are usually at least partially reimbursable to the developer.

Impact on Operating Budget:

Additional maintenance costs due to expanded system (offset by rate revenue from new customers).

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	132,936	-	161,280	161,000	163,000	165,000	165,000	165,000	825,000	1,938,216
	Total Revenue	\$132,936	-	\$161,280	\$161,000	\$163,000	\$165,000	\$165,000	\$165,000	\$825,000	\$1,938,216
Expense											
8202	Construction	-	-	128,000	128,000	130,000	132,000	132,000	132,000	660,000	1,442,000
8208	Furniture, Fixtures & Equipment	647	-	-	-	-	-	-	-	-	647
8216	Miscellaneous	37	-	-	-	-	-	-	-	-	37
8224	Operating Supplies	33,709	-	6,000	6,000	6,000	6,000	6,000	6,000	30,000	99,709
8229	Professional Services	82,926	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	357,926
8232	Project Management	13,160	-	-	-	-	-	-	-	-	13,160
8234	Project Management - Burdened Labor	-	-	-	1,000	1,000	1,000	1,000	1,000	5,000	10,000
9303	Public Art Fund	-	-	1,280	-	-	-	-	-	-	1,280
	Total Expense	\$132,936	-	\$161,280	\$161,000	\$163,000	\$165,000	\$165,000	\$165,000	\$825,000	\$1,938,216
	Net Total	-	-	-	-	-	-	-	-	-	-



Bellvue Pipeline-Gold Hill Segment

Project Number:	12489	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Transmission & Distribution	Regions:	5- Outside City
Fund:	Water Construction	Location:	South of Windsor
Project Manager:	Andrus, Rebecca	Budget Unit #:	4224401880050000000000
Project Status:	Funded		

Description:

This project is the Design and Construction of the Gold Hill Segment of the 60" Bellvue Transmission Main. It is approximately 3 miles long and will extend along HWY 257 from the Poudre River in Windsor south to the connection with the transmission lines from Boyd just south of the Zone 4 pump station (131st Ave and HWY 34). Final route selection, permit and easement acquisition, design and construction will be part of this multi-year project. The first Phase of construction is currently planned in 2024 and 2025 would be to complete the Windsor Phase of approximately 4,000 feet of pipe installation and a HWY 257 crossing to install pipe in advance of expected development in that area. Funding in 2025 and 2026 will be used to complete the remaining 2 miles of the 60" Bellvue pipeline.

Discussion of Progress:

Route selection is complete for final 3 miles. Easement acquisition is complete for the Windsor Phase and underway for the final 2 miles. Providence Infrastructure was selected in August 2019 for Engineering Design of the first phase of the Gold Hill Segment to be called Windsor Phase. Final design and preparation of bid and construction documents will be completed in 2024. Funding is expected from FEMA for a significant portion of the overall costs. Construction is expected to begin in 2025.

Justification:

To secure Greeley's water future, the 2003 Water Master Plan instituted a policy to expand the transmission system when demand reaches 90% of system capacity. The 60" transmission pipeline is being constructed in multiple segments over several years to connect the Bellvue Water Treatment Plant to customers in Greeley. As of September 2017, 25 of the total 28 miles are complete. The 3-mile Gold Hill Segment will be the final phase of the project.

The pipeline also allows the operation of the Greeley water system from either treatment plant for a short time in the event of an emergency and so represents a significant hazard mitigation effort for Greeley, Evans, Windsor and Milliken.

Revenue Detail:

The department submitted an application for funding from the Federal Emergency Management Agency - Building Resilient Communities and Infrastructure grant program for 80% of the project costs.

Impact on Operating Budget:

This pipeline will allow gravity flow to Zone 3 through the Gold Hill tanks, which will lower energy costs for pumping into Zone 3 from Mosier. System water quality and chemical use are expected to see benefits due to reduced water age and better mixing from Boyd and Bellvue treatment facilities. The additional pipe length will cause incremental cost increases to water system operations, rehab, and replacement.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	433,332	-	6,013,653	574,000	581,000	15,000	-	-	7,616,985
4311	Federal Grants	-	-	13,819,346	-	-	-	-	-	13,819,346
5902	Bond Proceeds	-	-	1,784,654	-	-	-	-	-	1,784,654
Total Revenue		\$433,332	-	\$21,617,653	\$574,000	\$581,000	\$15,000	-	-	\$23,220,985
Expense										
8202	Construction	632	-	18,602,434	-	-	-	-	-	18,603,066
8204	Contingency	1	-	1,800,000	-	-	-	-	-	1,800,001
8212	Land/Building Cost/Demolition	149,915	-	35,000	65,000	-	-	-	-	249,915
8226	Permits, Fees, Etc	-	-	50,000	-	-	-	-	-	50,000
8229	Professional Services	230,225	-	630,219	443,000	515,000	15,000	-	-	1,833,444
8232	Project Management	22,044	-	-	-	-	-	-	-	22,044
8233	Project Management - Benefits	6,300	-	-	-	-	-	-	-	6,300
8234	Project Management - Burdened Labor	-	-	-	33,000	33,000	-	-	-	66,000
8235	Real Estate - Internal Chgs Only	-	-	10,000	-	-	-	-	-	10,000
9303	Public Art Fund	20,000	-	370,000	-	-	-	-	-	390,000
Total Expense		\$433,332	-	\$21,617,653	\$574,000	\$581,000	\$15,000	-	-	\$23,220,985
Net Total		-	-	-	-	-	-	-	-	-



Residuals Gravity Thickener - Bellvue

Project Number:	A289	Budget Year:	2025
Division:	WATER GENERAL MANAGEMENT	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Treatment	Regions:	5- Outside City
Fund:	Water Construction	Location:	Bellvue Filter Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4221060880050000000000
Project Status:	Funded		

Description:

Design and construction of a 2nd residuals gravity thickener with cover at the Bellvue Water Treatment Plant.

Discussion of Progress:

This project is planned for designing in 2027 with construction in 2028.

Justification:

Phase I of the residuals handling facilities was designed for a plant production rate of 25 million gallons per day (mgd). Current plant rating by the State is 35 mgd. The wild fires of 2011 and 2012 and the flooding in 2013 have significantly altered the raw water quality requiring increased chemical dosing with increased residuals production. The 2nd gravity thickener will provide acceptable solids loading for these increases and increased production.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	520,000	7,480,000	8,000,000
	Total Revenue	-	-	-	-	-	-	-	\$520,000	\$7,480,000	\$8,000,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	6,700,000	6,700,000
8204	Contingency	-	-	-	-	-	-	-	-	670,000	670,000
8216	Miscellaneous	-	-	-	-	-	-	-	-	10,000	10,000
8229	Professional Services	-	-	-	-	-	-	-	500,000	50,000	550,000
8232	Project Management - Labor	-	-	-	-	-	-	-	10,000	25,000	35,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	10,000	25,000	35,000
	Total Expense	-	-	-	-	-	-	-	\$520,000	\$7,480,000	\$8,000,000
	Net Total	-	-	-	-	-	-	-	-	-	-

Bellvue Two Million Gallon Clearwell

Project Number:	12724	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Construction Treatment	Regions:	5- Outside City
Fund:	Water Construction	Location:	Bellvue Filter Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4224401880060000000000
Project Status:	Funded		

Description:

Design and construct a 2 million gallon (mg) clearwell, piping, and chemical injection in tandem with the existing clearwell.

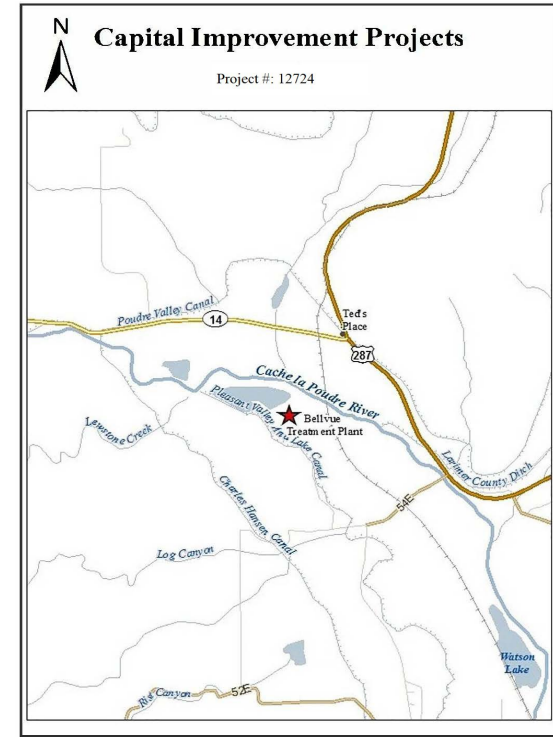
Discussion of Progress:

This project is scheduled for design in 2024 with construction in 2025

Justification:

Colorado Department of Health & Environment (CDPHE) Design Criteria requires sufficient storage volume to backwash several filters in rapid succession without the filters having to follow fluctuations in water use. Design criteria also requires two clearwell compartments. We do not currently meet CDPHE guidelines; plant flows currently have to be raised four to six million gallons per day (mgd) during filter backwashing and there is only one compartment in the existing clearwell.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	1,507,349	5,040,000	-	-	-	-	6,547,349
	Total Revenue	-	-	\$1,507,349	\$5,040,000	-	-	-	-	\$6,547,349
Expense										
8202	Construction	-	-	750,000	4,500,000	-	-	-	-	5,250,000
8204	Contingency	-	-	100,000	150,000	-	-	-	-	250,000
8229	Professional Services	-	-	600,000	300,000	-	-	-	-	900,000
8232	Project Management - Labor	-	-	49,849	45,000	-	-	-	-	94,849
8234	Project Management - Burdened Labor	-	-	-	45,000	-	-	-	-	45,000
9303	Public Art Fund	-	-	7,500	-	-	-	-	-	7,500
	Total Expense	-	-	\$1,507,349	\$5,040,000	-	-	-	-	\$6,547,349
	Net Total	-	-	-	-	-	-	-	-	-



Non-Potable Master Plan

Project Number:	12585	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	0 - All Wards
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	4224401860050000000000
Project Status:	Funded		

Description:

This project is an update to the existing 2004 master plan to analyze the existing infrastructure and provide direction on a 5 year and 20 year CIP plan to address expansion, conversions from potable use, and infrastructure needs. The master plan will also provide direction on how the City non-potable system will serve the City of Greeley up to the Long Range Expected Growth Area (LREGA).

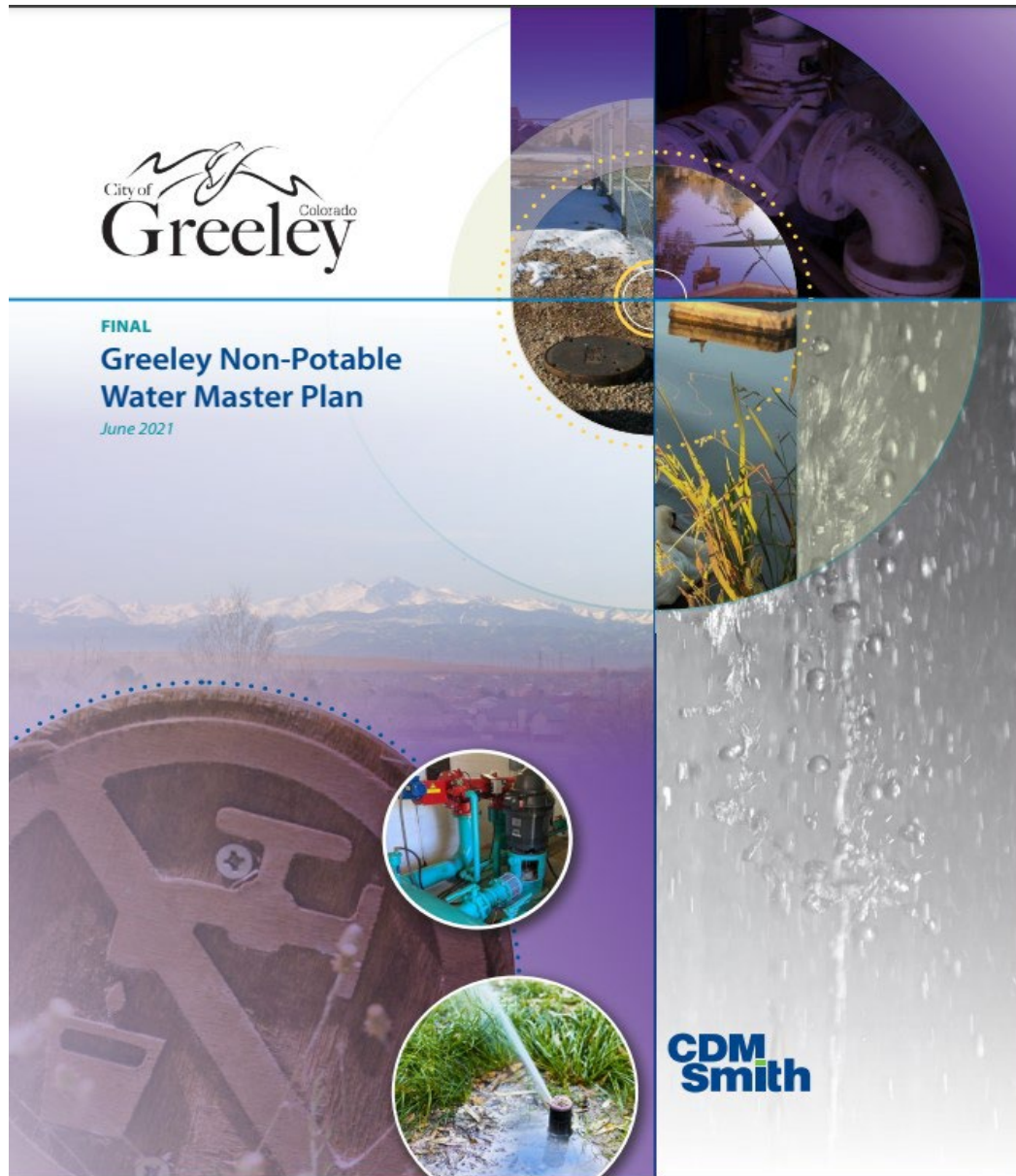
Discussion of Progress:

Non-Potable distribution system analysis and identification of infrastructure is approximately 60% complete. As the City finalizes the draft master plan, we will engage engineering firms, development community, and other stakeholders to allow them to review and provide comments and feedback prior to finalizing the Masterplan. Planned for 2025

Justification:

The Master Plan update is necessary to ensure that adequate water is available for future growth that is economical - detailed analysis of non-potable system upgrades feasibilities and costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	60,422	-	-	324,000	-	-	-	-	384,422
5812	Damages Recovered	500,000	-	-	-	-	-	-	-	500,000
Total Revenue		\$560,422	-	-	\$324,000	-	-	-	-	\$884,422
Expense										
8202	Construction	202,574	-	-	-	-	-	-	-	202,574
8204	Contingency	-	-	-	50,000	-	-	-	-	50,000
8229	Professional Services	265,708	-	-	250,000	-	-	-	-	515,708
8232	Project Management	80,358	-	-	-	-	-	-	-	80,358
8234	Project Management - Burdened Labor	-	-	-	12,000	-	-	-	-	12,000
Total Expense		\$560,422	-	-	\$324,000	-	-	-	-	\$884,422
Net Total		-	-	-	-	-	-	-	-	-



Irrigation Pump Station Upgrades

Project Number:	422New27	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	
Fund:	Water Construction	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This project funds upgrades to existing irrigation pump stations including but not limited pump discharge piping and fittings, valves, HVAC, and electrical and controls.

Discussion of Progress:

W&S continues to maintain the City's irrigation pump stations to ensure they operate at peak efficiency and maintain reliability. Highland Hills Golf Course Upgrades (2024) project is an example of the type of work this project will fund.

Justification:

Conducting upgrades rather than total replacement is less costly and ensures that the irrigation pump stations operate at peak efficiency and is reliable to deliver irrigation water to parks, golf courses, campuses, etc.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	553,595	510,992	518,612	526,462	534,532	2,714,260	5,358,453
	Total Revenue	-	-	-	\$553,595	\$510,992	\$518,612	\$526,462	\$534,532	\$2,714,260	\$5,358,453
Expense											
8202	Construction	-	-	-	443,163	398,960	404,930	411,080	417,410	2,119,650	4,195,193
8204	Contingency	-	-	-	28,974	29,840	30,740	31,660	32,610	167,950	321,774
8229	Professional Services	-	-	-	19,316	19,900	20,500	21,120	21,750	112,000	214,586
8232	Project Management - Labor	-	-	-	28,571	28,571	28,571	28,571	28,571	142,855	285,710
8234	Project Management - Burdened Labor	-	-	-	28,571	28,571	28,571	28,571	28,571	142,855	285,710
8242	Utility Services	-	-	-	5,000	5,150	5,300	5,460	5,620	28,950	55,480
	Total Expense	-	-	-	\$553,595	\$510,992	\$518,612	\$526,462	\$534,532	\$2,714,260	\$5,358,453
	Net Total	-	-	-	-	-	-	-	-	-	-



Zone 4 New Water Tower

Project Number:	422New7	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	3- 10 St South/23 Ave West
Fund:	Water Construction	Location:	40.392984, -104.887923
Project Manager:	Fishlock, Keri	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Construction of a new 2MG Water Tower adjacent to the existing Water Tower. Expanding the storage capacity serving pressure Zone 4 (west Greeley).

Discussion of Progress:

Estimated demands for the city indicate need for additional storage by 2035. Design is planned for 2033 with construction in 2034.

Justification:

Additional storage is required to meet increasing water demand in Zone 4.

Impact on Operating Budget:

Increase in operations and maintenance expenses for the Transmission and Reservoirs unit.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	14,838,000	14,838,000
	Total Revenue	-	-	-	-	-	-	-	-	\$14,838,000	\$14,838,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	14,100,000	14,100,000
8229	Professional Services	-	-	-	-	-	-	-	-	700,000	700,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	19,000	19,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	19,000	19,000
	Total Expense	-	-	-	-	-	-	-	-	\$14,838,000	\$14,838,000
	Net Total	-	-	-	-	-	-	-	-	-	-





Fund 423

Water Capital Replacement

LSLIR - Phases 2-4 DWRF

Project Number:	13037	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Quality of Life
Project Type:		Regions:	
Fund:	Water Capital Replacement	Location:	
Project Manager:	Unassigned	Budget Unit #:	4234401890470000000000
Project Status:	Funded		

Description:

Activity will be updated to 89047. Colorado Drinking Water Revolving Fund Loan Program funded portion of the 12736 - Lead Service Inventory and Replacement Project.

Discussion of Progress:

The city has applied for a loan from the DWRF for a low interest subsidized loan to fund Phases 2-4 of the lead replacement project. These phases cover homes in the most at risk region of the city and represent the bulk of planned inspection and replacement activities in 2024 and 2025. Upon loan approval the city will be notified if a portion of the loan principle will be forgiven.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
5901	Loan Proceeds	-	-	12,322,850	8,587,875	-	-	-	-	20,910,725
Total Revenue		-	-	\$12,322,850	\$8,587,875	-	-	-	-	\$20,910,725
Expense										
8144	Transportation/Vehicles	-	-	25,148	-	-	-	-	-	25,148
8202	Construction	-	-	10,387,300	5,376,100	-	-	-	-	15,763,400
8226	Permits, Fees, Etc	-	-	289,400	-	-	-	-	-	289,400
8229	Professional Services	-	-	572,770	61,875	-	-	-	-	634,645
8232	Project Management - Labor	-	-	1,048,232	-	-	-	-	-	1,048,232
Total Expense		-	-	\$12,322,850	\$5,437,975	-	-	-	-	\$17,760,825
Net Total		-	-	-	\$3,149,900	-	-	-	-	\$3,149,900

Milton Seaman Caretaker House Upgrade

Project Number:	423New26	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Facilities Maintenance	Regions:	
Fund:	Water Capital Replacement	Location:	40.706892, -105.229514
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Refurbish or replace the Milton Seaman Dam Caretaker house.

Discussion of Progress:

Notified Colorado State Land Board of the project.

Justification:

The existing house was constructed in 1983 as a 3-bedroom, 1,000 square feet, modular home. Some improvements were made in 1993. The house needs major renovations or removal and replacement. That determination will be based on obtaining costs from builders and discussions with the Colorado State Land Board that owns the property. The City leases the property from the Land Board.

The caretaker house plays a crucial role in the operations of the Milton Seaman Reservoir. This reservoir features a high-hazard dam and is situated within a mile of Gateway Park. Located on the North Fork of the Poudre River, the reservoir's conditions are heavily influenced by the inflow from the North Fork. During rain events, conditions can change rapidly and unexpectedly. Since the reservoir is situated on a river, it consistently bypasses water. Throughout most of the year, diligent monitoring of reservoir levels is necessary—twice a day, seven days a week—to make gate adjustments as needed for level maintenance and controlled releases. The Greeley Bellvue Water Treatment Plant relies on the Milton Seaman Reservoir to provide water consistently throughout the year. To operate the reservoir and manage these adjustments, a Source Water Technician is needed to live on-site.

Further deterioration and potential less interest in a new caretaker after current caretaker retires this year.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	515,500	-	-	-	-	515,500
	Total Revenue	-	-	-	\$515,500	-	-	-	-	\$515,500
Expense										
8202	Construction	-	-	-	320,000	-	-	-	-	320,000
8204	Contingency	-	-	-	64,000	-	-	-	-	64,000
8208	Furniture, Fixtures & Equipment	-	-	-	30,000	-	-	-	-	30,000
8212	Land/Building Cost/Demolition	-	-	-	25,000	-	-	-	-	25,000
8216	Miscellaneous	-	-	-	16,000	-	-	-	-	16,000
8226	Permits, Fees, Etc	-	-	-	8,000	-	-	-	-	8,000
8229	Professional Services	-	-	-	32,000	-	-	-	-	32,000
8235	Real Estate - Internal Chgs Only	-	-	-	2,500	-	-	-	-	2,500
8242	Utility Services	-	-	-	3,000	-	-	-	-	3,000
8244	Capital Equipment >\$5,000	-	-	-	15,000	-	-	-	-	15,000
	Total Expense	-	-	-	\$515,500	-	-	-	-	\$515,500
	Net Total	-	-	-	-	-	-	-	-	-



Risk & resiliency Study and Emergency Response Plan Update - Water

Project Number:	423New19	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Studies	Regions:	
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

5-year update of the Risk and Resiliency Study and Emergency Response Plan for Water. Study will inform future operating and capital budgets by identifying critical improvements to harden the system from physical attack and protect against natural events.

Discussion of Progress:

Planned for update in 2025 and 2030.

Justification:

Regulatory Requirement and best practice for the department to keep up to date evaluations of the system status and emergency response plans.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	125,000	-	-	-	-	245,000	370,000
	Total Revenue	-	-	-	\$125,000	-	-	-	-	\$245,000	\$370,000
Expense											
8229	Professional Services	-	-	-	125,000	-	-	-	-	245,000	370,000
	Total Expense	-	-	-	\$125,000	-	-	-	-	\$245,000	\$370,000
	Net Total	-	-	-	-	-	-	-	-	-	-

Risk and Resiliency Projects

Project Number:	12625	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	5- Outside City , 1- 16 St North/35 Ave East
Fund:	Water Capital Replacement	Location:	Multiple Water System Sites
Project Manager:	Prior, Adam	Budget Unit #:	4234401890240000000000
Project Status:	Funded		

Description:

A Risk & Resiliency Assessment (RRA) was completed in March of 2020 by the City of Greeley and Merrick & Company to considers man-made hazards, natural hazards, and dependency hazards (interruptions of supply chains or proximity to dangerous sites). Threat characterization was also performed to identify general and specific threat scenarios to serve as reference threats to Greeley's water system. The projects identified in this budget had some of the higher systems threats and consequences to the water system that will be mitigated with this project.

Discussion of Progress:

Completing projects identified in 2021 study. Project focuses on physical security complementing EPA and State Regulation Driven Cybersecurity Upgrades Project.

Justification:

A Risk & Resiliency Assessment (RRA) was completed in March of 2020 by the City of Greeley and Merrick & Company to consider man-made hazards, natural hazards, and dependency hazards (interruptions of supply chains or proximity to dangerous sites). Threat characterization was also performed to identify general and specific threat scenarios to serve as reference threats to Greeley's water system. The projects identified in this budget had some of the higher systems threats and consequences to the water system that will be mitigated with this project. Projects include site security, access control to the facilities, fencing, and other projects identified by the RRA.

In March 2023, USEPA promulgated new cyber security regulations identifying water utilities as critical national infrastructure and promoting their automation and control system to the level of DoD equivalent facilities and the requisite security requirements.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	1,181,219	-	-	741,600	285,000	-	2,207,819
	Total Revenue	-	-	\$1,181,219	-	-	\$741,600	\$285,000	-	\$2,207,819
Expense										
8148	Computer And Software	-	-	56,851	-	-	137,000	-	-	193,851
8202	Construction	-	-	986,700	-	-	495,500	250,000	-	1,732,200
8204	Contingency	-	-	79,705	-	-	99,100	25,000	-	203,805
8232	Project Management - Labor	-	-	14,997	-	-	5,000	5,000	-	24,997
8234	Project Management - Burdened Labor	-	-	-	-	-	5,000	5,000	-	10,000
8244	Capital Equipment >\$5,000	-	-	42,966	-	-	-	-	-	42,966
	Total Expense	-	-	\$1,181,219	-	-	\$741,600	\$285,000	-	\$2,207,819
	Net Total	-	-	-	-	-	-	-	-	-



SCADA Upgrades High Mountain Reservoirs

Project Number:	12745	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	High Mountain Reservoirs
Project Manager:	Duve, Ryan	Budget Unit #:	4234401890200000000000
Project Status:	Funded		

Description:

Upgrading System Control and Data Acquisition (SCADA) for the high mountain reservoirs to meet upgraded regulations required by state engineer's office. This will reduce the need to staff to physically monitor with the use of new equipment.

Discussion of Progress:

Procurement of buildings to house equipment in progress. Electrical/Controls Engineer hired. Construction planned for 2023-2025.

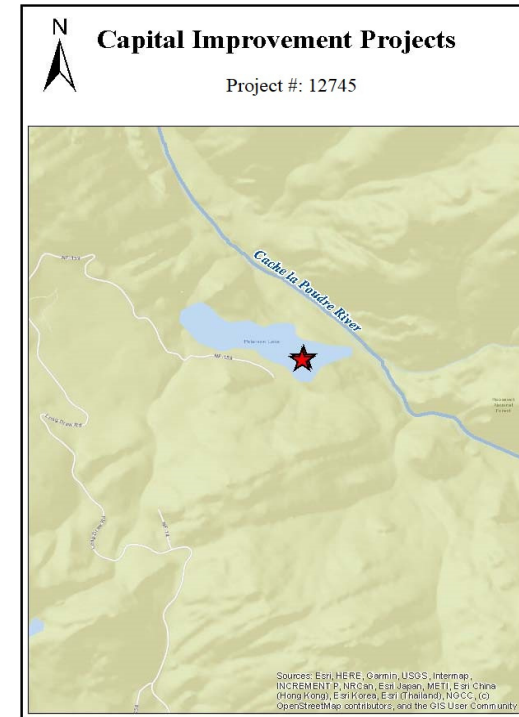
Justification:

Given how remote Greeley's high mountain reservoirs are, SCADA upgrades are critical to ensure that these high-hazard dams continue to operate safely

Impact on Operating Budget:

Reduced safety risks by personnel working in the mountains.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	244,371	143,000	-	-	-	-	387,371
	Total Revenue	-	-	\$244,371	\$143,000	-	-	-	-	\$387,371
Expense										
8202	Construction	-	-	195,672	112,000	-	-	-	-	307,672
8204	Contingency	-	-	20,600	11,000	-	-	-	-	31,600
8229	Professional Services	-	-	20,600	11,000	-	-	-	-	31,600
8232	Project Management - Labor	-	-	7,499	4,000	-	-	-	-	11,499
8234	Project Management - Burdened Labor	-	-	-	5,000	-	-	-	-	5,000
	Total Expense	-	-	\$244,371	\$143,000	-	-	-	-	\$387,371
	Net Total	-	-	-	-	-	-	-	-	-



North Boomerang Non-Pot Pump Station Replacement

Project Number:	12910	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	4 - 10 St North/23 Ave West
Fund:	Water Capital Replacement	Location:	7309 W 4th Street
Project Manager:	Duve, Ryan	Budget Unit #:	4234401890230000000000
Project Status:	Funded		

Description:

The North Boomerang Pump Station is used to irrigate the North 9 course of the Boomerang Links Golf Course. This project includes the total replacement of the existing pump station that was constructed in 1992. The project also includes upsizing the intake pipe between the storage pond and wet well and lining of the storage pond.

Discussion of Progress:

Water and Sewer met with Culture, Parks, and Recreation to coordinate the two projects. Design is planned for 2024 with construction in 2025.

Justification:

This pump station is over 30 years old and is the oldest pump station in the non-pot system. This pump station has passed its useful life. CPRD is planning a total replacement of the North 9 Course irrigation system and this project would be completed in conjunction of the irrigation system replacement. Upsizing of the station with replacement will allow new customers to be served by the station and increase the expanse of the city's non-potable irrigation system.

Impact on Operating Budget:

Operations costs are expected to be similar to those of the existing non-potable pump station.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	300,000	3,665,000	-	-	-	-	3,965,000
	Total Revenue	-	-	\$300,000	\$3,665,000	-	-	-	-	\$3,965,000
Expense										
8202	Construction	-	-	-	3,165,000	-	-	-	-	3,165,000
8204	Contingency	-	-	-	310,000	-	-	-	-	310,000
8229	Professional Services	-	-	285,000	100,000	-	-	-	-	385,000
8232	Project Management - Labor	-	-	15,000	30,000	-	-	-	-	45,000
8234	Project Management - Burdened Labor	-	-	-	30,000	-	-	-	-	30,000
8242	Utility Services	-	-	-	30,000	-	-	-	-	30,000
	Total Expense	-	-	\$300,000	\$3,665,000	-	-	-	-	\$3,965,000
	Net Total	-	-	-	-	-	-	-	-	-



Cottonwood Park Non-Potable Pond Lining

Project Number:	423New13	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	1- 16 St North/35 Ave East
Fund:	Water Capital Replacement	Location:	Cottonwood Park, 26th Ave and 19th St. Rd.
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Project will install a plastic pond liner within Cottonwood Pond.

Discussion of Progress:

Project is planned for 2033.

Justification:

Cottonwood Pond is known to leak. It was reportedly lined with Bentonite about 15 years ago but may have developed leaks when it was dredged around 10 years ago. The Water Conservation Report suggested a relatively modest 10 Acre Feet loss per year. This was estimated by assuming that the shoulder tap draw during the winter was equal to the seepage losses (as seepage loss is the only water loss occurring during the winter when ice covers the pond, and the outlet structure is not flowing). This is likely an underestimate. For comparison the loss due to evaporation is estimated at 7.2 Acre Feet per year.

Revenue Detail:

No additional information

Impact on Operating Budget:

Continued loss of raw water through seepage.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	1,533,200	1,533,200
	Total Revenue	-	-	-	-	-	-	-	-	\$1,533,200	\$1,533,200
Expense											
8202	Construction	-	-	-	-	-	-	-	-	1,256,000	1,256,000
8204	Contingency	-	-	-	-	-	-	-	-	188,400	188,400
8229	Professional Services	-	-	-	-	-	-	-	-	62,800	62,800
8232	Project Management - Labor	-	-	-	-	-	-	-	-	13,000	13,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	13,000	13,000
	Total Expense	-	-	-	-	-	-	-	-	\$1,533,200	\$1,533,200
	Net Total	-	-	-	-	-	-	-	-	-	-



Grapevine Tailwater Pipeline Partial Replacement

Project Number:	423New25	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	
Fund:	Water Capital Replacement	Location:	5801 11th St & 901 54th Ave
Project Manager:	Duve, Ryan	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Replace a section of the Grapevine Tailwater Pipeline that runs through Wells Fargo's parking lot. Slip line the 12" Corrugated Metal Pipe that crosses 10th Street. Construct new lateral to NBCE's irrigation pond.

Discussion of Progress:

A topographic survey was completed in 2022 of NBCE's property for design and construction of a new lateral that provide additional pressure to improve flow and improve flow control to fill their pond.

Justification:

The current system requires backing up water by partially closing a valve downstream of the currently lateral that supplies water to NBCE's irrigation pond to supply sufficient pressure to fill the pond. Backing up the pipeline causes leaking where water surfaces on the south side of 10th Street in the proximity of the sidewalk. A sinkhole developed in this location within 10th Street in 2023 and required coordination with CDOT to repair. The current system is difficult to operate requiring additional operations manhours. Additionally, Operations can't control the amount of flow that comes down the Grapevine ditch that feeds NBCE which leads to problems when we having to back the water up to get it to the pond.

Revenue Detail:

No additional information

Impact on Operating Budget:

This project will reduce operational manhours.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	324,000	-	-	-	-	324,000
	Total Revenue	-	-	-	\$324,000	-	-	-	-	\$324,000
Expense										
8202	Construction	-	-	-	218,000	-	-	-	-	218,000
8204	Contingency	-	-	-	76,000	-	-	-	-	76,000
8226	Permits, Fees, Etc	-	-	-	15,000	-	-	-	-	15,000
8229	Professional Services	-	-	-	15,000	-	-	-	-	15,000
	Total Expense	-	-	-	\$324,000	-	-	-	-	\$324,000
	Net Total	-	-	-	-	-	-	-	-	-



Lake Loveland Tower Cover

Project Number:	N669	Budget Year:	2025
Division:	WATER GENERAL MANAGEMENT	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Lake Loveland
Project Manager:	Goodwin, Stephen	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Remove and replace 1 fiberglass cover over the Lake Loveland intake tower.

Discussion of Progress:

Planned for late 2026.

Justification:

The existing cover is part of the original equipment installed in 1967. The current cover is failing from age. The failure of this cover will expose electrical equipment that was recently replaced inside.

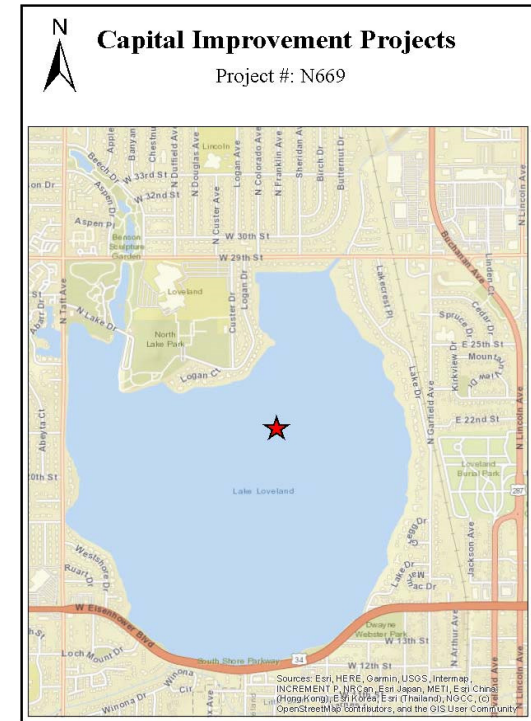
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	-	290,000	-	290,000
	Total Revenue	-	-	-	-	-	-	\$290,000	-	\$290,000
Expense										
8202	Construction	-	-	-	-	-	-	150,000	-	150,000
8204	Contingency	-	-	-	-	-	-	100,000	-	100,000
8232	Project Management - Labor	-	-	-	-	-	-	20,000	-	20,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	20,000	-	20,000
	Total Expense	-	-	-	-	-	-	\$290,000	-	\$290,000
	Net Total	-	-	-	-	-	-	-	-	-



Ancillary System Improvements

Project Number:	12479	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	4234401890070000000000
Project Status:	Funded		

Description:

This program provides contributions for capital repairs of irrigation ditches and pumping systems of which the City is part owner.

Discussion of Progress:

The W&S Raw Water Operations utilizes this budget on as needed basis. W&S Engineering and Raw Water Operations Dept. inspected the Bittersweet Ditch 4/13/23 and found sections of ditch that need cleaning and installation of pipe to prevent future maintenance and maintain ditch capacity.

Justification:

As a part owner of various irrigation ditches, the department has the responsibility to participate in the cost and maintenance of aging ditch and lateral infrastructure.

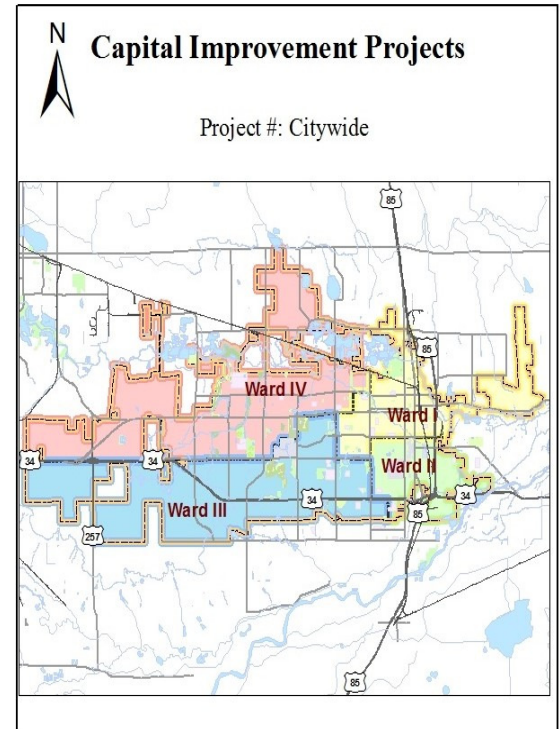
Revenue Detail:

No additional information

Impact on Operating Budget:

Cost savings to City by maintaining and or improving system efficiency.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	53,464	-	50,000	52,000	54,000	56,000	58,000	60,000	328,000	711,464
5801	Sales Of Fixed Assets	-14,306	-	-	-	-	-	-	-	-	-14,306
Total Revenue		\$39,158	-	\$50,000	\$52,000	\$54,000	\$56,000	\$58,000	\$60,000	\$328,000	\$697,158
Expense											
8202	Construction	-8,660	-	50,000	52,000	54,000	56,000	58,000	60,000	328,000	649,340
8232	Project Management	47,818	-	-	-	-	-	-	-	-	47,818
Total Expense		\$39,158	-	\$50,000	\$52,000	\$54,000	\$56,000	\$58,000	\$60,000	\$328,000	\$697,158
Net Total		-	-	-	-	-	-	-	-	-	-



Non-Potable Replacement Rehabilitation

Project Number:	12586	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Duve, Ryan	Budget Unit #:	4234401890120000000000
Project Status:	Funded		

Description:

This item funds replacement or rehabilitation of non-potable pumps, piping, ponds, and related equipment, as well as expanding sites we currently have to add new customers. This is an on-going project.

Discussion of Progress:

W&S continues to maintain the City's non-potable water system by rebuilding pumps, replacing filters, repairing and or replacing piping that has corroded.

Justification:

Maintaining and repairing the City's non-potable assets ensures that the non-potable water system operates at peak efficiency and is reliable to deliver irrigation water to parks, golf courses, campuses, etc.

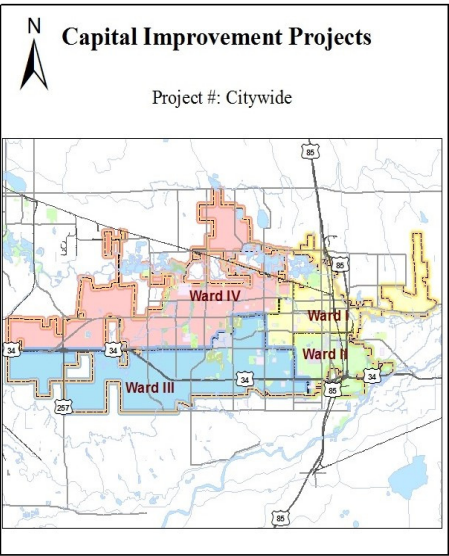
Revenue Detail:

No additional information

Impact on Operating Budget:

The non-potable division has taken on assets that were being maintained by Parks. The electric budget in operating has increased to account for the increased pumping capacity.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	295,395	-	1,082,146	702,000	490,100	513,500	537,000	560,800	3,144,300	7,325,241
	Total Revenue	\$295,395	-	\$1,082,146	\$702,000	\$490,100	\$513,500	\$537,000	\$560,800	\$3,144,300	\$7,325,241
Expense											
8202	Construction	227,015	-	871,365	559,400	338,500	352,900	367,400	382,200	2,125,300	5,224,080
8204	Contingency	1,442	-	49,600	57,600	59,600	61,600	63,600	65,600	356,000	715,042
8212	Land/Building Cost/Demolition	-	-	5,000	-	-	-	-	-	-	5,000
8216	Miscellaneous	72,813	-	-	-	-	-	-	-	-	72,813
8224	Operating Supplies	32,393	-	1,000	-	-	-	-	-	-	33,393
8229	Professional Services	-42,386	-	95,161	32,000	34,000	36,000	38,000	40,000	228,000	460,775
8232	Project Management	3,185	-	-	-	-	-	-	-	-	3,185
8234	Project Management - Burdened Labor	-	-	-	16,000	17,000	18,000	19,000	20,000	114,000	204,000
8244	Capital Equipment >\$5,000	705	-	30,020	21,000	24,000	27,000	30,000	33,000	207,000	372,725
	Total Expense	\$295,395	-	\$1,082,146	\$702,000	\$490,100	\$513,500	\$537,000	\$560,800	\$3,144,300	\$7,325,241
	Net Total	-	-	-	-	-	-	-	-	-	-



Milton Seaman Outlet Works

Project Number:	12576	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Milton Seaman Reservoir
Project Manager:	Duve, Ryan	Budget Unit #:	4234401890160000000000
Project Status:	Funded		

Description:

Complete design and construction of replacement outlet gates and engineering evaluation to determine if a multi-outlet tower can be integrated at a later time to the proposed design of the outlet gates replacement project.

Discussion of Progress:

An engineering evaluation of alternatives and preliminary design to replace the original reservoir outlet gates was completed in 2017. Met with AECOM in February 2022 to discuss scope for additional study for integrating a multi-tower inlet.

The final designs and construction have been postponed until 2025 and 2026 due to budgetary constraints.

Justification:

The original gates have withstood over 60 years of submergence in an anaerobic condition. The cast iron gate leaf seal channels have corroded and eroded to the point of compromising the brass seals allowing about 9 acre-feet/day to leak past the gates. This water is lost and can not be credited to our account.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	46,430	-	54,000	220,000	5,537,900	-	-	-	5,858,330
	Total Revenue	\$46,430	-	\$54,000	\$220,000	\$5,537,900	-	-	-	\$5,858,330
Expense										
8202	Construction	40,651	-	-	-	4,746,000	-	-	-	4,786,651
8208	Furniture, Fixtures & Equipment	-	-	-	-	711,900	-	-	-	711,900
8229	Professional Services	2,154	-	-	200,000	-	-	-	-	202,154
8232	Project Management	1,350	-	-	-	-	-	-	-	1,350
8234	Project Management - Burdened Labor	-	-	4,000	10,000	40,000	-	-	-	54,000
	Total Expense	\$46,430	-	\$54,000	\$220,000	\$5,537,900	-	-	-	\$5,858,330
Net Total		-	-	-	-	-	-	-	-	-



Bellvue Intake Maintenance Phase 2

Project Number:	A307	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Supply	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Bellvue Water Treatment Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4231060890080000000000
Project Status:	Funded		

Description:

This project will repair damages to the Bellvue raw water intake (including patching exposed rebar in the weir, resurfacing the weir, and replacing a failing retaining wall) that were identified during construction of the 2017 maintenance project.

Discussion of Progress:

Design was completed for Phase 2 in 2019. Construction has been pushed back to 2029 due to higher priority needs in the capital program.

Justification:

Without this project, the damage to the weir and downstream retaining wall will continue to grow; the repair will be more extensive; and the repair costs will be more expensive.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	182	-	-	-	-	-	-	8,300,000	165,000	8,465,182
	Total Revenue	\$182	-	-	-	-	-	-	\$8,300,000	\$165,000	\$8,465,182
Expense											
8202	Construction	-	-	-	-	-	-	-	3,000,000	-	3,000,000
8204	Contingency	-	-	-	-	-	-	-	5,000,000	-	5,000,000
8216	Miscellaneous	-	-	-	-	-	-	-	100,000	-	100,000
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	10,000	-	10,000
8229	Professional Services	-	-	-	-	-	-	-	100,000	75,000	175,000
8232	Project Management	182	-	-	-	-	-	-	-	-	182
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	45,000	45,000	90,000
	Total Expense	\$182	-	-	-	-	-	-	\$8,300,000	\$165,000	\$8,465,182
	Net Total	-	-	-	-	-	-	-	-	-	-



23rd Avenue Reservoir Replacements

Project Number:	12916	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	2- 16 St South/23 Ave East
Fund:	Water Capital Replacement	Location:	2503 RESERVOIR RD
Project Manager:	Paulson, James	Budget Unit #:	4234401890360000000000
Project Status:	Funded		

Description:

Demolition of 2 out of service reservoirs, design and construct piping replacements, upgrades. Design and construct a new SMG treated water storage tank in the 2031+ time frame.

Discussion of Progress:

Piping rehab design in 2024, construction in 2025.

Justification:

Three reservoirs at 23rd Ave were taken out of service due to regulatory compliance issues in 2022. Treated water storage capacity will need to replace the long-range capacity based on Master Plan. In the near term the site needs to be cleaned up, the out of service tanks demolished or repurposed, and piping for Pressure Zone 1 needs to be updated to utilize Mosier Hill storage.

Revenue Detail:

The department is seeking a subsidized loan from the Colorado Drinking Water Revolving Fund for up to 50% of the costs to mitigate some of the impacts to rate payers of the near term plans. Revolving fund loans would likely be an option for the future replacement assuming the state continues the program.

Impact on Operating Budget:

Limited inspections and maintenance items will need to be included in operations budget. Reduced O&M compared to previous tanks.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	3,510,000	4,035,000	20,000	-	-	-	12,920,000	20,485,000
	Total Revenue	-	-	\$3,510,000	\$4,035,000	\$20,000	-	-	-	\$12,920,000	\$20,485,000
Expense											
8202	Construction	-	-	2,500,000	3,250,000	-	-	-	-	10,000,000	15,750,000
8204	Contingency	-	-	225,000	590,000	-	-	-	-	900,000	1,715,000
8212	Land/Building Cost/Demolition	-	-	750,000	-	-	-	-	-	-	750,000
8229	Professional Services	-	-	-	125,000	-	-	-	-	1,900,000	2,025,000
8232	Project Management - Labor	-	-	35,000	35,000	10,000	-	-	-	60,000	140,000
8234	Project Management - Burdened Labor	-	-	-	35,000	10,000	-	-	-	60,000	105,000
	Total Expense	-	-	\$3,510,000	\$4,035,000	\$20,000	-	-	-	\$12,920,000	\$20,485,000
	Net Total	-	-	-	-	-	-	-	-	-	-



Mosier Reservoir Rehab and Optimization

Project Number:	12917	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	4 - 10 St North/23 Ave West
Fund:	Water Capital Replacement	Location:	Mosier Reservoir 13th St and 58th Ave
Project Manager:	Fishlock, Keri	Budget Unit #:	4234401890350000000000
Project Status:	Funded		

Description:

Design and construction of modifications based on the Optimization Study completed in 2023 to the existing reservoir facility to improve the facility, replace outdated electrical equipment, add in SCADA for the site, and improvements to the north pump station to pump into zone 2.

Discussion of Progress:

Design planned for 2024 with construction to start in 2025.

Justification:

There has not been any major modifications or rehab to the facility since it was built in 1962 and the north pump station that was built in 1973. The proposed improvements will improve water quality, reducing energy use, eliminate the risk of electrical failure, reduce pressures in zone 3, improve operations of the facility.

Revenue Detail:

No additional information

Impact on Operating Budget:

Anticipated a yet to be determined decrease in O&M budget from an extensive rehab of the site and reducing electricity costs for pumping.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	675,000	2,750,000	2,250,000	300,000	4,450,000	-	10,425,000
	Total Revenue	-	-	\$675,000	\$2,750,000	\$2,250,000	\$300,000	\$4,450,000	-	\$10,425,000
Expense										
8202	Construction	-	-	-	2,000,000	2,000,000	-	4,000,000	-	8,000,000
8204	Contingency	-	-	-	200,000	200,000	-	400,000	-	800,000
8229	Professional Services	-	-	650,000	500,000	-	250,000	-	-	1,400,000
8232	Project Management - Labor	-	-	25,000	25,000	25,000	25,000	25,000	-	125,000
8234	Project Management - Burdened Labor	-	-	-	25,000	25,000	25,000	25,000	-	100,000
	Total Expense	-	-	\$675,000	\$2,750,000	\$2,250,000	\$300,000	\$4,450,000	-	\$10,425,000
	Net Total	-	-	-	-	-	-	-	-	-



9th and 10th Streets Waterline Replacement

Project Number:	12918	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	1- 16 St North/35 Ave East
Fund:	Water Capital Replacement	Location:	9th and 10th Streets from 10th Ave to 23rd Ave
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890390000000000
Project Status:	Funded		

Description:

Install 8" waterline to replace the existing 4" and 6" mainline on 9th and 10th Streets and making system connections in collaboration with the Public Works road project.

Discussion of Progress:

Design planned for 2024 with construction to start in 2026 and 2027.

Justification:

Portions of this project were identified as part of the Water Transmission and Distribution Master Plan as necessary for fire flow. The existing waterline on 9th Street is 4" and over 100 years old. 10th Street has 4" and 6" waterlines built in the 1940s and 1960s with several leaks. Public Works is planning major reconstruction and reconfiguration of the overlying roadways.

Revenue Detail:

No additional information

Impact on Operating Budget:

New pipe is replacing existing aging infrastructure, which will decrease the likelihood of leaks in this area and protect the new roadway infrastructure from damage due to waterline leaks.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	150,000	-	1,717,500	1,717,500	-	-	3,585,000
	Total Revenue	-	-	\$150,000	-	\$1,717,500	\$1,717,500	-	-	\$3,585,000
Expense										
8202	Construction	-	-	-	-	1,476,563	1,476,563	-	-	2,953,126
8204	Contingency	-	-	-	-	140,625	140,625	-	-	281,250
8229	Professional Services	-	-	135,000	-	70,312	70,312	-	-	275,624
8232	Project Management - Labor	-	-	15,000	-	15,000	15,000	-	-	45,000
8234	Project Management - Burdened Labor	-	-	-	-	15,000	15,000	-	-	30,000
	Total Expense	-	-	\$150,000	-	\$1,717,500	\$1,717,500	-	-	\$3,585,000
	Net Total	-	-	-	-	-	-	-	-	-



Island Grove Park Waterline Replacement

Project Number:	12919	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	1- 16 St North/35 Ave East
Fund:	Water Capital Replacement	Location:	D Street from 11th Ave to 15th Ave
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890400000000000
Project Status:	Funded		

Description:

Install 16" waterline to replace the existing 8" on D Street (Vern Schaffer Boulevard) from 11th Ave to 14th Ave and abandon the existing 12" through the park. This project also replaces the 4" waterline from 14th Ave to 15th Ave with an 8" waterline to enhance fire flows to Island Grove Park.

Discussion of Progress:

Project in pre-design with construction to start in 2026.

Justification:

This project was identified as three projects in the Water Transmission and Distribution Master Plan that were necessary to replace aging infrastructure, provide capacity improvements, and for fire flow. The existing waterlines are 16" and 4".

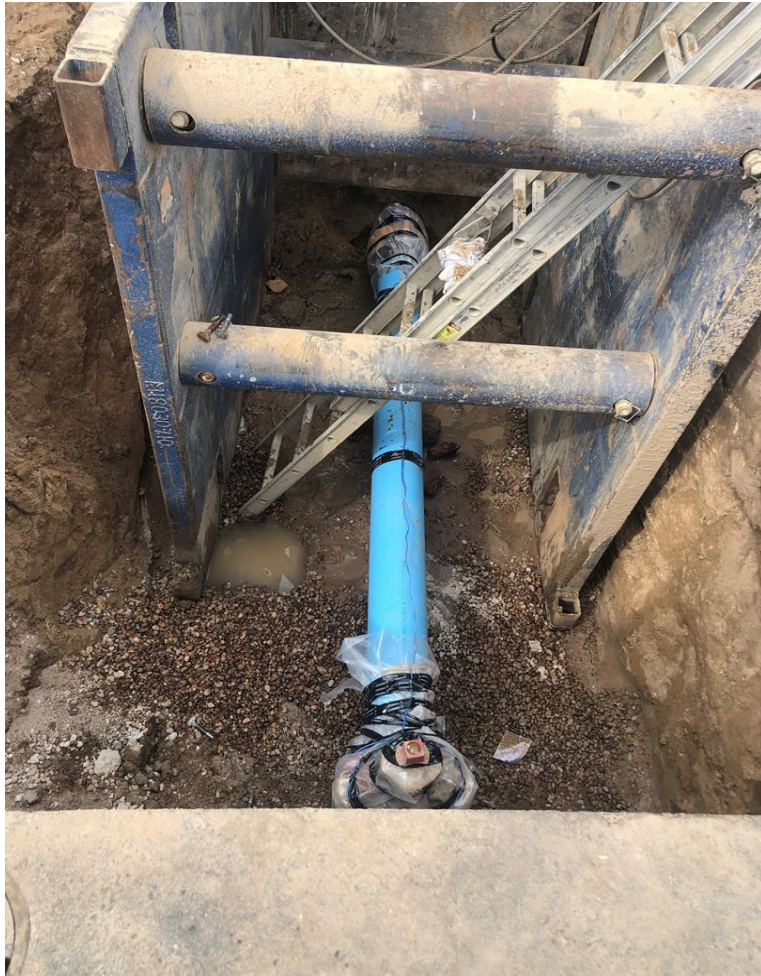
Revenue Detail:

No additional information

Impact on Operating Budget:

New pipe is replacing existing aging infrastructure, which will decrease the likelihood of leaks in this area. The total pipe in the system will decrease reducing future operational costs. This project also has capacity improvements to provide better protection for fire flow.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	133,000	138,000	1,625,000	-	-	-	1,896,000
	Total Revenue	-	-	\$133,000	\$138,000	\$1,625,000	-	-	-	\$1,896,000
Expense										
8202	Construction	-	-	-	-	1,052,000	-	-	-	1,052,000
8204	Contingency	-	-	-	-	368,000	-	-	-	368,000
8229	Professional Services	-	-	128,000	128,000	185,000	-	-	-	441,000
8232	Project Management - Labor	-	-	5,000	5,000	10,000	-	-	-	20,000
8234	Project Management - Burdened Labor	-	-	-	5,000	10,000	-	-	-	15,000
	Total Expense	-	-	\$133,000	\$138,000	\$1,625,000	-	-	-	\$1,896,000
	Net Total	-	-	-	-	-	-	-	-	-



Transmission System Corrosion Protection

Project Number:	12920	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	5- Outside City , 0 - All Wards
Fund:	Water Capital Replacement	Location:	Boyd and Bellvue WTP to Citywide
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890430000000000
Project Status:	Funded		

Description:

Evaluate, repair, and enhance the cathodic protection system throughout the transmission system. Develop a systematic approach to maintain and improve the corrosion protection measures for the water conveyance system with a focus on risk analysis, mitigation review, prioritization, completion of Linear Resistance Survey (LRS), electrical isolation, continuity repairs, and installation of new testing stations with remote monitoring. This project will also include review and incorporation of external corrosion control practices into Greeley's current standards and evaluation and repair for corrosion protection for the treatment plants and storage reservoirs in the later stages of project after the issues and repairs to the water conveyance systems are addressed.

Discussion of Progress:

This is a multi-year project to correct cathodic protection issues. Surveys and initial work are starting in 2024.

Justification:

The condition assessment in 2019 found that most of Greeley's transmission pipes were unprotected from corrosion, likely due to electrical isolation and continuity issues. Numerous studies have shown that a proactive, comprehensive external corrosion control program can extend the life of an asset nearly indefinitely. Corrosion remains the #1 threat to today's aging infrastructure and if not properly mitigated, can result in operational outages, substantial repair or replacement costs, and/or life-threatening and environmental damage. A properly designed and implemented external corrosion control program can be implemented for less than 10% of the total replacement cost of an asset, therefore making it a viable and cost-effective solution to maintain critical infrastructure.

The Master Plan identifies rehab of the existing infrastructure. A properly maintained cathodic protection will extend the life of existing infrastructure which will delay the need for rehabilitation or replacement.

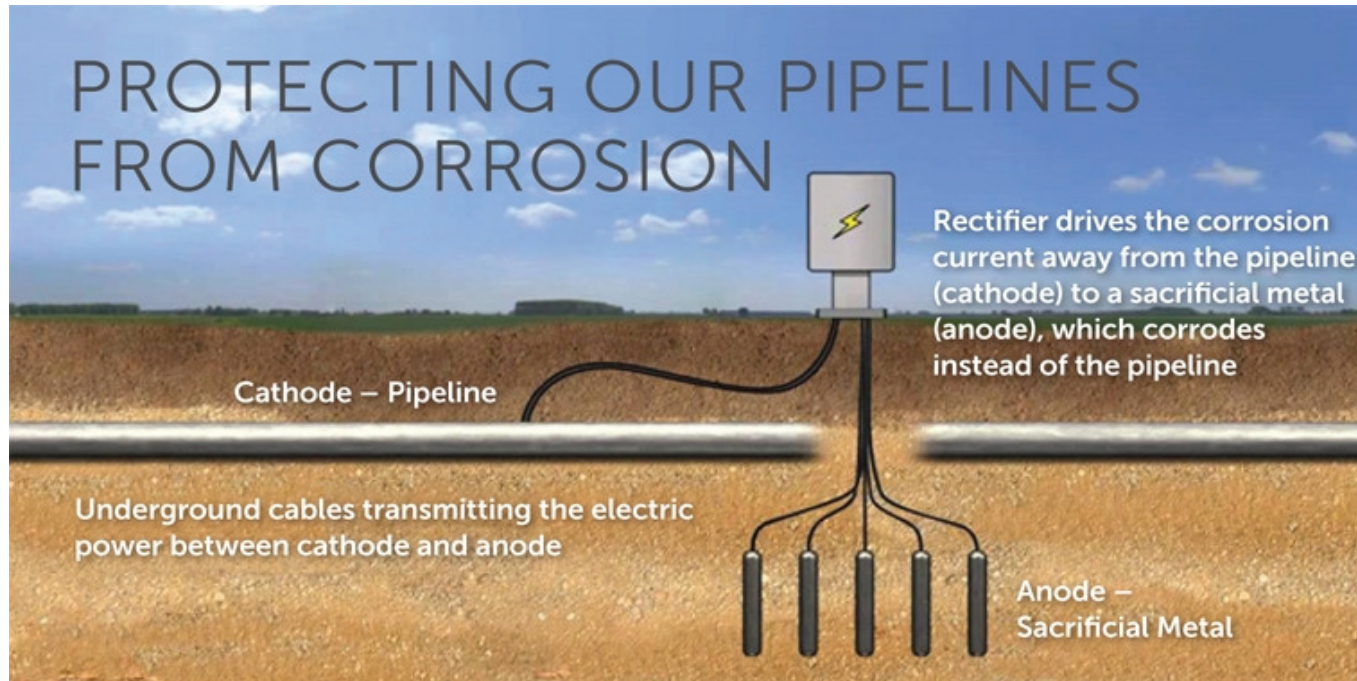
Revenue Detail:

No additional information

Impact on Operating Budget:

Properly maintained corrosion protection will reduce the likelihood of leaks in the transmission system.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	582,300	283,800	365,000	365,000	365,000	280,000	350,000	2,591,100
	Total Revenue	-	-	\$582,300	\$283,800	\$365,000	\$365,000	\$365,000	\$280,000	\$350,000	\$2,591,100
Expense											
8202	Construction	-	-	491,000	192,900	300,000	300,000	300,000	225,000	295,000	2,103,900
8204	Contingency	-	-	49,100	55,700	30,000	30,000	30,000	20,000	20,000	234,800
8229	Professional Services	-	-	37,200	25,200	25,000	25,000	25,000	25,000	25,000	187,400
8232	Project Management - Labor	-	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	35,000
8234	Project Management - Burdened Labor	-	-	-	5,000	5,000	5,000	5,000	5,000	5,000	30,000
	Total Expense	-	-	\$582,300	\$283,800	\$365,000	\$365,000	\$365,000	\$280,000	\$350,000	\$2,591,100
	Net Total	-	-	-	-	-	-	-	-	-	-



Zone 4 Electrical Upgrade

Project Number:	12921	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	40.393355, -104.887573
Project Manager:	Finch, Mathew	Budget Unit #:	4234401890260000000000
Project Status:	Funded		

Description:

Upgrade of the electrical equipment serving the distribution system for Zone 4 at the Gold Hill tank site. The project will be to replace and relocate the Variable Frequency Drives (VFD) for the water pumps used at the tank site. Additionally, the project will replace the electrical transformers and other equipment that have reached their end of life and simultaneously upgrade the safety and protection for personnel on the site.

Discussion of Progress:

Lead times of up to two years are forecasted for new electrical transformers so the schedule is to order those and the VFDs in 2024 with construction planned for 2026.

Justification:

The current electrical equipment serving Zone 4 at the Gold Hill tank site is at end of life. The transformer needs to be replaced to due to making a lot of noise. The VFDs for the water pumps are located in the pump station underground and need to be relocated to the upstairs electrical building. Having the VFD below grade in the pump station is a safety risk to the operators and maintenance staff. If the electrical equipment fails, the pump station will be without power, and it increases the risk of someone getting killed or hurt in the in the event of a fault in the vault.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	305,000	-	350,000	-	-	-	655,000
	Total Revenue	-	-	\$305,000	-	\$350,000	-	-	-	\$655,000
Expense										
8202	Construction	-	-	-	-	300,000	-	-	-	300,000
8204	Contingency	-	-	-	-	50,000	-	-	-	50,000
8229	Professional Services	-	-	30,000	-	-	-	-	-	30,000
8244	Capital Equipment >\$5,000	-	-	275,000	-	-	-	-	-	275,000
	Total Expense	-	-	\$305,000	-	\$350,000	-	-	-	\$655,000
	Net Total	-	-	-	-	-	-	-	-	-



Transmission Lines 1 and 2 Reroute and Rehab - Schneider

Project Number:	12922	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	4 - 10 St North/23 Ave West
Fund:	Water Capital Replacement	Location:	83rd Ave and 4th St to 10th St at the Schneider Farm Development
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890440000000000
Project Status:	Funded		

Description:

This is a relocation and rehab of the existing Bellvue Transmission Line #1 (24") and #2 (20") which were installed in 1993 and 1931. This will relocate the line along 83rd Ave and 4th St to a 36" single water line. We anticipate that this project will be completed by the Schneider Developer as part of the development with a yet to be finalized contribution from the city.

Discussion of Progress:

Construction planned for 2024.

Justification:

The existing 1993 Bellvue Transmission Line #1 (24") is in fair condition and the 1931 Bellvue Transmission Line #2 (20") is in poor condition. This project allows for collaboration with the developer to reduce costs for rehab and save the W&S fund about \$1 million. Master Plan identifies rehab of existing infrastructure.

Revenue Detail:

Negotiations need to be finalized but we anticipate that Greeley will share the construction costs with the developer.

Impact on Operating Budget:

Reduced concerns for protecting the old lines and repairs to the 1991 cast iron joints that can leak.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	1,681,200	95,000	-	-	-	-	1,776,200
	Total Revenue	-	-	\$1,681,200	\$95,000	-	-	-	-	\$1,776,200
Expense										
8202	Construction	-	-	1,442,000	-	-	-	-	-	1,442,000
8204	Contingency	-	-	144,200	-	-	-	-	-	144,200
8229	Professional Services	-	-	75,000	75,000	-	-	-	-	150,000
8232	Project Management - Labor	-	-	20,000	10,000	-	-	-	-	30,000
8234	Project Management - Burdened Labor	-	-	-	10,000	-	-	-	-	10,000
	Total Expense	-	-	\$1,681,200	\$95,000	-	-	-	-	\$1,776,200
	Net Total	-	-	-	-	-	-	-	-	-



Transmission Lines 1 and 2 Rehab - Cache to Poudre River

Project Number:	12923	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	5- Outside City , 4 - 10 St North/23 Ave West
Fund:	Water Capital Replacement	Location:	4th St and 89th Ave to the Poudre River
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890450000000000
Project Status:	Funded		

Description:

This project is the replacement of the existing Bellvue Transmission Line #1 (24") and #2 (20") which were installed in 1993 and 1931. This will replace the lines in the same alignment as a 36" single water line.

Discussion of Progress:

Pre-Design

Justification:

The existing 1993 Bellvue Transmission Line #1 (24") is in fair condition and the 1931 Bellvue Transmission Line #2 (20") is in poor condition. This project addresses existing issues and reduces the overall length of waterline to be maintained in the future. Master Plan identifies rehab of existing infrastructure.

Revenue Detail:

No additional information

Impact on Operating Budget:

Reduced concerns for protecting the old lines and repairs to the 1991 cast iron joints that can leak.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	380,000	4,037,900	-	-	430,000	4,444,250	9,292,150
	Total Revenue	-	-	\$380,000	\$4,037,900	-	-	\$430,000	\$4,444,250	\$9,292,150
Expense										
8202	Construction	-	-	-	3,698,000	-	-	-	4,085,000	7,783,000
8204	Contingency	-	-	-	184,900	-	-	-	204,250	389,150
8229	Professional Services	-	-	325,000	75,000	-	-	350,000	75,000	825,000
8232	Project Management - Labor	-	-	40,000	40,000	-	-	40,000	40,000	160,000
8234	Project Management - Burdened Labor	-	-	-	40,000	-	-	40,000	40,000	120,000
8235	Real Estate - Internal Chgs Only	-	-	15,000	-	-	-	-	-	15,000
	Total Expense	-	-	\$380,000	\$4,037,900	-	-	\$430,000	\$4,444,250	\$9,292,150
	Net Total	-	-	-	-	-	-	-	-	-

8th Avenue Waterline Replacement

Project Number:	423New16	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	2- 16 St South/23 Ave East
Fund:	Water Capital Replacement	Location:	8th Ave from 5th St. to 25th St
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890040000000000
Project Status:	Funded		

Description:

Project is to Install 8-12" waterline to replace the existing 4-12" mainline on 8th Avenue in collaboration with the Public Works road project.

Discussion of Progress:

Pre-Design. Project timing is dependent on Public Works project timing.

Justification:

The existing waterline on 8th Avenue was constructed in the 1920s-1940s. Additional capacity is needed to address downtown intensification. Public Works is planning a major road reconstruction project that will be a welcoming corridor for the City of Greeley.

Revenue Detail:

No additional information

Impact on Operating Budget:

New pipe is replacing existing aging infrastructure, which will decrease the likelihood of leaks in this area and protect the new roadway infrastructure from damage due to waterline leaks.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	270,000	2,232,000	-	1,126,000	3,628,000
	Total Revenue	-	-	-	-	\$270,000	\$2,232,000	-	\$1,126,000	\$3,628,000
Expense										
8202	Construction	-	-	-	-	-	1,782,000	-	891,000	2,673,000
8204	Contingency	-	-	-	-	-	258,000	-	129,000	387,000
8229	Professional Services	-	-	-	-	250,000	172,000	-	86,000	508,000
8232	Project Management - Labor	-	-	-	-	10,000	10,000	-	10,000	30,000
8234	Project Management - Burdened Labor	-	-	-	-	10,000	10,000	-	10,000	30,000
	Total Expense	-	-	-	-	\$270,000	\$2,232,000	-	\$1,126,000	\$3,628,000
	Net Total	-	-	-	-	-	-	-	-	-



23rd Ave 4th St to 5th St Waterline Replacement

Project Number:	423New18	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	
Fund:	Water Capital Replacement	Location:	Intersection of 23rd Ave & 4/5th St
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This project is the replacement of aging infrastructure and increased capacity along 23rd Ave from 8th St to the GIC ditch on 4th St.

Discussion of Progress:

Reviewed project requirements with PW and working on SOW for waterline replacement design.

Justification:

The project is planned and aligned with Public Works planned intersection improvements with a new roundabout to include waterline replacement of 1950/1960 cast iron water line. The cast iron water lines from 1960's have a high failure rate and constructional activities are likely to cause additional breaks.

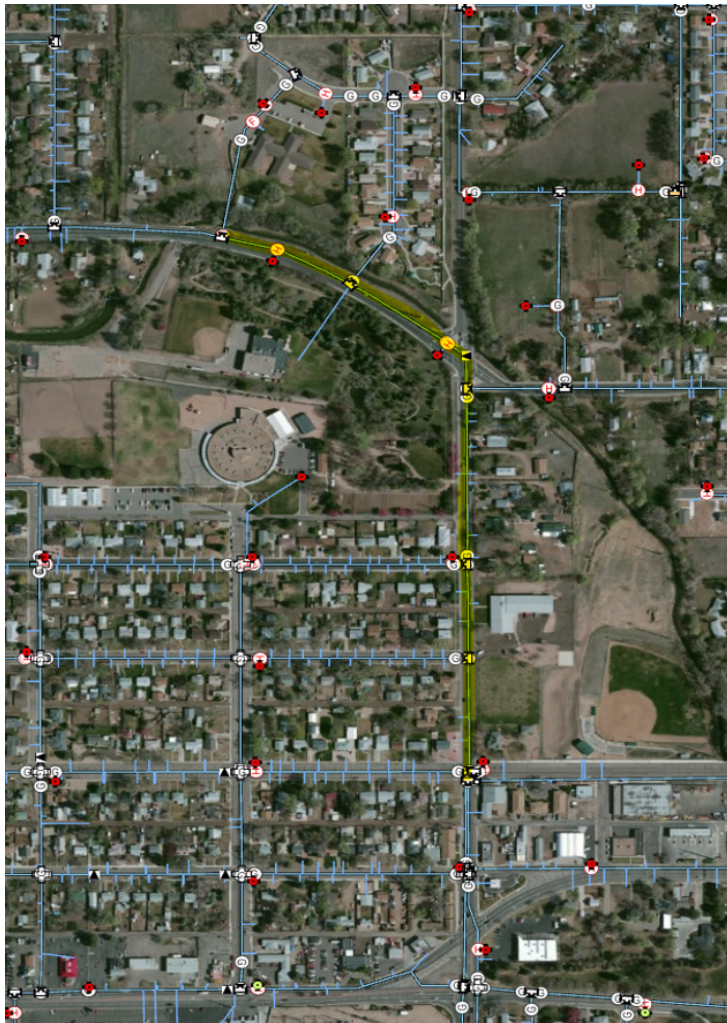
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	1,563,020	-	-	-	-	1,563,020
	Total Revenue	-	-	-	\$1,563,020	-	-	-	-	\$1,563,020
Expense										
8202	Construction	-	-	-	1,235,850	-	-	-	-	1,235,850
8204	Contingency	-	-	-	247,170	-	-	-	-	247,170
8229	Professional Services	-	-	-	50,000	-	-	-	-	50,000
8232	Project Management - Labor	-	-	-	15,000	-	-	-	-	15,000
8234	Project Management - Burdened Labor	-	-	-	15,000	-	-	-	-	15,000
	Total Expense	-	-	-	\$1,563,020	-	-	-	-	\$1,563,020
	Net Total	-	-	-	-	-	-	-	-	-



EPA and State Regulation Driven Cybersecurity Upgrades - Water

Project Number:	423New20	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	
Fund:	Water Capital Replacement	Location:	2503 Reservoir Rd, Greeley, CO 80634
Project Manager:	Finch, Mathew	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Upgrade and replacement of the SCADA and Operational Technology (OT) Systems for Water to comply with new EPA and state regulations for Public Water Systems. The SCADA system will be hardened to attack, backup systems improved, and monitoring upgraded.

Discussion of Progress:

Design phase will start in 2025.

Justification:

EPA and state regulators are increasing scrutiny of cybersecurity protections for public water and wastewater systems. In recent years a number of public utilities have been compromised, and attacks on the SCADA system can cause physical damage to infrastructure.

Revenue Detail:

Project was the subject of a request for Congressionally Designated Spending, but will need to be undertaken whether that award is granted or not.

Impact on Operating Budget:

Project will result in a net decrease to the operating budget.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	558,000	436,100	585,278	250,000	-	1,829,378
	Total Revenue	-	-	-	\$558,000	\$436,100	\$585,278	\$250,000	-	\$1,829,378
Expense										
8202	Construction	-	-	-	258,000	236,100	285,278	250,000	-	1,029,378
8208	Furniture, Fixtures & Equipment	-	-	-	100,000	-	100,000	-	-	200,000
8229	Professional Services	-	-	-	200,000	200,000	200,000	-	-	600,000
	Total Expense	-	-	-	\$558,000	\$436,100	\$585,278	\$250,000	-	\$1,829,378
	Net Total	-	-	-	-	-	-	-	-	-

[Water Resilience](#)

[CONTACT US](#)

EPA Cybersecurity for the Water Sector

Cyber-attacks against public water systems are increasing. Implementing basic cyber hygiene practices can help your utility prevent, detect, respond, and recover from cyber incidents. Learn more about [EPA's Cybersecurity Resources for Drinking Water and Wastewater Systems](#).

Biden-Harris Administration engages states on safeguarding the water sector infrastructure against cyber threats

U.S. Environmental Protection Agency (EPA) Administrator Michael Regan and National Security Advisor Jake Sullivan [sent a letter to all U. S. Governors](#) inviting state environmental, health and homeland security Secretaries to a convening by their deputies to discuss the urgent need to safeguard water sector critical infrastructure against cyber threats.

For queries from the media, please reach out to press@epa.gov.

Cybersecurity Assessments

[Learn about cybersecurity assessment resources](#) available for drinking water and wastewater systems.

On this page:

- Addressing Cybersecurity in your America's Water Infrastructure Act Risk and Resilience Assessment
- Cybersecurity Risk Self-Assessment Resources
- Cybersecurity Risk Third-Party Assessment Resources
- Cybersecurity Vulnerability Assessment Resources
- Technical Assistance



20th St Waterline Replacement at UNC

Project Number:	423New28	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	
Fund:	Water Capital Replacement	Location:	20th St from 10th Ave to 14th Ave
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Existing 20" pipeline was installed in 1938 and lined in 1999. Planned road improvements would need replacement of the existing waterline with a new meter vault for UNC.

Discussion of Progress:

Need future coordination and planning with PW and UNC.

Justification:

Aligns work with UNC and Public Works to reduce project costs and impacts to residence.

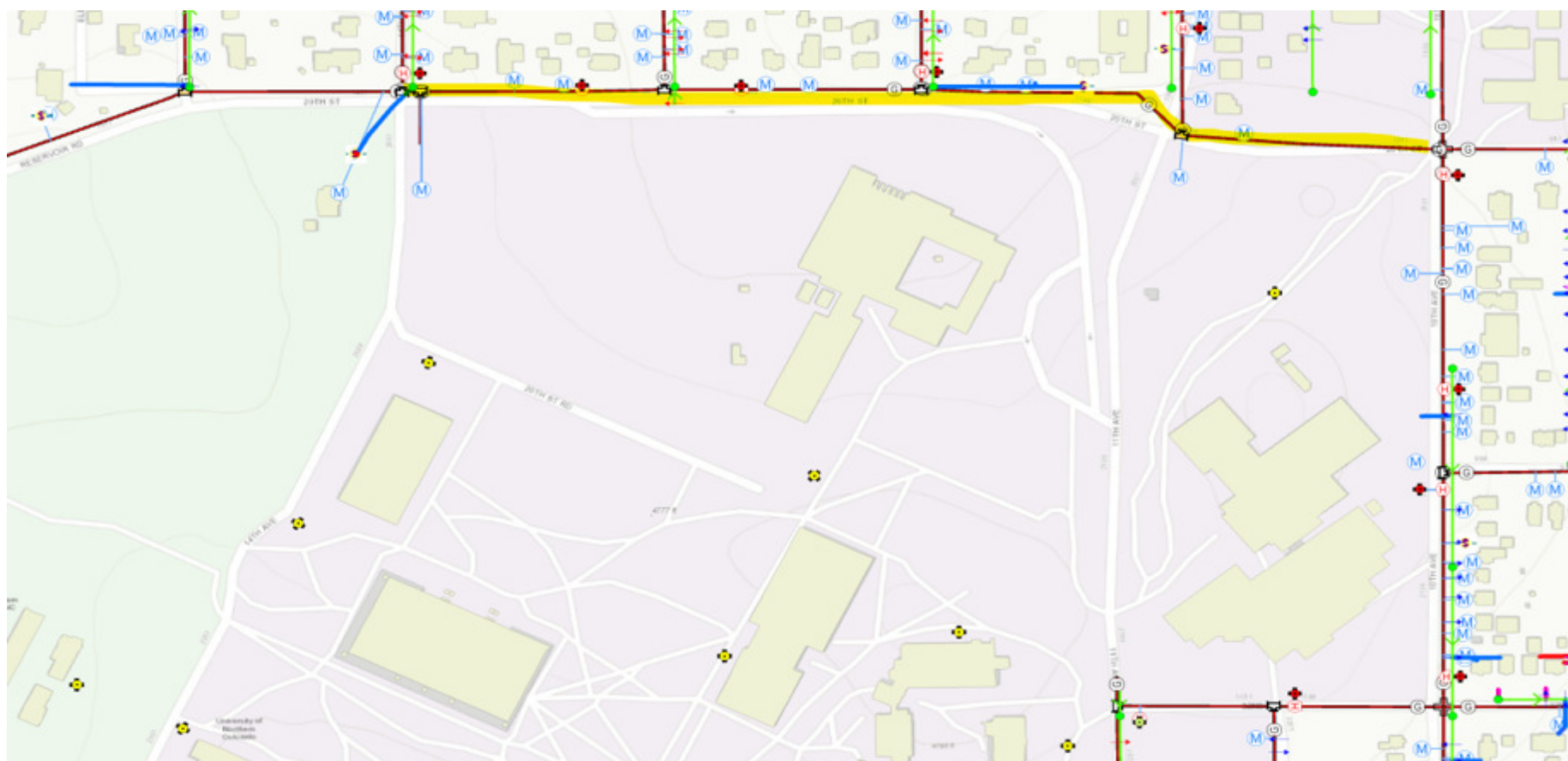
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	2,331,604	-	-	-	-	2,331,604
	Total Revenue	-	-	-	\$2,331,604	-	-	-	-	\$2,331,604
Expense										
8202	Construction	-	-	-	1,584,670	-	-	-	-	1,584,670
8204	Contingency	-	-	-	316,934	-	-	-	-	316,934
8229	Professional Services	-	-	-	350,000	-	-	-	-	350,000
8232	Project Management - Labor	-	-	-	40,000	-	-	-	-	40,000
8234	Project Management - Burdened Labor	-	-	-	40,000	-	-	-	-	40,000
	Total Expense	-	-	-	\$2,331,604	-	-	-	-	\$2,331,604
	Net Total	-	-	-	-	-	-	-	-	-



Waterline Replacement for Strategic Growth Project

Project Number:	423New29	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This project plans out funds to replace waterlines to support economic development and strategic growth across Greeley.

Discussion of Progress:

Based on direction from City Council

Justification:

This project plans out funds to replace waterlines to support economic development and strategic growth across Greeley.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	275,000	-	275,000	-	275,000	5,060,000	5,885,000
	Total Revenue	-	-	-	\$275,000	-	\$275,000	-	\$275,000	\$5,060,000	\$5,885,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	5,000,000	5,000,000
8229	Professional Services	-	-	-	255,000	-	255,000	-	255,000	-	765,000
8232	Project Management - Labor	-	-	-	10,000	-	10,000	-	10,000	30,000	60,000
8234	Project Management - Burdened Labor	-	-	-	10,000	-	10,000	-	10,000	30,000	60,000
	Total Expense	-	-	-	\$275,000	-	\$275,000	-	\$275,000	\$5,060,000	\$5,885,000
	Net Total	-	-	-	-	-	-	-	-	-	-

14th Ave from 8th St to D St Waterline Replacement

Project Number:	423New30	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	
Fund:	Water Capital Replacement	Location:	14th Ave and 8th St
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Existing 6", 8", and 10" pipeline was installed in 1929 and 1959 is undersized and beyonds its expected life span. The 14th Ave road will be replaced or overlayed which will support replacement of the waterline and reduced restoration costs. This project will also increase waterline capacity in the north-south direction of downtown with a new 16" line, provide better hydraulics flows for the system, and improve resiliency of the area.

Discussion of Progress:

Need future coordination and planning with PW.

Justification:

Aligns work with Public Works to reduce project costs and impacts to residence.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	3,631,600	3,631,600
	Total Revenue	-	-	-	-	-	-	-	-	\$3,631,600	\$3,631,600
Expense											
8202	Construction	-	-	-	-	-	-	-	-	2,568,000	2,568,000
8204	Contingency	-	-	-	-	-	-	-	-	513,600	513,600
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	-	450,000	450,000
8229	Professional Services	-	-	-	-	-	-	-	-	40,000	40,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	30,000	30,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	30,000	30,000
	Total Expense	-	-	-	-	-	-	-	-	\$3,631,600	\$3,631,600
	Net Total	-	-	-	-	-	-	-	-	-	-

Utility Billing Replacement-Water

Project Number:	12662	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Dial, Erik	Budget Unit #:	4234401890170000000000
Project Status:	Funded		

Description:

The current Utility Billing software (called Customer Information Systems, or a CIS, in the utility business) is at its end of life. It will be replaced with a new system that will significantly enhance customer service and reporting capabilities. Staff had started the process to select a new CIS in 2019 and 2020, but paused to enable City staff to focus on the ERP project that was nearing completion. A new CIS is needed to meet the expected customer service level for Greeley's utility customers.

Discussion of Progress:

Negotiations with the selected vendor are expected to be complete by the end of 2024Q2.

Justification:

The current Utility Billing software is currently being supported by the vendor, but it is not being enhanced and is falling behind in it's competitors in it's ability to support Greeley's customers. A new system is needed. This will be funded by the Water, Sewer, and Stormwater funds.

Revenue Detail:

The new CIS will enable a number of important changes to billing practices that are not possible with the current system.

Impact on Operating Budget:

The annual maintenance for the CIS will increase when Greeley transitions to a new system.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	44,623	-	5,250,000	1,000,000	-	-	-	-	6,294,623
	Total Revenue	\$44,623	-	\$5,250,000	\$1,000,000	-	-	-	-	\$6,294,623
Expense										
8208	Furniture, Fixtures & Equipment	652	-	50,000	-	-	-	-	-	50,652
8229	Professional Services	25,405	-	4,482,324	-	-	-	-	-	4,507,729
8232	Project Management	18,566	-	-	-	-	-	-	-	18,566
8234	Project Management - Burdened Labor	-	-	-	500,000	-	-	-	-	500,000
	Total Expense	\$44,623	-	\$5,250,000	\$1,000,000	-	-	-	-	\$6,294,623
	Net Total	-	-	-	-	-	-	-	-	-

Statement of Account for Utility Service(s)

THIS BILL SHOWS A PREVIOUS AMOUNT DUE.
PLEASE REMIT AT EARLIEST CONVENIENCE.
IF PYMT HAS BEEN MADE, THANK YOU.

ACCOUNT INFORMATION

Account Number 222-222222-22

Service Location 2000 GREELEY AVENUE CT

Location

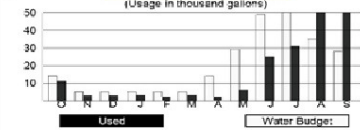
Persons in Household:	4	Irrigable Area:	7799
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METER INFORMATION

Meter ID	Date	Curr Read	Date	Prev Read	Usage
97403425U	09/28	750	08/28	700	50

CONSUMPTION HISTORY

(Usage in thousand gallons)



WATER CHARGES

BUDGET: Indoor	7	Outdoor	21	Total	28
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RESIDENTIAL WATER	Used	Rate	Amount
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Water Budget (0% to 100%)	28	3.97	\$100.04
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Inefficient Use (>100% to 130%)	9	4.85	\$42.66
Excessive Use (>130% to 150%)	5	6.62	\$30.20

Excessive Use (>130% to 150%)	5	6.62	\$30.20
Unsustainable Use (>150%)	8	8.82	\$68.96

Unsustainable Use (>150%)	8	8.82	\$68.96
Base Charge			\$11.83

Base Charge \$11.85

BILLING SUMMARY

Payments	\$165.74
Ref. Fund	\$40.34

Est Fwd	\$10.74
RESIDENTIAL WATER	\$262.29

RESIDENTIAL WATER	\$262.29
RESIDENTIAL SEWER	\$15.72

RESIDENTIAL SEWER	\$13.72
STORMWATER	\$11.09

CURRENT CHARGES	\$289.10
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TOTAL DUE ON 10/18/17	\$299.84
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Treated Water Reservoir Rehabilitation

Project Number:	12652	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Fishlock, Keri	Budget Unit #:	4234401890100000000000
Project Status:	Funded		

Description:

This project will fund the required rehabilitation of the four treated water tanks and reservoirs. The projects may include pumps, motors, structural repairs, floating covers, asphalt driveways, and other miscellaneous reservoir related rehabilitation requirements. This is an on-going project. (2023-2025 will address potential pump and motor replacements at Zone 4 pump and Tower and Mosier.)

Discussion of Progress:

Planning in progress for replacements at Gold Hill and Mosier. Project in pre-design.

Justification:

Council priority to maintain critical infrastructure. Concrete and steel reservoir and tanks require major structural repairs and maintenance approximately every 20 years. These 4 major facilities also contain numerous large pumps and control valves that also need repairs and maintenance in addition to the maintenance of the respective reservoir sites.

Revenue Detail:

No additional information

Impact on Operating Budget:

New AC units will require power and need regular maintenance. Moving VFD drives from below ground to control building will reduce access time to these items.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget		2026	2027	2028	2029	Future	Grand Total
					2025						
Revenue											
	Fund Balance	704,847	-	2,914,500	426,770	340,970	241,970	241,470	994,370	1,674,600	7,539,497
Total Revenue		\$704,847	-	\$2,914,500	\$426,770	\$340,970	\$241,970	\$241,470	\$994,370	\$1,674,600	\$7,539,497
Expense											
8202	Construction	36,269	-	1,637,325	333,500	255,500	165,500	165,000	849,500	1,250,000	4,692,594
8204	Contingency	-	-	100,000	33,350	25,550	16,550	16,550	84,950	125,000	401,950
8208	Furniture, Fixtures & Equipment	24,239	-	-	-	-	-	-	-	-	24,239
8212	Land/Building Cost/Demolition	177,805	-	-	-	-	-	-	-	-	177,805
8224	Operating Supplies	31,991	-	50,000	-	-	-	-	-	-	81,991
8229	Professional Services	103,547	-	877,175	10,000	10,000	10,000	10,000	10,000	50,000	1,080,722
8232	Project Management	306,371	-	-	-	-	-	-	-	-	306,371
8234	Project Management - Burdened Labor	-	-	-	24,960	24,960	24,960	24,960	24,960	124,800	249,600
8244	Capital Equipment >\$5,000	-	-	240,000	-	-	-	-	-	-	240,000
Total Expense		\$704,847	-	\$2,914,500	\$426,770	\$340,970	\$241,970	\$241,470	\$994,370	\$1,674,600	\$7,539,497
Net Total		-	-	-	-	-	-	-	-	-	-



Instrumentation & Controls - Water

Project Number:	12556	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Finch, Mathew	Budget Unit #:	4234401890050000000000
Project Status:	Funded		

Description:

This program replaces and refurbishes instruments and control systems known as SCADA (Supervisory Control and Data Acquisition). These devices are used to operate water and sewer systems, including recording data required by regulation and measurement and control of various chemicals. This is an on-going project.

Discussion of Progress:

Ongoing annual program to maintain the water system I&C.

Justification:

Instrumentation and controls wear out or become obsolete over time, requiring replacement or major refurbishment. Refurbishment typically occurs at the facilities of the local supplier or manufacturer. City instrumentation technicians perform the replacement projects. This account includes instruments at all water facilities and pipelines.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	491,908	-	196,000	201,000	201,000	201,000	201,000	201,000	1,005,000	2,697,908
	Total Revenue	\$491,908	-	\$196,000	\$201,000	\$201,000	\$201,000	\$201,000	\$201,000	\$1,005,000	\$2,697,908
Expense											
8202	Construction	9,609	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	559,609
8204	Contingency	-	-	18,000	18,000	18,000	18,000	18,000	18,000	90,000	198,000
8208	Furniture, Fixtures & Equipment	29,801	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	579,801
8216	Miscellaneous	4,924	-	5,000	5,000	5,000	5,000	5,000	5,000	25,000	59,924
8224	Operating Supplies	81,344	-	5,000	10,000	10,000	10,000	10,000	10,000	50,000	186,344
8229	Professional Services	9,580	-	63,000	63,000	63,000	63,000	63,000	63,000	315,000	702,580
8232	Project Management	336,879	-	-	-	-	-	-	-	-	336,879
8244	Capital Equipment >\$5,000	19,771	-	5,000	5,000	5,000	5,000	5,000	5,000	25,000	74,771
	Total Expense	\$491,908	-	\$196,000	\$201,000	\$201,000	\$201,000	\$201,000	\$201,000	\$1,005,000	\$2,697,908
Net Total		-	-	-	-	-	-	-	-	-	-



Meter Replacement

Project Number:	12575	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4234401890090000000000
Project Status:	Funded		

Description:

This program funds the replacement of both large and small water meters and their related components as they wear out or fail; this is an on-going project.

Discussion of Progress:

This project is the replacement of existing failing water meters with more accurate meters and improved communications. Advanced metering infrastructure (AMI) is a communication tool that enables nearly constant communication between the water meter and the utility. Meter readings can occur every 15 minutes, making leak detection much more effective.

Justification:

Meter accuracy is paramount for revenue collection, therefore all meters and end-points are replaced when they fail, which is approximately every ten to fifteen years. In 2014, a new federal law requires any new meter to the system be constructed with "no-lead". These meters cost approximately 50% more than the current system meters and requires any meter removed for maintenance be replaced with a no-lead meters.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	216,898	-	100,000	75,000	75,000	75,000	75,000	75,000	375,000	1,066,898
	Total Revenue	\$216,898	-	\$100,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$1,066,898
Expense											
8208	Furniture, Fixtures & Equipment	87,438	-	80,000	55,000	55,000	55,000	55,000	55,000	275,000	717,438
8216	Miscellaneous	-	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	110,000
8224	Operating Supplies	9,353	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	119,353
8232	Project Management	120,106	-	-	-	-	-	-	-	-	120,106
	Total Expense	\$216,898	-	\$100,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$1,066,898
	Net Total	-	-	-	-	-	-	-	-	-	-



Transmission System Rehabilitation

Project Number:	12649	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	5- Outside City , 0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide and Along the Major Transmission Line from Bellvue and Boyd Filter Plants
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890060000000000
Project Status:	Funded		

Description:

This project will fund all types of required rehabilitation or replacement of the treated water transmission system. Projects may include the protection of pipe joints, pipe replacement, cathodic protection, lining of pipe, minor upgrades, and repairs to piping for protection prior to impending development. This is an on-going project in part utilizing in-house design and construction.

Discussion of Progress:

Annual project to rehab the aging portions of the transmission system.

Justification:

Council priority to maintain critical infrastructure. This program is intended to maintain and protect assets worth over \$105,000,000 (replacement value) and restore and prolong the useful life of the 138 miles of older pipeline. Bellvue's pipelines were constructed between 1923- 1969 and 31 miles have been rehabilitated by cement mortar or poly lining. The Boyd lines were constructed in 1967 and 1973. The rehabilitation schedule will be adjusted to meet the most pressing priority.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	3,081,109	-	2,569,606	2,131,000	1,441,000	2,131,000	1,291,000	1,981,000	7,835,000	22,460,715
4789	Expense Reimbursement	557,215	-	-	-	-	-	-	-	-	557,215
Total Revenue		\$3,638,325	-	\$2,569,606	\$2,131,000	\$1,441,000	\$2,131,000	\$1,291,000	\$1,981,000	\$7,835,000	\$23,017,931
Expense											
8202	Construction	3,211,067	-	2,303,457	1,600,000	1,000,000	1,600,000	1,000,000	1,600,000	6,200,000	18,514,524
8204	Contingency	44,406	-	120,000	240,000	150,000	240,000	150,000	240,000	930,000	2,114,406
8208	Furniture, Fixtures & Equipment	4,746	-	-	-	-	-	-	-	-	4,746
8212	Land/Building Cost/Demolition	-	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	110,000
8216	Miscellaneous	-	-	1,000	1,000	1,000	1,000	1,000	1,000	5,000	11,000
8224	Operating Supplies	47,158	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	597,158
8226	Permits, Fees, Etc	-	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	275,000
8229	Professional Services	216,188	-	45,149	25,000	25,000	25,000	25,000	25,000	125,000	511,337
8232	Project Management	89,542	-	-	-	-	-	-	-	-	89,542
8234	Project Management - Burdened Labor	-	-	-	90,000	90,000	90,000	15,000	15,000	75,000	375,000
8244	Capital Equipment >\$5,000	9,790	-	-	-	-	-	-	-	-	9,790
Total Expense		\$3,638,325	-	\$2,569,606	\$2,131,000	\$1,441,000	\$2,131,000	\$1,291,000	\$1,981,000	\$7,835,000	\$23,017,931
Net Total		-	-	-	-	-	-	-	-	-	-



Distribution Pipeline Replacement

Project Number:	12525	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Andrus, Rebecca	Budget Unit #:	4234401890040000000000
Project Status:	Funded		

Description:

This will provide replacement and/or rehabilitation of pipes that exhibit corrosion or have a leak history. Pipes that are too small are replaced and enlarged to increase flow capacity. Various rehabilitation methods such as cement mortar lining, swage lining, and pipe bursting may be used. Every two years projects are prioritized based on paving project coordination and other factors. Projects are split between COG crews and CMAR contract crews.

Discussion of Progress:

Annual project for rehabilitation of the city's extensive water distribution system. Budget includes estimated costs for unforeseen leak and breakages.

Justification:

Council priority to maintain critical infrastructure. This program reduces the number of emergency repairs and customer complaints by improving the flow quantity and service for customers and fire protection. Water quality is also improved and chlorination is more effective.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	4,804,325	-	3,672,000	4,670,000	4,939,400	5,224,964	5,371,483	5,693,770	30,160,075	64,536,017
	Total Revenue	\$4,804,325	-	\$3,672,000	\$4,670,000	\$4,939,400	\$5,224,964	\$5,371,483	\$5,693,770	\$30,160,075	\$64,536,017
Expense											
8202	Construction	1,507,939	-	3,020,000	3,600,000	3,816,000	4,044,960	4,287,658	4,544,917	28,630,075	53,451,549
8204	Contingency	115,254	-	200,000	310,000	328,600	348,316	369,215	391,368	630,000	2,692,753
8208	Furniture, Fixtures & Equipment	8,846	-	6,000	150,000	159,000	168,540	178,652	189,372	-	860,410
8212	Land/Building Cost/Demolition	-	-	58,000	10,000	10,600	11,236	11,910	12,625	-	114,371
8216	Miscellaneous	28	-	-	-	-	-	-	-	-	28
8224	Operating Supplies	234,485	-	54,000	240,000	254,400	269,664	285,844	302,994	500,000	2,141,387
8226	Permits, Fees, Etc	3,978	-	35,000	30,000	31,800	33,708	35,730	37,874	50,000	258,090
8229	Professional Services	-	-	284,000	150,000	159,000	168,540	178,652	189,372	250,000	1,379,564
8232	Project Management	2,917,083	-	-	-	-	-	-	-	-	2,917,083
8234	Project Management - Burdened Labor	-	-	-	90,000	90,000	90,000	11,911	12,624	50,000	344,535
8244	Capital Equipment >\$5,000	5,129	-	-	-	-	-	-	-	-	5,129
	Total Expense	\$4,804,325	-	\$3,672,000	\$4,670,000	\$4,939,400	\$5,224,964	\$5,371,483	\$5,693,770	\$30,160,075	\$64,536,017
	Net Total	-	-	-	-	-	-	-	-	-	-



Fire Hydrant Replacement

Project Number:	12540	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Uhland, Mark	Budget Unit #:	4234401890030000000000
Project Status:	Funded		

Description:

This program will replace substandard fire hydrants and applicable branch piping, gate valves, and asphalt. Repair of asphalt and street damage caused by water truck loading at hydrants is also included. This is an on-going project.

Discussion of Progress:

Ongoing annual program.

Justification:

The Water staff and Fire department personnel plans to increase the amount of hydrants replaced each year as staff time and funding allows (15 in 2024, 20 in 2025, 25 in 2026, 30 in 2027, 35 in 2028-2033). Labor for replacing and performing hydrant maintenance is charged to the operating account. The system has 3,800 hydrants with an expected service life of 50 years.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	63,071	-	215,000	240,000	300,000	360,000	420,000	420,000	2,100,000	4,118,071
4464	Labor & Materials	1,260	-	-	-	-	-	-	-	-	1,260
4789	Expense Reimbursement	994	-	-	-	-	-	-	-	-	994
5812	Damages Recovered	9,448	-	-	-	-	-	-	-	-	9,448
Total Revenue		\$74,772	-	\$215,000	\$240,000	\$300,000	\$360,000	\$420,000	\$420,000	\$2,100,000	\$4,129,772
Expense											
8202	Construction	10,000	-	75,250	84,000	105,000	126,000	147,000	147,000	735,000	1,429,250
8204	Contingency	-	-	7,525	8,400	10,500	12,600	14,700	14,700	73,500	141,925
8216	Miscellaneous	-	-	3,225	3,600	4,500	5,400	6,300	6,300	31,500	60,825
8224	Operating Supplies	54,226	-	129,000	144,000	180,000	216,000	252,000	252,000	1,260,000	2,487,226
8226	Permits, Fees, Etc	877	-	-	-	-	-	-	-	-	877
8232	Project Management	9,670	-	-	-	-	-	-	-	-	9,670
Total Expense		\$74,772	-	\$215,000	\$240,000	\$300,000	\$360,000	\$420,000	\$420,000	\$2,100,000	\$4,129,772
Net Total		-	-	-	-	-	-	-	-	-	-



Valve Replacement

Project Number:	12664	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Uhland, Mark	Budget Unit #:	4234401890020000000000
Project Status:	Funded		

Description:

This project replaces inoperable valves. The life expectancy varies from twenty-five to fifty years depending on valve size and maintenance/operation. This is an on-going project.

Discussion of Progress:

Ongoing annual program.

Justification:

The replacement program ensures that system valves are able to be located, in operating condition and are in the correct operating position (open or closed). Replacement valves

Revenue Detail:

No additional information

Impact on Operating Budget:

This is replacement of aging or broken infrastructure. The operations budget will not be negatively affected by this work.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	213,054	-	176,400	355,000	390,000	427,000	472,500	526,500	2,497,500	5,057,954
	Total Revenue	\$213,054	-	\$176,400	\$355,000	\$390,000	\$427,000	\$472,500	\$526,500	\$2,497,500	\$5,057,954
Expense											
8202	Construction	3,599	-	44,100	100,000	110,000	120,000	135,000	155,000	775,000	1,442,699
8204	Contingency	-	-	4,410	10,000	11,000	12,000	13,500	15,500	77,500	143,910
8216	Miscellaneous	-	-	4,410	5,000	5,000	5,000	5,000	5,000	29,500	58,910
8224	Operating Supplies	132,718	-	123,480	240,000	264,000	290,000	319,000	351,000	1,615,500	3,335,698
8226	Permits, Fees, Etc	4,282	-	-	-	-	-	-	-	-	4,282
8232	Project Management	72,455	-	-	-	-	-	-	-	-	72,455
	Total Expense	\$213,054	-	\$176,400	\$355,000	\$390,000	\$427,000	\$472,500	\$526,500	\$2,497,500	\$5,057,954
	Net Total	-	-	-	-	-	-	-	-	-	-



Capital Outlay Replacement - Water

Project Number:	12510	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Pierce, Virgil	Budget Unit #:	4234401105000000000000
Project Status:	Funded		

Description:

This program replaces major rolling stock: pickups, tractor backhoes, loaders, compressors, dump trucks, and other identified replacement capital items.

Discussion of Progress:

Ongoing equipment replacement.

Justification:

This will replace rolling stock that has reached the end of its economic life. This will help maintain the equipment's ability to perform daily tasks and handle emergency calls.

Revenue Detail:

No additional information

Impact on Operating Budget:

Keeping fleet age from being excessive controls maintenance costs.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	1,611,182	-	2,186,844	912,153	1,568,111	1,461,587	1,460,532	1,530,932	5,477,778	16,209,119
5801	Sales Of Fixed Assets	8,612	-	-	-	-	-	-	-	-	8,612
Total Revenue		\$1,619,794	-	\$2,186,844	\$912,153	\$1,568,111	\$1,461,587	\$1,460,532	\$1,530,932	\$5,477,778	\$16,217,731
Expense											
8142	Construction Vehicles/Equipment	811,987	-	1,190,100	461,403	933,096	891,066	1,126,783	817,256	2,789,535	9,021,226
8144	Transportation/Vehicles	414,157	-	806,092	334,350	514,412	497,521	283,749	663,676	2,302,602	5,816,559
8149	Other Machinery And Equipment	128,469	-	190,652	116,400	120,603	73,000	50,000	50,000	385,641	1,114,765
8208	Furniture, Fixtures & Equipment	155,706	-	-	-	-	-	-	-	-	155,706
8232	Project Management	109,474	-	-	-	-	-	-	-	-	109,474
Total Expense		\$1,619,794	-	\$2,186,844	\$912,153	\$1,568,111	\$1,461,587	\$1,460,532	\$1,530,932	\$5,477,778	\$16,217,731
Net Total		-	-	-	-	-	-	-	-	-	-



Distribution System Model & Master Plan Update

Project Number:	12526	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Pierce, Virgil	Budget Unit #:	4234401890130000000000
Project Status:	Funded		

Description:

Engineering study to determine what water distribution system improvements are necessary to accommodate future growth. The last model update was in 2018 with the subsequent master plan finished in 2021. This projects updates the model per the Optimization Study, recent, and anticipated growth.

Discussion of Progress:

Update to the plan and model scheduled for 2026.

Justification:

Council priority to plan and develop critical infrastructure. This tool will help facilitate timely and efficient planning to determine the most cost effective improvements required for new development and system improvements.

Revenue Detail:

None

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	399,444	-	-	291,000	591,000	-	-	-	1,281,444
4341	Local Government Grants	442	-	-	-	-	-	-	-	442
4781	Sales Of Publications	2,233	-	-	-	-	-	-	-	2,233
Total Revenue		\$402,118	-	-	\$291,000	\$591,000	-	-	-	\$1,284,118
Expense										
8202	Construction	80,924	-	-	-	-	-	-	-	80,924
8229	Professional Services	217,934	-	-	275,000	575,000	-	-	-	1,067,934
8232	Project Management	100,835	-	-	-	-	-	-	-	100,835
8234	Project Management - Burdened Labor	-	-	-	8,000	8,000	-	-	-	16,000
Total Expense		\$402,118	-	-	\$291,000	\$591,000	-	-	-	\$1,284,118
Net Total		-	-	-	-	-	-	-	-	-

Advanced Metering Infrastructure

Project Number:	12478	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	0 - All Wards
Fund:	Water Capital Replacement	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4234401890370000000000
Project Status:	Funded		

Description:

This project is the replacement of existing failing water meters with more accurate meters and improved communications. Advanced metering infrastructure (AMI) is a communication tool that enables nearly constant communication between the water meter and the utility. Meter readings will occur every 15 minutes, making leak detection much more effective. Water savings could be significant and it will increase customer service capabilities.

Discussion of Progress:

The contractor (UMS) successfully replaced 12,500 meters as part of Phase I and II in December 2022, and is continuing Phase III in February 2024, with another 11,000 additional meters, and is expected to be complete by May or June 2025.

Justification:

Some of the existing meters' batteries have been failing and some meters are beyond their expected life span. The W&S Department received a \$1.48 million USBR Water-Smart grant in the spring of 2020, and a second \$2M USBR grant in fall of 2022. These grants will support the City in the replacement of approximately 30,000 meters within the system. It is also estimated that water savings could be significant with the ability to see leaks quickly on the customer services.

Revenue Detail:

No additional information

Impact on Operating Budget:

A budget increase request is being submitted for 2024 to cover the 0.89 / meter / month service charge for the AMI meters being installed.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	5,456,185	-	691,254	345,000	-	-	-	-	6,492,439
4311	Federal Grants	1,478,450	-	2,000,000	-	-	-	-	-	3,478,450
5801	Sales Of Fixed Assets	-4,308	-	-	-	-	-	-	-	-4,308
Total Revenue		\$6,930,327	-	\$2,691,254	\$345,000	-	-	-	-	\$9,966,581
Expense										
8202	Construction	820,787	-	2,515,780	250,000	-	-	-	-	3,586,567
8204	Contingency	6,693	-	100,404	25,000	-	-	-	-	132,097
8208	Furniture, Fixtures & Equipment	1,583,122	-	885	-	-	-	-	-	1,584,007
8216	Miscellaneous	5	-	-	-	-	-	-	-	5
8224	Operating Supplies	12,967	-	773	-	-	-	-	-	13,740
8229	Professional Services	-	-	104	-	-	-	-	-	104
8232	Project Management	4,479,750	-	-	-	-	-	-	-	4,479,750
8234	Project Management - Burdened Labor	-	-	-	35,000	-	-	-	-	35,000
8244	Capital Equipment >\$5,000	843	-	-	-	-	-	-	-	843
Total Expense		\$6,930,327	-	\$2,691,254	\$345,000	-	-	-	-	\$9,966,581
Net Total		-	-	-	-	-	-	-	-	-



Transmission Line Customers Re-Route

Project Number:	12648	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Transmission & Distribution	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Along the Bellvue Transmission Line
Project Manager:	Prior, Adam	Budget Unit #:	4234401880040000000000
Project Status:	Funded		

Description:

The city has a number of water customers who are connected along the Bellvue Transmission Line. This project would remove them from Greeley's water system and connect them to other water providers in their area.

Discussion of Progress:

In 2022 the City removed the 34 customers off the top of the system that is located in Laporte.

Justification:

During development of the Bellvue Transmission system many years ago, it appears the easement cost was exchanged for connection to the transmission lines. This plan made sense when developed but as the system grew and demands increased in Greeley the operation of the system is greatly influenced by these customer connections. In winter months the system has limitations on how staff can operate without eliminating service to these transmission line customers. To remove customers it is likely that Greeley will need to buy connections to other water providers in the area and build needed infrastructure to eliminate the connection to the Greeley Bellvue Transmission system.

Revenue Detail:

There would be a very small decrease in revenue, but the benefit of not having to serve customers outside Greeley's water service area would outweigh the minimal lost revenue.

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	183,633	-	414,102	-	250,000	-	250,000	-	750,000	1,847,735
	Total Revenue	\$183,633	-	\$414,102	-	\$250,000	-	\$250,000	-	\$750,000	\$1,847,735
Expense											
8202	Construction	-	-	209,503	-	75,000	-	75,000	-	225,000	584,503
8212	Land/Building Cost/Demolition	-	-	5,000	-	-	-	-	-	-	5,000
8226	Permits, Fees, Etc	-	-	180,000	-	175,000	-	175,000	-	525,000	1,055,000
8229	Professional Services	-	-	10,649	-	-	-	-	-	-	10,649
8232	Project Management	183,633	-	-	-	-	-	-	-	-	183,633
	Total Expense	\$183,633	-	\$414,102	-	\$250,000	-	\$250,000	-	\$750,000	\$1,847,735
	Net Total	-	-	-	-	-	-	-	-	-	-



Bellvue Flocculator and Sedimentation Building Rehabilitation

Project Number:	12914	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	4505 Filter Plant Rd, Bellvue, CO 80512
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890320000000000
Project Status:	Funded		

Description:

The Bellvue WTP Focculator and Sedimentation Building that is part of the BEN treatment train is in need of rehabilitation.

Discussion of Progress:

Design and assessment are planned for 2024 with construction in 2025-2026.

Justification:

The basins were constructed in 1946 and the building exterior was built in 1991. The building is showing signs of deterioration and rust. Lack of air flow is creating a humid environment and water is also leaking from the roof. Both can damage electrical systems and create a corrosive environment. Prolonging the life of this building will delay the need to build TB2.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	300,000	731,250	631,250	-	-	-	1,662,500
	Total Revenue	-	-	\$300,000	\$731,250	\$631,250	-	-	-	\$1,662,500
Expense										
8202	Construction	-	-	-	425,000	425,000	-	-	-	850,000
8204	Contingency	-	-	-	106,250	106,250	-	-	-	212,500
8229	Professional Services	-	-	300,000	150,000	50,000	-	-	-	500,000
8232	Project Management - Labor	-	-	-	25,000	25,000	-	-	-	50,000
8234	Project Management - Burdened Labor	-	-	-	25,000	25,000	-	-	-	50,000
	Total Expense	-	-	\$300,000	\$731,250	\$631,250	-	-	-	\$1,662,500
	Net Total	-	-	-	-	-	-	-	-	-



Bellvue Switchgear Replacement

Project Number:	12915	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	4505 Filter Plant Rd, Bellvue, CO 80512
Project Manager:	Finch, Mathew	Budget Unit #:	4234401890330000000000
Project Status:	Funded		

Description:

The project is for the replacement of the medium voltage electrical switchgear equipment at the Bellvue Water Treatment Plant (WTP).

Discussion of Progress:

Planning is in progress, parts will be ordered in 2024 and 2025 and construction is planned for 2026.

Justification:

The Bellvue WTP medium voltage switchgear is at end of life and is over 30 years old. We have had several fuses blow due to the main switchgear having a bad cartridge. This will start to happen on the other two switchgears if we do not replace them.

Revenue Detail:

No additional information

Impact on Operating Budget:

Will reduce time spent by staff assessing electrical issues at the Bellvue WTP.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	250,000	458,000	400,000	-	-	-	1,108,000
	Total Revenue	-	-	\$250,000	\$458,000	\$400,000	-	-	-	\$1,108,000
Expense										
8202	Construction	-	-	-	-	400,000	-	-	-	400,000
8229	Professional Services	-	-	-	168,000	-	-	-	-	168,000
8244	Capital Equipment >\$5,000	-	-	250,000	290,000	-	-	-	-	540,000
	Total Expense	-	-	\$250,000	\$458,000	\$400,000	-	-	-	\$1,108,000
	Net Total	-	-	-	-	-	-	-	-	-



Bellvue and Boyd WTP Electrical Upgrade

Project Number:	423New23	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	
Fund:	Water Capital Replacement	Location:	4505 Filter Plant Rd, Bellvue, CO 80512
Project Manager:	Finch, Mathew	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Replace existing electrical equipment in the chemical building, sludge building, and BEN. The current electrical equipment is 25 years old and at end of life.

Discussion of Progress:

Design to start in 2025 with construction in 2027. Phased construction over the following eight years.

Justification:

The current electrical MCC and switchgear is at end of life. The chemical building electrical, BW supply and BW recovery was installed in 2000. The sludge electrical system was installed in 2004.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	100,000	200,000	240,000	360,000	940,000	2,040,000	3,880,000
	Total Revenue	-	-	-	\$100,000	\$200,000	\$240,000	\$360,000	\$940,000	\$2,040,000	\$3,880,000
Expense											
8202	Construction	-	-	-	-	-	200,000	300,000	450,000	1,700,000	2,650,000
8204	Contingency	-	-	-	-	-	40,000	60,000	90,000	340,000	530,000
8229	Professional Services	-	-	-	100,000	200,000	-	-	400,000	-	700,000
	Total Expense	-	-	-	\$100,000	\$200,000	\$240,000	\$360,000	\$940,000	\$2,040,000	\$3,880,000
	Net Total	-	-	-	-	-	-	-	-	-	-

Bellvue Filter Media Replacement

Project Number:	423New8	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	4505 Filter Plant Rd, Bellvue, CO 80512
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890080000000000
Project Status:	Funded		

Description:

The Bellvue Water Treatment Plant treatment train BEN includes Filters for treating water to reduce turbidity which is necessary to ensure that disinfection is effective. The filters use a media tailored for the condition of the source water being treated. The media is degraded over time and use and eventually needs to be replaced (approximately every 10 years).

The filter media will be analyzed to determine the remaining adsorption potential. Project is budgeted assuming the media needs to be replaced and we plan for it to be replaced the following year along with a new air scour system.

Discussion of Progress:

Assessment and design are planned for 2025 with replacement and construction in 2027 if needed.

Justification:

The filter media is reaching its expected life. An analysis of the media will verify the lifespan left in the media. When the media is replaced a underdrain, blowers, and air scour will be installed to remain in compliance with Federal and State regulations.

Revenue Detail:

No additional information

Impact on Operating Budget:

TB1 will be the primary treatment train at Bellvue during construction.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	310,000	-	2,850,000	-	-	3,160,000
	Total Revenue	-	-	-	\$310,000	-	\$2,850,000	-	-	\$3,160,000
Expense										
8202	Construction	-	-	-	-	-	2,500,000	-	-	2,500,000
8204	Contingency	-	-	-	20,000	-	250,000	-	-	270,000
8229	Professional Services	-	-	-	250,000	-	-	-	-	250,000
8232	Project Management - Labor	-	-	-	20,000	-	50,000	-	-	70,000
8234	Project Management - Burdened Labor	-	-	-	20,000	-	50,000	-	-	70,000
	Total Expense	-	-	-	\$310,000	-	\$2,850,000	-	-	\$3,160,000
	Net Total	-	-	-	-	-	-	-	-	-



Bellvue 20 MGD Treatment Train - Ph 2

Project Number:	N771	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	4505 Filter Plant Rd, Bellvue, CO
Project Manager:	Goodwin, Stephen	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

20 MGD replacement of the old flocculation/sedimentation and 1958 and 1964 filters.

Discussion of Progress:

Project is planned to start in 2033.

Justification:

This is the next phase of treatment upgrade at the Bellvue WTP. This will replace the remaining portion of the old part of the plant the was constructed in the 1950's brining the treatment plant up to today's CDPHE requirements.

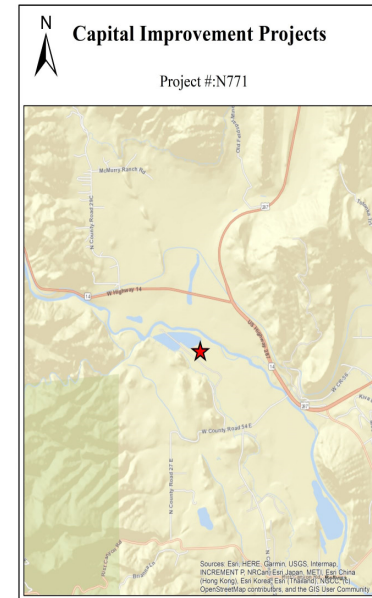
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	41,490,000	41,490,000
Total Revenue		-	-	-	-	-	-	-	-	\$41,490,000	\$41,490,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	38,500,000	38,500,000
8204	Contingency	-	-	-	-	-	-	-	-	2,000,000	2,000,000
8229	Professional Services	-	-	-	-	-	-	-	-	800,000	800,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	95,000	95,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	95,000	95,000
Total Expense		-	-	-	-	-	-	-	-	\$41,490,000	\$41,490,000
Net Total		-	-	-	-	-	-	-	-	-	-



Bellvue TB1 Repair and Mitigation

Project Number:	12488	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Bellvue Water Treatment Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890310000000000
Project Status:	Funded		

Description:

Design and construction of the replacement 20 Million Gallon per Day (MGD) plant has been a priority for W&S for the last 5 years.

Discussion of Progress:

The construction of the 20 MGD replacement plant was completed in the summer of 2020 which was the result of 5 years of design construction efforts at the plant. The new plant is the beginning of additional replacement and expansion up to 100 MGD of plant capacity. Design was completed in 2020 to replace the backwash supply and backwash return pumps with higher flow pumps. The construction was completed in 2021.

In 2024 the city settled with the contractor for construction defect claims and will be making repairs and mitigation in 2025.

Justification:

The replacement 20 MGD plant was completed in 2020. The replaced 20 MGD filters are larger and therefore have higher backwash flow requirements to clean the filters and meet CDPHE water quality requirements. As a result, the backwash supply and recovery pumps must be replaced with pumps providing higher flow capabilities. The design of the backwash system will take place in 2020 with the pumping upgrades to be done in 2021.

Revenue Detail:

In 2024 a payment of \$4.5M for the settlement was received to fund the repairs and mitigation of construction defects needed at the plant.

Impact on Operating Budget:

Added more plant capacity which resulted in increased O&M at Bellvue for new TB1.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	1,641,793	-	1,454,684	4,500,000	-	-	-	-	7,596,477
	Total Revenue	\$1,641,793	-	\$1,454,684	\$4,500,000	-	-	-	-	\$7,596,477
Expense										
8202	Construction	1,165,014	-	775,678	3,940,000	-	-	-	-	5,880,692
8204	Contingency	-	-	57,529	-	-	-	-	-	57,529
8208	Furniture, Fixtures & Equipment	47,083	-	-	-	-	-	-	-	47,083
8216	Miscellaneous	40	-	-	-	-	-	-	-	40
8224	Operating Supplies	-	-	48,000	-	-	-	-	-	48,000
8229	Professional Services	259,158	-	564,412	500,000	-	-	-	-	1,323,570
8232	Project Management	136,908	-	-	-	-	-	-	-	136,908
8234	Project Management - Burdened Labor	-	-	-	30,000	-	-	-	-	30,000
8244	Capital Equipment >\$5,000	28,806	-	-	-	-	-	-	-	28,806
	Total Expense	\$1,641,793	-	\$1,454,684	\$4,500,000	-	-	-	-	\$7,596,477
	Net Total	-	-	-	-	-	-	-	-	-

Bellvue Water Treatment Plant General Rehabilitation

Project Number:	12493	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Bellvue Filter Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890080000000000
Project Status:	Funded		

Description:

This is an annual project for the rehabilitation of buildings, heating/ventilating/air conditioning (HVAC) systems, pumps and motors, electrical replacements, chemical storage & metering, valves, and compressors. For 2025, this includes rehabilitation filter media analysis and rehabbing the drying beds.

Discussion of Progress:

Ongoing planning, design, procurement, and construction.

Justification:

These items will help to maintain operational reliability, effectiveness, and improve efficiency for continued compliance with Federal and State regulations and fulfill the Water & Sewer department mandates.

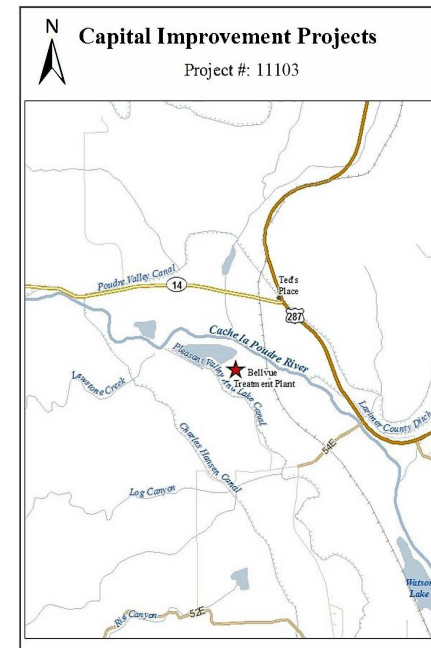
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	493,783	-	886,771	585,000	640,000	670,000	670,000	670,000	3,350,000	7,965,554
	Total Revenue	\$493,783	-	\$886,771	\$585,000	\$640,000	\$670,000	\$670,000	\$670,000	\$3,350,000	\$7,965,554
Expense											
8202	Construction	251,647	-	686,771	370,000	500,000	525,000	525,000	525,000	2,625,000	6,008,418
8204	Contingency	-	-	85,000	20,000	50,000	50,000	50,000	50,000	250,000	555,000
8208	Furniture, Fixtures & Equipment	40,357	-	20,000	20,000	15,000	15,000	15,000	15,000	75,000	215,357
8224	Operating Supplies	1,407	-	-	-	-	-	-	-	-	1,407
8229	Professional Services	59,981	-	10,000	50,000	10,000	10,000	10,000	10,000	50,000	209,981
8232	Project Management	102,735	-	-	-	-	-	-	-	-	102,735
8234	Project Management - Burdened Labor	-	-	-	25,000	25,000	25,000	25,000	25,000	125,000	250,000
8244	Capital Equipment >\$5,000	34,403	-	60,000	75,000	15,000	20,000	20,000	20,000	100,000	344,403
	Total Expense	\$493,783	-	\$886,771	\$585,000	\$640,000	\$670,000	\$670,000	\$670,000	\$3,350,000	\$7,965,554
	Net Total	-	-	-	-	-	-	-	-	-	-



Boyd Water Treatment Plant - General Rehabilitation

Project Number:	12502	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Boyd Filter Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890110000000000
Project Status:	Funded		

Description:

This project includes rehabilitation of two high service pumps to improve operational efficiency. It will also consist of moving PAC injection to the pond outlet. This will improve removal of taste and odor compounds as well as reducing solids generation and chemical costs.

Discussion of Progress:

This is an annual project for the rehabilitation of buildings, heating/ventilating/air conditioning (HVAC) systems, pumps and motors, electrical replacements, chemical

Justification:

This will help improve taste and odor issues and reduce solids generation. These items will also help maintain operational reliability, effectiveness, and improve efficiency for continued compliance with Federal and State regulations. They will also help to fulfill Water and Sewer department mandates.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	492,197	-	638,399	510,000	595,000	465,000	490,000	490,000	2,450,000	6,130,596
	Total Revenue	\$492,197	-	\$638,399	\$510,000	\$595,000	\$465,000	\$490,000	\$490,000	\$2,450,000	\$6,130,596
Expense											
8202	Construction	412,105	-	493,688	400,000	500,000	300,000	350,000	350,000	1,750,000	4,555,793
8204	Contingency	-	-	20,000	25,000	25,000	50,000	25,000	25,000	125,000	295,000
8208	Furniture, Fixtures & Equipment	9,252	-	15,000	25,000	15,000	25,000	25,000	25,000	125,000	264,252
8216	Miscellaneous	-	-	-	-	-	25,000	25,000	25,000	125,000	200,000
8224	Operating Supplies	34,469	-	-	-	-	-	-	-	-	34,469
8229	Professional Services	10,441	-	-	-	-	-	-	-	-	10,441
8232	Project Management	25,300	-	-	-	-	-	-	-	-	25,300
8234	Project Management - Burdened Labor	-	-	-	20,000	20,000	20,000	20,000	20,000	100,000	200,000
8244	Capital Equipment >\$5,000	-	-	84,711	20,000	15,000	25,000	25,000	25,000	125,000	319,711
	Total Expense	\$492,197	-	\$638,399	\$510,000	\$595,000	\$465,000	\$490,000	\$490,000	\$2,450,000	\$6,130,596
	Net Total	-	-	-	-	-	-	-	-	-	-



Boyd WTP Process Improvements

Project Number:	12501	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Boyd Filter Plant
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890270000000000
Project Status:	Funded		

Description:

Design & construct improvements to enable the plant to operate during winter, improve water quality with additional contact time with powder activated carbon, better interaction of treatment chemicals, and replacement of significantly aging electrical infrastructure.

Discussion of Progress:

Carollo has completed updated construction drawings for installation of new flocculators and rapid mix. The electrical and programming work will be completed in 2024 and can be done while Boyd is online. Construction work will likely be done after Boyd is shut-off in the Fall.

Justification:

The plant is inoperable during the winter. If the 2013 flood would have compromised both transmission lines instead of one, shutting Bellvue down for 6 months, Boyd would not have been able to sustain operations once freezing weather set in. Emergency interconnects for short durations are reliant on unused capacity at the time of other purveyors. The proposed improvements will improve water quality, operations costs, and winterization of the plant for essential infrastructure. The improvements would include a new chemical building and piping, and future treatment process upgrades.

Revenue Detail:

No additional information

Impact on Operating Budget:

Will result in increased operations and maintenance at plant when goal of year-round operation is reached.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	10,555,659	-	1,157,319	-	100,000	-	-	-	23,000,000	34,812,978
4789	Expense Reimbursement	11,600	-	-	-	-	-	-	-	-	11,600
Total Revenue		\$10,567,259	-	\$1,157,319	-	\$100,000	-	-	-	\$23,000,000	\$34,824,578
Expense											
8202	Construction	8,629,832	-	507,750	-	-	-	-	-	22,600,000	31,737,582
8204	Contingency	88,912	-	-	-	-	-	-	-	-	88,912
8208	Furniture, Fixtures & Equipment	-479	-	-	-	-	-	-	-	-	-479
8216	Miscellaneous	47	-	-	-	-	-	-	-	-	47
8224	Operating Supplies	-18	-	3,000	-	-	-	-	-	-	2,982
8229	Professional Services	949,458	-	600,033	-	100,000	-	-	-	350,000	1,999,491
8232	Project Management	717,882	-	-	-	-	-	-	-	-	717,882
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	25,000	25,000
8244	Capital Equipment >\$5,000	138,842	-	-	-	-	-	-	-	-	138,842
Total Expense		\$10,567,259	-	\$1,157,319	-	\$100,000	-	-	-	\$23,000,000	\$34,824,578
Net Total		-	-	-	-	-	-	-	-	-	-



Boyd Pump Station Intake Valve Replacement

Project Number:	N618	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Boyd Lake Pump Station
Project Manager:	Goodwin, Stephen	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Replacement of the of the non-working intake valve at the Boyd Lake pump station

Discussion of Progress:

Planned for replacement in 2027.

Justification:

The valve close not currently operate and is needed for proper operation of the intake structure. With the valve not working we are at risk of not being able to operate the intake structure in low water situations resulting in not having source water for the Boyd WTP.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	540,000	-	-	540,000
Total Revenue		-	-	-	-	-	\$540,000	-	-	\$540,000
Expense										
8202	Construction	-	-	-	-	-	400,000	-	-	400,000
8204	Contingency	-	-	-	-	-	100,000	-	-	100,000
8232	Project Management - Labor	-	-	-	-	-	20,000	-	-	20,000
8234	Project Management - Burdened Labor	-	-	-	-	-	20,000	-	-	20,000
Total Expense		-	-	-	-	-	\$540,000	-	-	\$540,000
Net Total		-	-	-	-	-	-	-	-	-



Boyd Sedimentation Basin Repair

Project Number:	12500	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Replacement Treatment	Regions:	5- Outside City
Fund:	Water Capital Replacement	Location:	Boyd Lake Water Treatment Plant, 3119 E Eisenhower Blvd, Loveland, CO 80537
Project Manager:	Goodwin, Stephen	Budget Unit #:	4234401890300000000000
Project Status:	Funded		

Description:

Repair of the concrete sedimentation basin at the Boyd Lake water treatment plant. This includes resurfacing of the concrete walls and re sloping the concrete floor for proper drainage.

Discussion of Progress:

The work is planned for 2026.

Justification:

The concrete sedimentation basin at the Boyd Lake water treatment plant needs repair. The concrete is spalling and the aggregate is exposed. The walls need to be resurfaced to prevent any further damage. The floor of the basin is not sloped correctly and needs to be addressed. Concrete is more degraded than current investigation shows

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	815,000	-	900,000	-	-	-	1,715,000
	Total Revenue	-	-	\$815,000	-	\$900,000	-	-	-	\$1,715,000
Expense										
8202	Construction	-	-	750,000	-	750,000	-	-	-	1,500,000
8204	Contingency	-	-	25,000	-	100,000	-	-	-	125,000
8229	Professional Services	-	-	30,000	-	30,000	-	-	-	60,000
8232	Project Management - Labor	-	-	10,000	-	10,000	-	-	-	20,000
8234	Project Management - Burdened Labor	-	-	-	-	10,000	-	-	-	10,000
	Total Expense	-	-	\$815,000	-	\$900,000	-	-	-	\$1,715,000
	Net Total	-	-	-	-	-	-	-	-	-





Fund 424

Water Acquisition

City of Greeley and United States Forest Service Land Exchange

Project Number:	424New1	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Infrastructure Maintenance	Regions:	
Fund:	Water Rights Acquisition	Location:	City & FS-Owned Parcels
Project Manager:	Gustafson, Cole	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Coordinate with the Forest Service to initiate the formal process for a Land Exchange between the City and Forest Service.

Discussion of Progress:

Project starting in 2025.

Justification:

"The City owns a parcel of land (approximately 39 acres) in the Poudre Canyon. This parcel is surrounded by the Arapaho Roosevelt National Forest and Wilderness. However, there is currently no known specific use for this land, and it can only be accessed by crossing the Poudre River on foot.

The U.S. Forest Service (FS) holds significant portions of the area around Milton Seaman Reservoir (MSR). Within these FS parcels, the City of Greeley has two critical assets:

MSR Dam Maintenance Access Road: This road provides essential access for maintaining the MSR dam.

Bridge Across North Fork of the Poudre River: This bridge is crucial for reaching the MSR Outlet Gatehouse, especially during high-water events. The gatehouse is accessible solely via this bridge.

However, because both the bridge and the access road are situated on FS property, the City faces challenges. Approval for any work on these assets requires navigating the FS's rigorous and uncertain permitting process. Notably, the bridge was washed out in 1999, and its replacement took nearly three years due to the complexities of the FS permitting procedures."

Revenue Detail:

No additional information

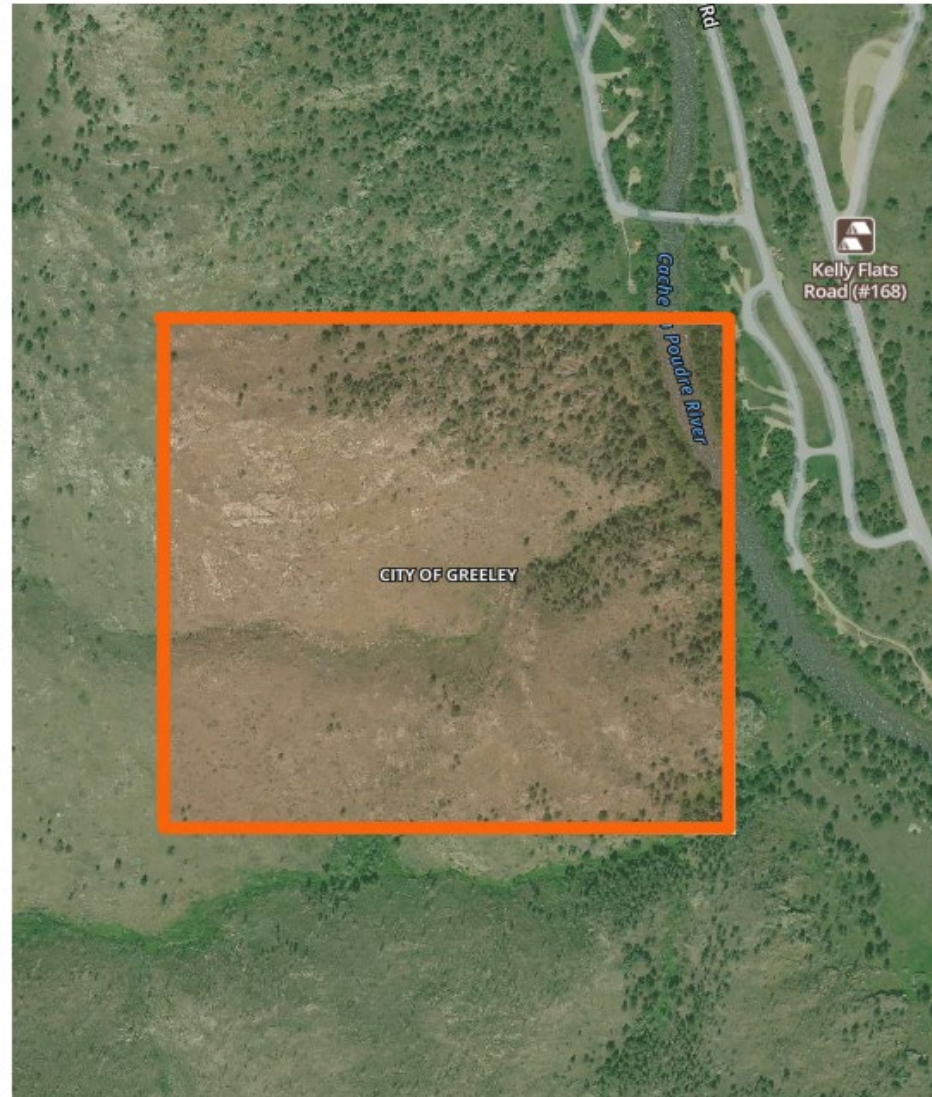
Impact on Operating Budget:

This land exchange would enhance the efficiency of upkeep and maintenance for both the MSR Outlet Gatehouse access bridge and the MSR dam maintenance access road.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	20,000	25,000	30,000	35,000	40,000	150,000
	Total Revenue	-	-	-	\$20,000	\$25,000	\$30,000	\$35,000	\$40,000	\$150,000
Expense										
8229	Professional Services	-	-	-	20,000	25,000	30,000	35,000	40,000	150,000
	Total Expense	-	-	-	\$20,000	\$25,000	\$30,000	\$35,000	\$40,000	\$150,000
	Net Total	-	-	-	-	-	-	-	-	-

Legend

-  Proposed Greeley land that the USFS would acquire through the land exchange.



Sustainable Water Conservation and Demand Management

Project Number:	12570	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	0 - All Wards
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Egenhoff, Dena	Budget Unit #:	4244401850010000000000
Project Status:	Funded		

Description:

The annual water conservation projects are dedicated to achieving tangible water acquisition gains by emphasizing water savings at the customer level. The key program is "Life After Lawn" incentivizes eligible water customers to replace traditional bluegrass turf with water-wise landscapes. This initiative is tailored for residential and commercial properties including HOAs, businesses, churches, and non-profits. The process includes mandatory irrigation retrofits to ensure sustainable practices.

Discussion of Progress:

"The Life After Lawn (LAL) project has seen increasing popularity since its pilot in 2018. By 2023, a substantial 226,939 square feet of turf has been transformed into water-wise landscapes.

Justification:

The Life After Lawn initiative encourages water conservation by replacing inefficient bluegrass turf with water-efficient landscaping.

Revenue Detail:

Program reduces the revenue collected though water rates.

Impact on Operating Budget:

This program is designed to benefit Greeley water customers directly on their properties. No additional operations budget is required upon completion. The Life After Lawn program has been fully operational since 2020 and is seamlessly integrated into the core responsibilities of staff members.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	92,896	-	211,178	75,000	75,000	75,000	75,000	75,000	325,200	1,004,274
	Total Revenue	\$92,896	-	\$211,178	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$325,200	\$1,004,274
Expense											
8212	Land/Building Cost/Demolition	-	-	157,000	75,000	75,000	75,000	75,000	75,000	325,200	857,200
8216	Miscellaneous	-	-	29,178	-	-	-	-	-	-	29,178
8224	Operating Supplies	-	-	25,000	-	-	-	-	-	-	25,000
8232	Project Management	92,896	-	-	-	-	-	-	-	-	92,896
	Total Expense	\$92,896	-	\$211,178	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$325,200	\$1,004,274
	Net Total	-	-	-	-	-	-	-	-	-	-



Non-tributary Groundwater SLB Change Case

Project Number:	12588	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	5- Outside City
Fund:	Water Rights Acquisition	Location:	Terry Ranch Site on WY border between I25 and US85
Project Manager:	Hubbard, Leah	Budget Unit #:	4244401850020000000000
Project Status:	Funded		

Description:

File water court application, complete engineering and obtain decree for the change of use of groundwater rights in the Upper Laramie aquifer associated with State Land Board lands near Terry Ranch. In order to create the preliminary engineering we must drill wells within the SLB parcels.

Discussion of Progress:

\$2 million that was appropriated in 2021 for drilling costs is timing out at the end of 2023. The original plan was to complete drilling using these funds during 2023. Unexpectedly, the two bids received in response to Greeley's request for proposals in 2023 were inconsistent with the budgeted amount; this delayed the project significantly. A recent third party review of a revised request for proposals for the drilling program estimates drilling costs at \$6 million, with an additional \$500k estimated for revegetation and contingency of \$550k. Additional money needs to be available in 2025+ for engineering and legal costs associated with the water court process. We currently do not have a timeline for when the case will be complete and have budgeted annual expenses for the next 10 years.

We aim to commence drilling by the end of 2024, but unforeseen wildlife restrictions mandated by the State could postpone drilling and associated operations until 2025. Any

Justification:

Utilization of these groundwater rights is restricted to municipal purposes such as augmentation and substituting altered return flows, contingent upon court-approved modifications. It is crucial to promptly submit an application and navigate the water court proceedings to secure a non-tributary groundwater designation, as opposition within the basin is steadily escalating, making attainment progressively challenging over time.

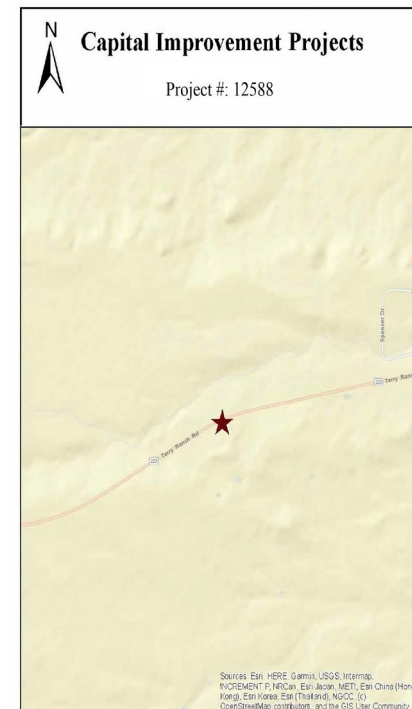
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3		2024								
		Years	2023 Actual	Revised Budget								
Revenue												
	Fund Balance	-	-	6,200,000	7,600,000	100,000	100,000	100,000	100,000	500,000		14,700,000
Total Revenue		-	-	\$6,200,000	\$7,600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000		\$14,700,000
Expense												
8202	Construction	-	-	5,700,000	7,050,000	-	-	-	-	-		12,750,000
8229	Professional Services	-	-	500,000	550,000	100,000	100,000	100,000	100,000	500,000		1,950,000
Total Expense		-	-	\$6,200,000	\$7,600,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000		\$14,700,000
Net Total		-	-	-	-	-	-	-	-	-		-





Response and Management to Northern Integrated Supply Project

Project Number:	12925	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	0 - All Wards
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Dowdy, Kelen	Budget Unit #:	4244401855030000000000
Project Status:	Funded		

Description:

The Northern Integrates Supply Project obtained the U.S. Army Corps of Engineers federal Clean Water Act Section 404 Record of Decision in December, 2022. This signals the completion of the federal permitting process for the project, therefore triggering the need for Greeley to prepare to protect its water rights within its legal bounds. Secondly, the approval of the Northern Integrated Supply Project (NISIP) was contingent on the distribution of "adaptive management" projects and funds that the City needs to be sure to leverage when necessary.

Discussion of Progress:

The project is contingent on the steps taken by Northern Water, the city will respond accordingly based off of their timeline.

Justification:

As identified in the Integrated Water Resource Plan, Greeley's Poudre River supplies are vital to the long-term reliability of the Cities Water Rights. Because of the location and operations of the NISP project, it could directly affect water availability, water quality and current operations of the Greeley water resource system. Particularly in danger is the Bellvue Water Treatment Plant owned by Greeley just downstream on the Poudre River from the proposed diversion to the NISP Reservoir; an asset with a replacement cost estimated to be at least \$80M. Secondly, the NISP adaptive management funds will be distributed as described in the federal permitting. There will be opportunity for the City to possibly leverage these funds to mitigate the effect of the project on the Greeley system. Greeley has already spent incredible investment to protect its resources from the project and it is prudent to continue to.

Revenue Detail:

No additional information

Impact on Operating Budget:

There is an operating budget increase request that will cover ongoing costs of the adaptive management funds.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	675,000	385,000	-	-	-	-	1,060,000
	Total Revenue	-	-	\$675,000	\$385,000	-	-	-	-	\$1,060,000
Expense										
8229	Professional Services	-	-	675,000	385,000	-	-	-	-	1,060,000
	Total Expense	-	-	\$675,000	\$385,000	-	-	-	-	\$1,060,000
	Net Total	-	-	-	-	-	-	-	-	-

NISP ACHIEVES MAJOR MILESTONE

The U.S. Army Corps of Engineers has issued a federal Clean Water Act Section 404 Record of Decision for NISP.

[LEARN MORE](#)

About the Project



Pipeline



Recreation



WaterSecure

Big Thompson Source Water Assessment and Protection Plan

Project Number:	12926	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	5- Outside City
Fund:	Water Rights Acquisition	Location:	3119 E Eisenhower Blvd, Loveland, CO
Project Manager:	Jackson, Michaela	Budget Unit #:	4244401890110000000000
Project Status:	Funded		

Description:

This project is a multi-year, collaborative effort that will support decision making in the protection of Greeley's source water quality in the Big Thompson Watershed. The first phase will include a revision to Greeley's Source Water Assessment (last updated in 2013) by updating the inventory of potential sources of contamination, re-ranking the susceptibility of the water system to contamination by the identified sources, and integrating source water quality data from the last decade. The second phase will involve stakeholder engagement to define priorities and goals, identify protection strategies and partnership opportunities, and outline resource needs. The third phase will revolve around the development of a Source Water Protection Plan to summarize findings from the assessment and stakeholder engagement processes, define best management practices for each of the potential sources of contamination, and devise contingency plans for emergency situations. The final phase of the project will include identifying actionable items to protect the source water, implementing those best management practices, and outreach activities to distribute the plan and educate the public of its purpose and content.

Discussion of Progress:

Design is planned for 2024.

Justification:

Comprehensive source water protection planning is integral to water supply planning as it is an important tool for understanding the threats to a drinking water source, protecting its availability and quality, and thus, safeguarding public health and preserving the value of water rights and water treatment infrastructure owned by the city. A Source Water Assessment and Protection Plan will assist with planning treatment infrastructure upgrades by clearly identifying water quality concerns in the source, from which the most efficient strategies for treatment can be distilled. A robust plan can also reduce treatment costs, prevent contaminated water from entering the distribution system, and increase collaboration through partnerships in the watershed. Greeley has a long, proud history of securing high quality water through acquisition; however, in the face of emerging contaminants and widespread pollution caused by human development, it is of great importance that the quality of Greeley's source water is continuously guarded.

Tagging project to the "Safe and Secure Communities" council priority because of the focus on safe and clean drinking water, however the council priority of "Sustainable Infrastructure and Mobility" would also be appropriate.

Revenue Detail:

There is some overlap with a recent \$25K grant from the Colorado Department of Public Health and the Environment (CDPHE) received for water quality sampling and planning related to Per- and Polyfluorinated Substances (PFAS) contamination that will be leveraged with the capital funds.

Impact on Operating Budget:

The Source Water Assessment and the Protection Plan will need to be re-evaluated periodically to update with new sources of contamination alongside human development and future research findings, and to ensure its continued applicability.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	160,000	-	-	-	8,000	-	168,000
Total Revenue		-	-	\$160,000	-	-	-	\$8,000	-	\$168,000
Expense										
8216	Miscellaneous	-	-	7,000	-	-	-	-	-	7,000
8224	Operating Supplies	-	-	10,000	-	-	-	-	-	10,000
8229	Professional Services	-	-	85,000	-	-	-	8,000	-	93,000
8232	Project Management - Labor	-	-	48,000	-	-	-	-	-	48,000
8244	Capital Equipment >\$5,000	-	-	10,000	-	-	-	-	-	10,000
Total Expense		-	-	\$160,000	-	-	-	\$8,000	-	\$168,000
Net Total		-	-	-	-	-	-	-	-	-



Interruptible Supply and Storage Project / Alternative Transfer Method (ATM)

Project Number:	12928	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	0 - All Wards
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Tennant, Alexander	Budget Unit #:	4244401855040000000000
Project Status:	Funded		

Description:

Interruptible supply and alternative transfer method planning with consultants, landowners, and ditch companies. In addition, there is an aging center pivot sprinkler on a City owned farm parcel which is being evaluated for future interruptible supply use.

Discussion of Progress:

Seeking out areas near the entryways of the community and evaluating current City owned parcels to preserve our historical agricultural heritage while allowing for water sharing partnerships. Planning to replace center pivot sprinkler on the Alm Farm with this account.

Justification:

The City of Greeley has been working on various water sharing /alternative transfer method projects to secure water supplies that will be able to serve the City's municipal water needs during periods of drought yet remain in agriculture in average or wet years. Our community is located in the heart of Weld County's vast agriculture production and there is a reality setting in that prime farmland which significantly contributes to the Greeley economy is being targeted for buy and dry. The City and its water utility customers will benefit from using this water-sharing budget, matched with other acquisition funds, when they are available, to secure water for Greeley's future and protect strategic agricultural lands that have viable water supplies for meeting drought year needs. A large part of Greeley's acquisition strategy is to by farms with desirable water rights and maintain them until the City needs the water. In 2020 Greeley acquired the 140+/- acre Alm farm property for the associated water rights. A 20-plus-year-old center-pivot sprinkler was included with the farm and this pivot is old, outdated and has started to fail. It can no longer reliably deliver water throughout the irrigation season without water delivery interruptions and the maintenance/repair costs have been increasing annually.

As Northern Colorado's population continues to grow, the historical trend is that farmland and the attached water rights are bought for future development and are subsequently dried up. Much of the most productive farmland is located right outside Greeley's future growth boundary and the longer the City waits to pursue and develop these water sharing partnerships the less opportunity there will be. Another risk in not pursuing Interruptible Supply and Storage Project partnerships now is the City will have to have to buy these water shares out right at a much higher cost which would impact water rates.

Revenue Detail:

No additional information

Impact on Operating Budget:

An Interruptible Supply and Storage Project is expected to reduce the amount of time that staff needs to spend pursuing other water acquisitions. Regarding the center pivot, over the past three years there has been an average of about \$3,000 spent on repairs to keep the pivot operational, this cost is estimated to increase annually as the pivot gets older. By replacing it there will be a minimum annual operation cost for the city. Annual preventative maintenance costs will be covered by the lessee per the leaseback agreement.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	600,000	895,000	-	775,000	-	775,000	3,045,000
	Total Revenue	-	-	\$600,000	\$895,000	-	\$775,000	-	\$775,000	\$3,045,000
Expense										
8202	Construction	-	-	-	120,000	-	-	-	-	120,000
8212	Land/Building Cost/Demolition	-	-	575,000	750,000	-	750,000	-	750,000	2,825,000
8229	Professional Services	-	-	25,000	25,000	-	25,000	-	25,000	100,000
	Total Expense	-	-	\$600,000	\$895,000	-	\$775,000	-	\$775,000	\$3,045,000
	Net Total	-	-	-	-	-	-	-	-	-



Integrated Water Resources Plan Update

Project Number:	424New2	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	0 - All Wards
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Dowdy, Kelen	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

The Integrated Water Resource Plan (IWRP) Update is necessary to continue to practice prudent planning for the Water & Sewer department that became the IWRP with Project 12558 in 2021-2023. The IWRP Update project will consist of updating the assumptions built into the original IWRP project including but not limited to: supply indicators, change case outcomes, current consumption and projected demands. The update will leverage annual work conducted by the Water Resource team to adaptively track critical metrics to the department. This update is a critical investment to extend the value of the initial capital project creating the IWRP.

Discussion of Progress:

The project will have a scope of work that outlines tasks and deliverables to be completed within 2 years of project initiation.

Justification:

As identified in the Integrated Water Resource Plan, the purpose of this project is to update the Master Plan known as the Integrated Water Resource Plan. This plan is integral to identification of Critical Infrastructure Projects and investment, most notably the timing and integration of the Terry Ranch project. This project will leverage work conducted internally to adaptively update critical water resource metrics to track the future conditions the city should plan for. It will be used to assist the Water & Sewer department in understanding the constraints and opportunities available in the existing system and an expanded system with Terry Ranch online.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	-	300,000	-	300,000
	Total Revenue	-	-	-	-	-	-	\$300,000	-	\$300,000
Expense										
8229	Professional Services	-	-	-	-	-	-	300,000	-	300,000
	Total Expense	-	-	-	-	-	-	\$300,000	-	\$300,000
	Net Total	-	-	-	-	-	-	-	-	-

Planning Scenario Name	Climate Warming	Colorado River Basin Impacts	Water Rights Administration	Demand Growth
Unbearable		 High		
Stressed		 Moderate		
Continued Trends		 Moderate		
Optimistic		 Low		
No Climate Change		 Low		

Poudre Basin Model Update

Project Number:	424New5	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	0 - All Wards
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Dowdy, Kelen	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

The Poudre Basin Network Model (PBN) is a model that simulated water supply infrastructure and operations by municipal, industrial and agricultural entities in the Poudre River Basin. The PBN utilizes the Decision Support System MODSIM-DSS (MODSIM is a general-purpose river and reservoir operations simulation model developed at Colorado State University and used worldwide for river system modeling) to quantify the yield for agricultural and municipal entities in the basin. A Post-processor is then used to provide the entitlements from water rights owned by Greeley and integrated into the Greeley System Model. In 2020 Greeley updated the Greeley System Model to reflect current ownership and operations and to update the MODSIM-DSS version in order to be useful given technological advancements. Similarly, the PBN needs to be updated to reflect water rights and operational changes that have occurred in the last decade.

Discussion of Progress:

No progress is anticipated until 2027.

Justification:

The model is used by water users (City of Fort Collins Utilities, Northern Water, and City of Greeley) throughout the Poudre River Basin to quantify the yields of agricultural and municipal water rights, and to provide preliminary estimates of Poudre River streamflows. The last time this model was updated was in 2012, since then there have been small modifications but no large-scale changes. An update to the PBN is needed to reflect the changes in water rights and river operations that have occurred since the last model update. There is a high potential to cost share on this project. The total estimated cost to update the model is \$600,000. Assuming a three-way split of project costs between the other large PBN users (Fort Collins Utilities, Northern Water, and Greeley), Greeley's projected cost is \$200,000.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	200,000	-	-	200,000
	Total Revenue	-	-	-	-	-	\$200,000	-	-	\$200,000
Expense										
8229	Professional Services	-	-	-	-	-	200,000	-	-	200,000
	Total Expense	-	-	-	-	-	\$200,000	-	-	\$200,000
	Net Total	-	-	-	-	-	-	-	-	-

Water and Sewer History 2nd Edition

Project Number:	424New6	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	High-Performance Government
Project Type:	Water Rights Acquisition	Regions:	
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Pierce, Virgil	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Update of the Water and Sewer History. Interviews, document and records searches, and newspaper and journal article reviews. This update is expected to focus on developments in the 21st century and the impact of climate on the city's planning and development.

Discussion of Progress:

Project expected to start in 2025.

Justification:

The City of Greeley has been central to the development of water rights in Northern Colorado and at times much of the Western United States. The first edition of this history "Confluence" produced a book that reviews the history of Greeley Water from the 19th century through the 20th century. This second edition will focus on developments in the 21st century and interviews with stakeholders involved in planning and investment for the city.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	150,000	-	-	-	-	150,000
	Total Revenue	-	-	-	\$150,000	-	-	-	-	\$150,000
Expense										
8229	Professional Services	-	-	-	150,000	-	-	-	-	150,000
	Total Expense	-	-	-	\$150,000	-	-	-	-	\$150,000
	Net Total	-	-	-	-	-	-	-	-	-

Development of Parcel B, Poudre Ponds

Project Number:	12523	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	1- 16 St North/35 Ave East
Fund:	Water Rights Acquisition	Location:	35th Ave. North of F St.
Project Manager:	Duve, Ryan	Budget Unit #:	4244401880070000000000
Project Status:	Funded		

Description:

The Poudre Ponds site is an important non-potable water storage facility that enables Greeley to meet return flow obligations to the Poudre River and supplies non-potable water for irrigation needs. Pond B is currently being mined and will require restoration of the pond banks by seeding. The plan is to plant seed after each side has been mined making this a multi-year project. The Poudre Ponds site is an important non-potable water storage facility that enables Greeley to meet return flow obligations to the Poudre River and supplies non-potable water for irrigation needs. Pond B is currently being mined and will require restoration of the pond banks by seeding. The plan is to plant seed after each side has been mined making this a multi-year project.

Discussion of Progress:

Mining is on going and scheduled to be completed by December 31, 2025 which is the end of the contract with Hall Irwin Construction.

Justification:

In the vicinity of the Poudre Ponds Recreational Fishery, approximately 1,300 feet downstream of the N35th Ave bridge over the Poudre River, the right bank of the river is actively eroding (and experienced substantial erosion during spring runoff in 2021), threatening the stability and safety of the Poudre River Trail and Poudre Pond's Pond A slurry/containment wall. The actively eroded section of bank measured approximately 65 feet in length, with an additional 45 feet of bank upstream that is showing signs of instability. Downstream of the critical failure, bank protection measures have been installed using various methods from a riprap blanket (260 feet of bank just downstream of the critical bank area) and concrete rubble. During the summer of 2021, emergency bank protection was completed at the site with the use of stacked sandbags to minimize further bank sloughing. While the sandbags provided temporary protection to the riverbank, they were undermined by river flow and destabilized over the course of several weeks.

Seeding will establish native grass growth to help stabilize the soil and reduce obnoxious weed growth.

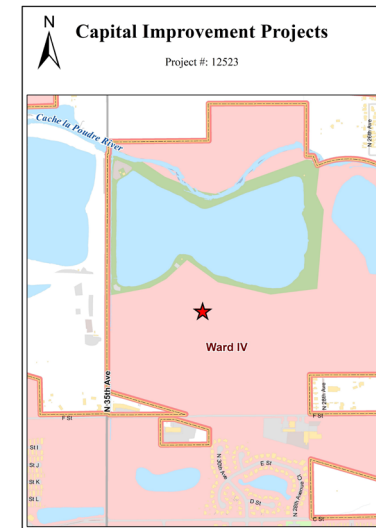
Revenue Detail:

The water fund receives approximately \$70,000 in royalty revenue each year that mining occurs on the site.

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	1,171,763	-	1,799,611	199,000	1,236,000	-	-	-	4,406,374
5636	Royalties	43,226	-	-	-	-	-	-	-	43,226
Total Revenue		\$1,214,988	-	\$1,799,611	\$199,000	\$1,236,000	-	-	-	\$4,449,599
Expense										
8202	Construction	788,639	-	1,522,144	171,000	114,000	-	-	-	2,595,783
8204	Contingency	-	-	170,268	18,000	12,000	-	-	-	200,268
8212	Land/Building Cost/Demolition	-	-	-	-	1,100,000	-	-	-	1,100,000
8216	Miscellaneous	-	-	49,956	-	-	-	-	-	49,956
8229	Professional Services	378,395	-	23,589	-	-	-	-	-	401,984
8232	Project Management	29,813	-	-	-	-	-	-	-	29,813
8234	Project Management - Burdened Labor	-	-	-	5,000	5,000	-	-	-	10,000
Total Expense		\$1,214,988	-	\$1,799,611	\$199,000	\$1,236,000	-	-	-	\$4,449,599
Net Total		-	-	-	-	-	-	-	-	-



Overland Trail

Project Number:	12593	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	5- Outside City
Fund:	Water Rights Acquisition	Location:	Northwest of Fort Collins
Project Manager:	Hubbard, Leah	Budget Unit #:	4244401855020000000000
Project Status:	Funded		

Description:

The Overland Trail Gravel Pits are located NW of Fort Collins. Greeley and the Tri-Districts purchased half of the gravel pits from Lafarge in 2004. The other half were owned by individual land owners; Greeley and Tri-Districts has completed the acquisition of these pits. Ultimately, Greeley's storage will be approximately 2,500 acre-feet. The pits will be used to store potable supplies for the Bellvue filter plant and to meet return flows required by ditch company acquisition. The costs shown are Greeley's portion to be paid to the Tri-Districts which are creating the storage.

Discussion of Progress:

The Larimer Canal No. 2 is a ditch that flows next to Overland Trail Ponds. Greeley and the Tri-Districts negotiated and completed a carriage agreement with the Larimer

Justification:

The Water Master Plan intends for the City to develop high quality supplies in the Poudre basin to meet water supply needs prior to the expansion of the Milton Seaman reservoir. The desirable options include building small projects such as the Overland Trail to maximize the value of existing water supplies and of purchased supplies in the future.

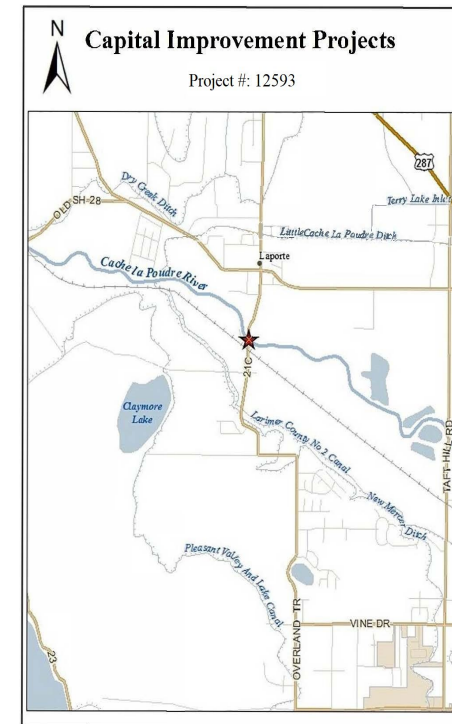
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	432	-	35,000	70,000	70,000	70,000	70,000	70,000	5,410,000	5,795,432
	Total Revenue	\$432	-	\$35,000	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$5,410,000	\$5,795,432
Expense											
8202	Construction	-	-	-	-	-	-	-	-	5,000,000	5,000,000
8204	Contingency	-	-	-	-	-	-	-	-	200,000	200,000
8216	Miscellaneous	-	-	-	-	-	-	-	-	110,000	110,000
8229	Professional Services	-	-	20,000	30,000	30,000	30,000	30,000	30,000	-	170,000
8232	Project Management	432	-	-	-	-	-	-	-	-	432
8234	Project Management - Burdened Labor	-	-	-	20,000	20,000	20,000	20,000	20,000	50,000	150,000
	Total Expense	\$432	-	\$35,000	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$5,410,000	\$5,795,432
	Net Total	-	-	-	-	-	-	-	-	-	-



Future Water Acquisition - Phase II

Project Number:	12543	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	5- Outside City
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Gustafson, Cole	Budget Unit #:	4244401855050000000000
Project Status:	Funded		

Description:

Greeley needs additional water supplies for growth. Water Acquisition Phase II seeks acquisition of 10,000 acre-feet of agricultural water supplies. Surface water supplies, secured via purchase of agricultural water rights, are needed to serve a growing population and for future underground storage in the Terry Ranch Project.

Discussion of Progress:

Wingfoot Credits are starting to sell and the Integrated Water Resource Plan which was completed in early 2023 showed that Greeley needs to continue and acquire high-priority water rights for the future.

Justification:

Greeley's water demands are expected to more than double over the next 50-years. Additional water supplies are needed to meet this future demand. The Water Master Plan intended for the City to develop a Future Water Account (FWA) and to generally identify the water supplies needed for increasing potable firm yield. Supplies identified as being the best fit for the Greeley water system are seeing rapid price escalation (over 20% annually in some cases). Therefore, if the City is going to secure water for its future growth, an active acquisition program should be implemented.

Revenue Detail:

The water fund receives varying amounts of revenue by renting the water supplies back to agriculture and industry. The revenue amount varies year to year depending on water availability.

Impact on Operating Budget:

Water assessment fees increase when the city buys additional shares of ditch company water. The cost varies by the water right acquired.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	15,932,140	-	11,937,881	9,740,000	4,995,000	5,190,000	5,395,000	5,585,000	30,995,000	89,770,021
4789	Expense Reimbursement	500	-	-	-	-	-	-	-	-	500
53**	Water Rates	-	-	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	6,250,000	13,750,000
5631	Rents From Land	28,900	-	-	-	-	-	-	-	-	28,900
5715	Other-Refund Of Expenditures	491	-	-	-	-	-	-	-	-	491
5759	Other	1,307	-	-	-	-	-	-	-	-	1,307
5788	Other Private Contribution	320,000	-	-	-	-	-	-	-	-	320,000
5801	Sales Of Fixed Assets	240,827	-	-	-	-	-	-	-	-	240,827
6421	Water Fund Cost Allocation	1,500,000	-	-	-	-	-	-	-	-	1,500,000
Total Revenue		\$18,024,164	-	\$13,187,881	\$10,990,000	\$6,245,000	\$6,440,000	\$6,645,000	\$6,835,000	\$37,245,000	\$105,612,045
Expense											
8202	Construction	717,261	-	-	-	-	-	-	-	-	717,261
8212	Land/Building Cost/Demolition	17,127,694	-	12,875,000	10,750,000	5,990,000	6,170,000	6,360,000	6,550,000	35,820,000	101,642,694
8229	Professional Services	122,522	-	312,881	240,000	255,000	270,000	285,000	285,000	1,425,000	3,195,403
8232	Project Management	53,858	-	-	-	-	-	-	-	-	53,858
Total Expense		\$18,024,164	-	\$13,187,881	\$10,990,000	\$6,245,000	\$6,440,000	\$6,645,000	\$6,835,000	\$37,245,000	\$105,612,045
Net Total		-	-	-	-	-	-	-	-	-	-



Water Supply & Storage Change Case Ph 2

Project Number:	12672	Budget Year:	2025
Division:	Water Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Water Rights Acquisition	Regions:	0 - All Wards
Fund:	Water Rights Acquisition	Location:	Citywide
Project Manager:	Hubbard, Leah	Budget Unit #:	4244401855010000000000
Project Status:	Funded		

Description:

File water court application, complete engineering and obtain decree for the change of use of unchanged Water Supply and Storage Company (WSSC) shares.

Discussion of Progress:

Entered water court case in February of 2022. Working towards settlement with all opposing parties. Court case has not yet been rereferred to the water judge (trial track).

Justification:

Ditch company shares can only be used for municipal uses such as treatment, augmentation and return flow obligations if they have been changed in water court.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	60,507	-	241,946	100,000	-	-	-	-	402,453
	Total Revenue	\$60,507	-	\$241,946	\$100,000	-	-	-	-	\$402,453
Expense										
8229	Professional Services	60,507	-	241,946	100,000	-	-	-	-	402,453
	Total Expense	\$60,507	-	\$241,946	\$100,000	-	-	-	-	\$402,453
	Net Total	-	-	-	-	-	-	-	-	-





Fund 412

Sewer New Construction

Sanitary Sewer Manholes & Sewer Taps

Project Number:	12477	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Collection	Regions:	0 - All Wards
Fund:	Sewer Construction	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4124402820030000000000
Project Status:	Funded		

Description:

This program constructs new manholes that are found to be necessary for safe and efficient access to the sanitary sewer system. As existing sewer lines are inspected, the need for new manholes is often discovered in sewer lines that have limited access, such as cul-de-sacs or line intersections without manholes. The installation of additional manholes allows staff to clean and flush sewer lines efficiently.

This program installs sewer taps for new homes. City crews tap the sewer main and complete the installation of the sewer tap. Due to poor quality work by contractors, the City does not allow contractors to install sewer or water taps.

Discussion of Progress:

Annual program

Justification:

As existing sewer lines are inspected, the need for constructing new manholes is discovered, e.g. cul de sac with no manholes, lines intersecting with no manholes, and any other sites where access is required. Without the installation of new manholes the system cannot be properly flushed and cleaned which could lead to backups.

Water and Sewer specifications require city personnel to make new taps on existing sewer collection mains.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024		2026	2027	2028	2029	Future	Grand Total
				Revised Budget							
Revenue											
	Fund Balance	78,103	-	79,000	79,000	79,000	79,000	79,000	79,000	395,000	947,103
4464	Labor & Materials	2,696	-	-	-	-	-	-	-	-	2,696
Total Revenue		\$80,799	-	\$79,000	\$79,000	\$79,000	\$79,000	\$79,000	\$79,000	\$395,000	\$949,799
Expense											
8202	Construction	-	-	20,000	20,000	20,000	20,000	20,000	20,000	100,000	220,000
8224	Operating Supplies	30,614	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	580,614
8226	Permits, Fees, Etc	-	-	500	500	500	500	500	500	2,500	5,500
8229	Professional Services	-	-	3,500	3,500	3,500	3,500	3,500	3,500	17,500	38,500
8232	Project Management	50,185	-	-	-	-	-	-	-	-	50,185
8244	Capital Equipment >\$5,000	-	-	5,000	5,000	5,000	5,000	5,000	5,000	25,000	55,000
Total Expense		\$80,799	-	\$79,000	\$79,000	\$79,000	\$79,000	\$79,000	\$79,000	\$395,000	\$949,799
Net Total		-	-	-	-	-	-	-	-	-	-



North Greeley Sewer Phase IIA

Project Number:	12589	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Collection	Regions:	5- Outside City , 1- 16 St North/35 Ave East
Fund:	Sewer Construction	Location:	US 85 from H St. to Treatment Plant
Project Manager:	Goin, John	Budget Unit #:	4124402820040000000000
Project Status:	Funded		

Description:

Construction of 6000 LF of 36" sewer main from 11th Avenue and H Street along the Poudre River to the East Greeley Interceptor. 1400 LF completed in 2018/2019, consisting of Poudre River crossing and bored crossings of 8th Avenue and Union Pacific Railroad. The remainder is planned to be constructed in 2024-2025.

Discussion of Progress:

The next phase of this project is scheduled for construction in 2024, with 404 Permit acquisition and SUE occurring in 2024.

Justification:

At the present time the existing sewer line has roughly the capacity for approximately 850 persons or 350 homes. Significant development north of O Street would signal a need for the building of the phase 2 portion of the pipeline. Also construction of this sewer trunk line will allow Lift Station #1 to be removed, which will eliminate operating costs and maintenance associated with lift station.

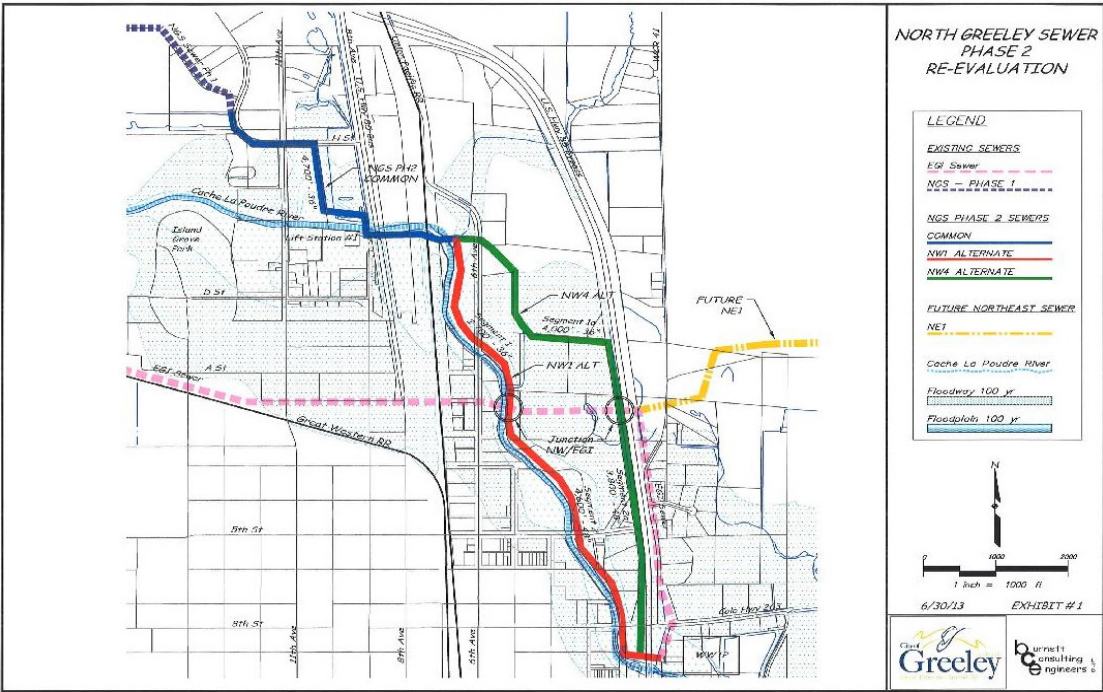
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	8,454	-	7,298,658	35,000	14,000	14,000	14,000	-	7,384,112
	Total Revenue	\$8,454	-	\$7,298,658	\$35,000	\$14,000	\$14,000	\$14,000	-	\$7,384,112
Expense										
8202	Construction	-	-	6,250,000	-	-	-	-	-	6,250,000
8204	Contingency	-	-	618,000	-	-	-	-	-	618,000
8212	Land/Building Cost/Demolition	3,724	-	15,000	-	-	-	-	-	18,724
8226	Permits, Fees, Etc	-	-	15,000	-	-	-	-	-	15,000
8229	Professional Services	355	-	291,395	25,000	10,000	10,000	10,000	-	346,750
8232	Project Management	1,242	-	-	-	-	-	-	-	1,242
8233	Project Management - Benefits	2,850	-	-	-	-	-	-	-	2,850
8234	Project Management - Burdened Labor	-	-	-	5,000	2,000	2,000	2,000	-	11,000
9303	Public Art Fund	-	-	62,500	-	-	-	-	-	62,500
	Total Expense	\$8,454	-	\$7,298,658	\$35,000	\$14,000	\$14,000	\$14,000	-	\$7,384,112
	Net Total	-	-	-	-	-	-	-	-	-



Collection Line Ext/Over

Project Number:	12520	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Collection	Regions:	4 - 10 St North/23 Ave West
Fund:	Sewer Construction	Location:	Johnson Subdivision
Project Manager:	Goin, John	Budget Unit #:	4124402820000000000000
Project Status:	Funded		

Description:

2024 Construction of approximately 1,400 LF of 8" sewer main and service connections in Johnson Subdivision on 38th Avenue, north of 4th Street to serve existing homes when septic systems fail or customers choose to connect to sanitary system. 2027 Replacement of approximately 350 LF of 4" service line serving 1311 18th Street with an 8" sewer main and manhole to eliminate a long service line and properly connect to the system. Pavement overlay was completed in 2021 or 2022 so project will be pushed off until 2027.

Discussion of Progress:

2023 work completed by September 2023. Johnson Subdivision construction will begin April or May, 2024 with about 1.400 LF of sewer and 5 manholes. 18th Street is planned for 2027.

Justification:

Currently most homes in Johnson Subdivision are on septic systems, although a few are connected to the existing sewer serving some areas. This project will install sewer main throughout the subdivision to connect all homes when septic systems fail. The home at 1311 18th Street has a long, 350 foot 4" service line, with a bend in it, that runs east on 18th Street. Maintenance of this line in the City ROW is difficult, so replacement to an 8" main would allow proper maintenance.

Revenue Detail:

No additional information

Impact on Operating Budget:

Additional maintenance costs due to expanded system (offset by rate revenue from new customers).

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	459,510	-	340,000	-	-	410,000	-	-	1,209,510
	Total Revenue	\$459,510	-	\$340,000	-	-	\$410,000	-	-	\$1,209,510
Expense										
8202	Construction	39,499	-	270,000	-	-	300,000	-	-	609,499
8204	Contingency	-	-	30,000	-	-	20,000	-	-	50,000
8224	Operating Supplies	-	-	-	-	-	50,000	-	-	50,000
8229	Professional Services	80,068	-	20,000	-	-	20,000	-	-	120,068
8232	Project Management	294,434	-	-	-	-	-	-	-	294,434
8234	Project Management - Burdened Labor	-	-	-	-	-	10,000	-	-	10,000
	Total Expense	\$459,510	-	\$340,000	-	-	\$410,000	-	-	\$1,209,510
	Net Total	-	-	-	-	-	-	-	-	-

Lift Station 9

Project Number:	N768	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	0 - All Wards
Fund:	Sewer Construction	Location:	TBD
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Construction of a new Sanitary Sewer Lift Station to replace the undersized Lift Station #9 in East Greeley. Future growth-driven project identified in the 2021 Sanitary Sewer Master Plan as deficient

Discussion of Progress:

Scheduled to begin design in 2026 with construction in 2027 and 2028.

Justification:

Lift Station #9's current capacity is insufficient for current flows, especially during wet weather events, due to the collection system within its service area being highly susceptible to infiltration. Modeling shows that peak inflows exceed the capacity of the lift station, which cause the level in the wet well to rise such that wastewater begins to surcharge upstream. In addition, the City anticipates additional growth in East Greeley. To service this area, Lift Station #9 will need to be relocated from its current location further east.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

County Road 17 West Greeley Interceptor

Project Number:	412New3	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Collection	Regions:	
Fund:	Sewer Construction	Location:	CR 17 between Hwy 34 and Windsor in West Greeley
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Construction of 16,000 LF of 18" sewer main along WCR 17, from Hwy 34 to Windsor, consisting of two bored highway crossings (Hwy 34 and 257).

Discussion of Progress:

Design in 2025 with construction planned for 2027.

Justification:

WCR 17/Hwy 34 area has no way to connect to either Greeley or Windsor's collection system. Development in this area cannot occur without a new interceptor to carry wastewater to Windsor.

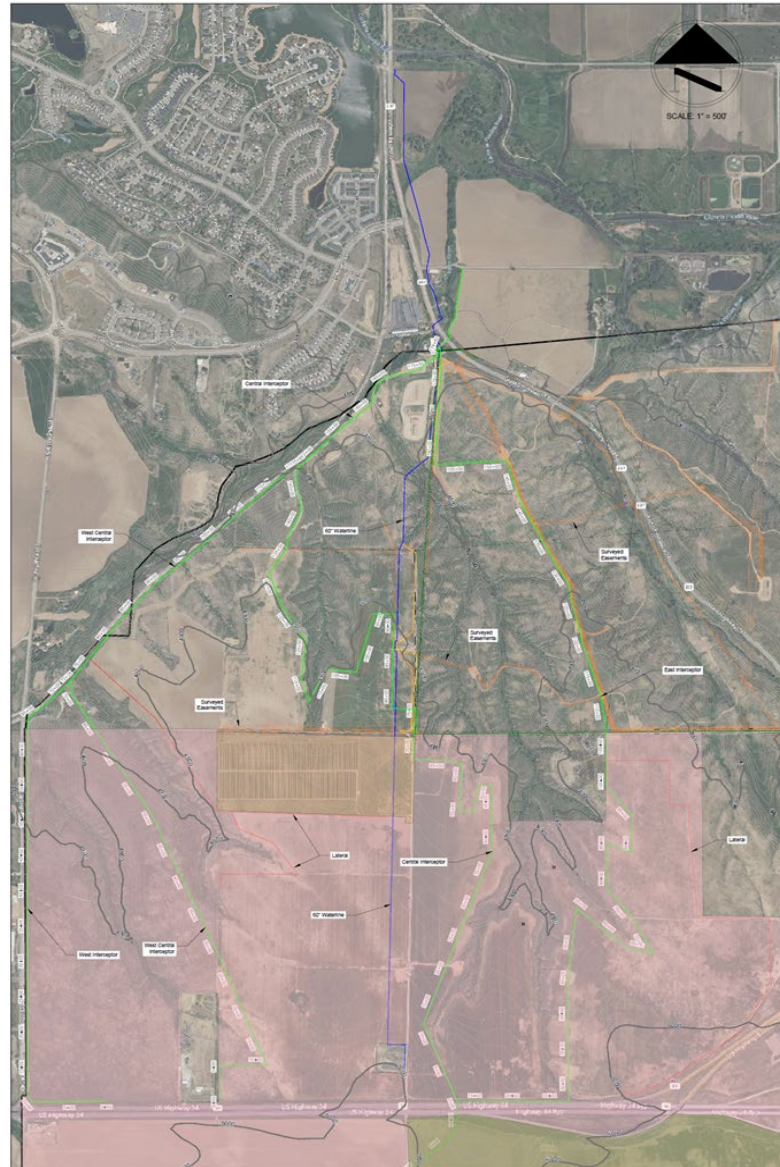
Revenue Detail:

No additional information

Impact on Operating Budget:

Project will add 3 more miles of interceptor for Operations to maintain.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	770,000	12,170,000	-	-	-	12,940,000
	Total Revenue	-	-	-	\$770,000	\$12,170,000	-	-	-	\$12,940,000
Expense										
8202	Construction	-	-	-	-	10,000,000	-	-	-	10,000,000
8204	Contingency	-	-	-	-	2,000,000	-	-	-	2,000,000
8226	Permits, Fees, Etc	-	-	-	250,000	50,000	-	-	-	300,000
8229	Professional Services	-	-	-	500,000	100,000	-	-	-	600,000
8232	Project Management - Labor	-	-	-	10,000	10,000	-	-	-	20,000
8234	Project Management - Burdened Labor	-	-	-	10,000	10,000	-	-	-	20,000
	Total Expense	-	-	-	\$770,000	\$12,170,000	-	-	-	\$12,940,000
	Net Total	-	-	-	-	-	-	-	-	-



New Vehicle and Equipment Purchases

Project Number:	412New2	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Capital Equipment	Regions:	
Fund:	Sewer Construction	Location:	Citywide
Project Manager:	Pierce, Virgil	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Purchase of new construction vehicles, passenger vehicles, and capital equipment for Sewer. Mainly driven by new positions and new construction equipment. Budget is a contingency plus new positions approved for 2025.

Discussion of Progress:

We continue to see lead times of 12 - 18 months for vehicles and vehicle purchasing is a pain point for the department with orders being cancelled without notice and other concerns.

Justification:

Water and sewer personnel work with infrastructure from Cameron Peak to the east side of the city and vehicles are necessary for transportation, infrastructure construction and rehabilitation, and equipment such as generators, hydraulic power units, mowers, etc. are necessary components of maintaining the city's infrastructure.

Revenue Detail:

No additional information

Impact on Operating Budget:

New vehicles will be accompanied by increases for vehicle fuel and maintenance.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	70,000	70,000	70,000	70,000	350,000	630,000
	Total Revenue	-	-	-	-	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$630,000
Expense											
8144	Transportation/Vehicles	-	-	-	70,000	50,000	50,000	50,000	50,000	250,000	450,000
8149	Other Machinery And Equipment	-	-	-	200,000	20,000	20,000	20,000	20,000	100,000	180,000
	Total Expense	-	-	-	270,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$630,000
	Net Total	-	-	-	-	-	-	-	-	-	-



EV Charging Infrastructure - Wastewater

Project Number:	412New4	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Treatment	Regions:	
Fund:	Sewer Construction	Location:	300 E 8th St
Project Manager:	Unassigned	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Installation of EV Charging Infrastructure: 2027 - Level 2 Charger for Wastewater Treatment and Reclamation Facility; 2028 - Level 2 Charger for Wastewater Collections and Asset Management site.

Discussion of Progress:

Water and Sewer's first Electric Vehicle is ordered and delivery is expected in late 2024 or 2025. This project is being planned to build out Level 2 and Level 3 charging infrastructure for use by the Water and Sewer department.

Justification:

The department aims to diversity the vehicle fleet to use a portfolio of fuels and protect against price shocks on one particular fuel. Before a large expansion of the EV fleet for the department can be made a base line of charging infrastructure needs to be made available on water and sewer properties.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	32,000	-	-	32,000
	Total Revenue	-	-	-	-	-	\$32,000	-	-	\$32,000
Expense										
8202	Construction	-	-	-	-	-	32,000	-	-	32,000
	Total Expense	-	-	-	-	-	\$32,000	-	-	\$32,000
	Net Total	-	-	-	-	-	-	-	-	-

Lift Station 9 Flow Diversion

Project Number:	412New1	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Collection	Regions:	5- Outside City
Fund:	Sewer Construction	Location:	East Greeley from LS9 to E 18th St / Hemlock Ave
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Construction of 11,200 LF of 21" gravity sewer main from current LS 9 on E. 24th St, east to Hemlock Ave, then north to E. 18th St to proposed East Greeley Lift Station. Contruction will include a 200 bore under Hwy 34. Construction planned for 2028 depending on completion of East Lift Station.

Discussion of Progress:

The project is scheduled for construction in 2028, with design starting in 2026

Justification:

When Lift Station 9 is replaced by East Greeley Lift Station, all flows currently handled by LS 9 will need to be diverted to E Greeley LS. The proposed project provides a gravity alignment to divert current flows to the new lift station. This line is necessary to abandon LS 9 once the new lift station is operational.

Revenue Detail:

No additional information

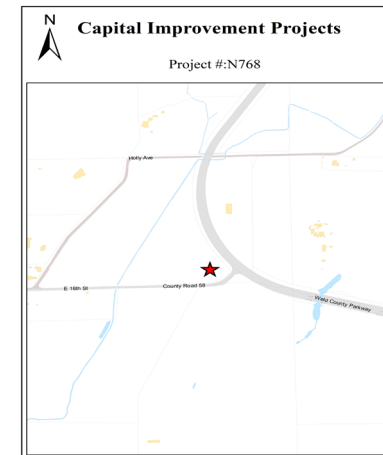
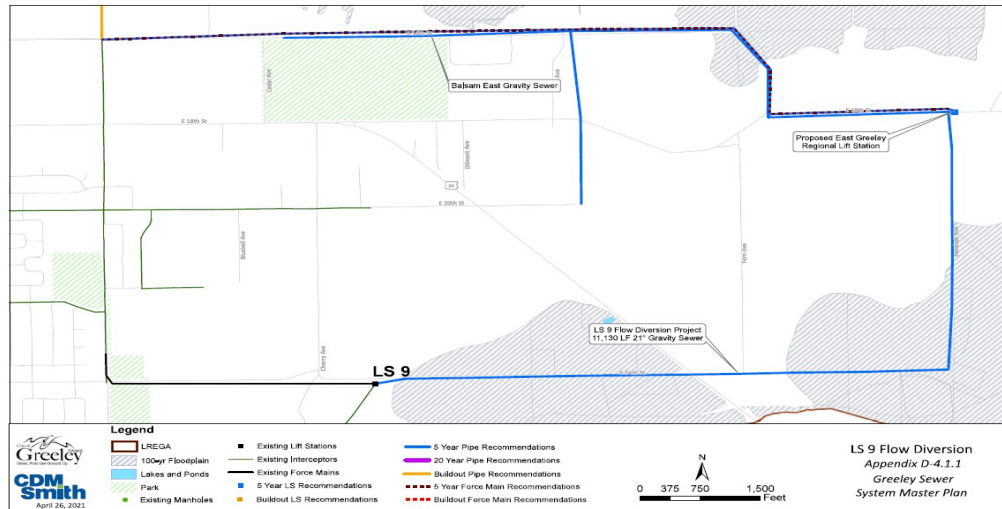
Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	120,000	1,015,000	8,300,000	-	9,435,000
	Total Revenue	-	-	-	-	\$120,000	\$1,015,000	\$8,300,000	-	\$9,435,000
Expense										
8202	Construction	-	-	-	-	-	-	6,000,000	-	6,000,000
8204	Contingency	-	-	-	-	-	50,000	1,600,000	-	1,650,000
8212	Land/Building Cost/Demolition	-	-	-	-	-	100,000	100,000	-	200,000
8226	Permits, Fees, Etc	-	-	-	-	-	40,000	40,000	-	80,000
8229	Professional Services	-	-	-	-	100,000	800,000	500,000	-	1,400,000
8232	Project Management - Labor	-	-	-	-	10,000	10,000	30,000	-	50,000
8234	Project Management - Burdened Labor	-	-	-	-	10,000	10,000	30,000	-	50,000
8235	Real Estate - Internal Chgs Only	-	-	-	-	-	5,000	-	-	5,000
	Total Expense	-	-	-	-	\$120,000	\$1,015,000	\$8,300,000	-	\$9,435,000
	Net Total	-	-	-	-	-	-	-	-	-



GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	1,600,000	5,320,000	5,820,000	-	12,740,000
	Total Revenue	-	-	-	-	\$1,600,000	\$5,320,000	\$5,820,000	-	\$12,740,000
Expense										
8202	Construction	-	-	-	-	-	4,000,000	4,500,000	-	8,500,000
8204	Contingency	-	-	-	-	-	1,000,000	1,000,000	-	2,000,000
8212	Land/Building Cost/Demolition	-	-	-	-	200,000	-	-	-	200,000
8226	Permits, Fees, Etc	-	-	-	-	30,000	-	-	-	30,000
8229	Professional Services	-	-	-	-	1,250,000	250,000	250,000	-	1,750,000
8232	Project Management - Labor	-	-	-	-	10,000	10,000	10,000	-	30,000
8234	Project Management - Burdened Labor	-	-	-	-	10,000	10,000	10,000	-	30,000
8235	Real Estate - Internal Chgs Only	-	-	-	-	100,000	-	-	-	100,000
8242	Utility Services	-	-	-	-	-	50,000	50,000	-	100,000
	Total Expense	-	-	-	-	\$1,600,000	\$5,320,000	\$5,820,000	-	\$12,740,000
	Net Total	-	-	-	-	-	-	-	-	-



WTRF Capacity Expansion

Project Number:	N769	Budget Year:	2025
Division:	SEWER GENERAL MANAGEMENT	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Construction Treatment	Regions:	0 - All Wards
Fund:	Sewer Construction	Location:	TBD
Project Manager:	Oakleaf, Catherine	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This project increases the total wastewater treatment capacity for flows and loads through the WTRF. Need for the project will depend on city development and system expansion.

Discussion of Progress:

Future project. Currently planned for 2034 - 2036.

Justification:

This project was identified in the 2018 Master Plan to increase the capacity of the WTRF. This project also includes asset renewal for equipment that is at the end of its lifespan.

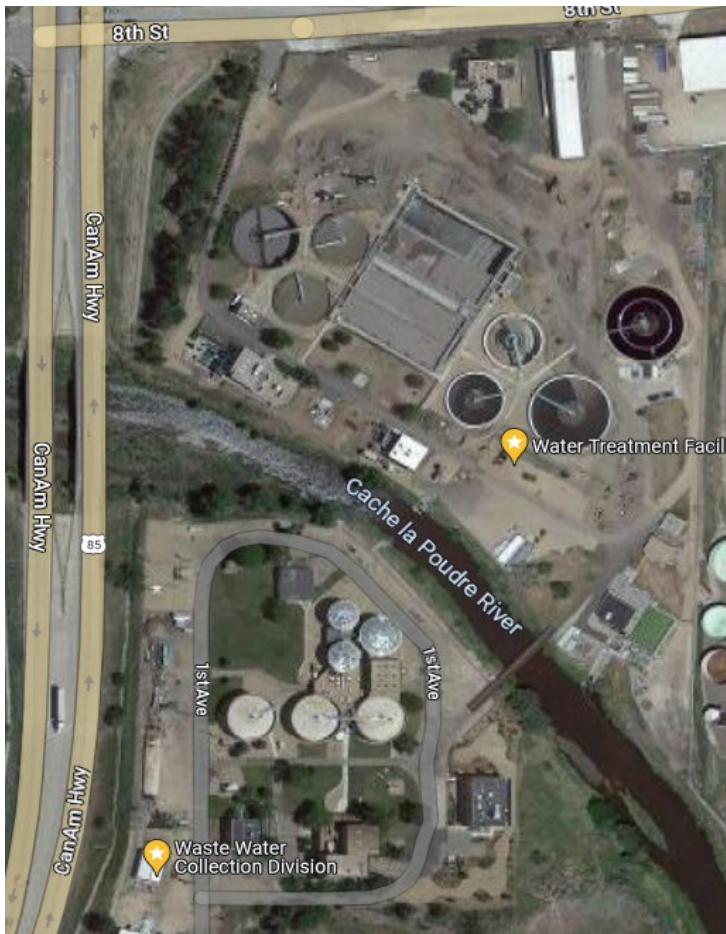
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	17,475,000	17,475,000
	Total Revenue	-	-	-	-	-	-	-	-	\$17,475,000	\$17,475,000
Expense											
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	-	75,000	75,000
8229	Professional Services	-	-	-	-	-	-	-	-	17,400,000	17,400,000
	Total Expense	-	-	-	-	-	-	-	-	\$17,475,000	\$17,475,000
	Net Total	-	-	-	-	-	-	-	-	-	-



WTRF Odor Control

Project Number:	412New5	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Quality of Life
Project Type:	Sewer Construction Treatment	Regions:	
Fund:	Sewer Construction	Location:	300 E 8th St
Project Manager:	Oakleaf, Catherine	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Installation of infrastructure to abate and mitigate odor issues at the Wastewater Treatment and Reclamation Facility.

Discussion of Progress:

Work in 2026 is to coincide with construction to the headworks of the plant which is where the major odor issue is concentrated, and which will be being rehabbed at the same time as part of the Primary Treatment Phase 2 project. Future work is planned for 2030 to design additional mitigation, and 2031 - 2033

Justification:

Addressing customer complaints regarding odor from the wastewater treatment plant.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	345,000	2,390,000	10,000	-	-	8,695,000	11,440,000
	Total Revenue	-	-	-	\$345,000	\$2,390,000	\$10,000	-	-	\$8,695,000	\$11,440,000
Expense											
8202	Construction	-	-	-	-	2,200,000	-	-	-	7,200,000	9,400,000
8226	Permits, Fees, Etc	-	-	-	40,000	-	-	-	-	-	40,000
8229	Professional Services	-	-	-	255,000	140,000	-	-	-	1,305,000	1,700,000
8232	Project Management - Labor	-	-	-	25,000	25,000	5,000	-	-	95,000	150,000
8234	Project Management - Burdened Labor	-	-	-	25,000	25,000	5,000	-	-	95,000	150,000
	Total Expense	-	-	-	\$345,000	\$2,390,000	\$10,000	-	-	\$8,695,000	\$11,440,000
	Net Total	-	-	-	-	-	-	-	-	-	-



Fund 413

Sewer Capital Replacement

Trenchless Main and Collector Rehabilitation

Project Number:	12653	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4134402830040000000000
Project Status:	Funded		

Description:

This annual program rehabilitates about 1% of the sewer system using cured-in-place pipe. The program focuses on the sewers in the worst condition as identified by the City's TV inspection and by maintenance records. The criteria which the priority for lining projects has been modified to evaluate the likelihood and consequences of a sewer main failing creating a risk rating.

Discussion of Progress:

This is an annual program to continue with lining of aged sewer collection pipes.

Justification:

Each year Sewer Collections identifies existing piping that has severe corrosion issues and rehabilitates that pipe using a cured in place lining process. If the pipe is not rehabilitated there is the possibility of collapse and sanitary sewer overflows on the streets. This process allows staff to rehabilitate older sewer lines without excavating the street and minimizing disruption to its customers. 2024 is planned to complete two linings removed from 2022 CIPP project Insituform already priced. 2026 is planned to address unlined trunk lines in 12th ST ahead of stormwater project west of 10th Ave. Annual budget raised to \$600k to focus on larger-diameter trunk lines because cost-effective to attempt to combine projects that require large bypass pumping.

Revenue Detail:

The department has applied for a subsidized State Revolving Fund loan to fund the project and speed up progress.

Impact on Operating Budget:

Lining sewer pipe has reduced expensive emergency pipe repairs and reduces the amount of groundwater entering the collection system being unnecessarily treated at the wastewater plant.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	983,524	-	587,708	420,000	620,000	620,000	620,000	620,000	3,100,000	7,571,232
	Total Revenue	\$983,524	-	\$587,708	\$420,000	\$620,000	\$620,000	\$620,000	\$620,000	\$3,100,000	\$7,571,232
Expense											
8202	Construction	880,625	-	550,000	400,000	600,000	600,000	600,000	600,000	3,000,000	7,230,625
8226	Permits, Fees, Etc	755	-	10,000	-	-	-	-	-	-	10,755
8229	Professional Services	37,920	-	7,708	-	-	-	-	-	-	45,628
8232	Project Management	60,075	-	-	-	-	-	-	-	-	60,075
8234	Project Management - Burdened Labor	-	-	-	10,000	10,000	10,000	10,000	10,000	50,000	100,000
	Total Expense	\$983,524	-	\$587,708	\$420,000	\$620,000	\$620,000	\$620,000	\$620,000	\$3,100,000	\$7,571,232
	Net Total	-	-	-	-	-	-	-	-	-	-



Highland Hills Sewer 47th Ave Capacity

Project Number:	12549	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	3- 10 St South/23 Ave West
Fund:	Sewer Capital Replacement	Location:	16th St and 47th Ave
Project Manager:	Goin, John	Budget Unit #:	4134402830130000000000
Project Status:	Funded		

Description:

The Sanitary Sewer Masterplan has identified the need to increase capacity in the existing 8" sewer line in 47th Avenue. Highland Hills 47th Ave Capacity Improvements will increase capacity for approximately 1 mile of some existing and some proposed sanitary sewer main, and divert some flows away from 47th Avenue, to address existing and future flows from the T-bone Lift Station and Highland Hills Area. The existing 8-inch sewer line in 47th Avenue was not sized to convey full build out flows associated with the upstream basin including the T Bone Lift Station. Growth that has occurred in T-bone Subdivision has increased the total flow going to the lift station, requiring the pumps to be upsized and necessitating the downstream improvements.

Discussion of Progress:

Currently in design phase (about 50% design) with SUE and easement and temporary construction acquisition ongoing. Coordination with all stakeholders ongoing. Scheduled to begin construction in 2025.

Justification:

Flows from the T Bone lift station were routed to this sewer main line which wasn't designed to carry these additional flows. The sanitary sewer master plan identified an existing capacity issue and the City has been monitoring the capacity. Growth that has occurred in T Bone Subdivision has increased the total flow going to the lift station, requiring the pumps to be upsized. This project will address downstream capacity concerns during dry and wet weather conditions. This project will also avoid sewer line replacement in 47th Avenue, and re-route to the west, to avoid the impacts of construction in an arterial street.

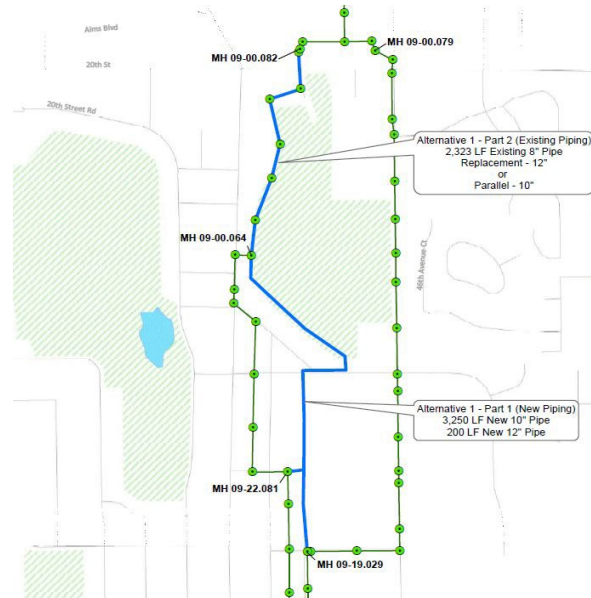
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	35,404	-	207,330	3,050,000	-	-	-	-	3,292,734
	Total Revenue	\$35,404	-	\$207,330	\$3,050,000	-	-	-	-	\$3,292,734
Expense										
8202	Construction	-	-	-	2,400,000	-	-	-	-	2,400,000
8204	Contingency	-	-	30,000	300,000	-	-	-	-	330,000
8226	Permits, Fees, Etc	-	-	10,000	100,000	-	-	-	-	110,000
8229	Professional Services	21,993	-	137,304	200,000	-	-	-	-	359,297
8232	Project Management	3,326	-	-	-	-	-	-	-	3,326
8234	Project Management - Burdened Labor	-	-	-	25,000	-	-	-	-	25,000
	Total Expense	\$35,404	-	\$207,330	\$3,050,000	-	-	-	-	\$3,292,734
	Net Total	-	-	-	-	-	-	-	-	-



Sewer Collection System Rehabilitation

Project Number:	12631	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4134402830010000000000
Project Status:	Funded		

Description:

This is an ongoing program to physically replace undersized lines in the sewer collection system, rehabilitate corroded manholes and eliminate cross connections with the stormwater system. The City will disconnect area and roof drains from the sewer system on an annual basis, prioritizing the largest contributing cross connections. This budget has been consolidated with WWC Sewer Rehab and Manhole Rehabilitation which includes rehabilitation of various manholes with severe corrosion issues using cementitious materials (2024). Also, a new 4" main was identified in 18th Street west of 13th Avenue. There are 3 properties that appear to have compound sewer services that will be addressed with sewer stubs for future connection. The work is planned for 2027 because overlay was done on this block in 2021.

Discussion of Progress:

This is an annual program.

Justification:

This program was identified as a high priority in the 2008 Sanitary Sewer Master Plan (SSMP). The master plan identified lines six inches or smaller that could not be properly maintained and identified compound taps for elimination. Smoke testing in the early 2000's identified cross connections with the stormwater system, so disconnecting will decrease I/I into sanitary system. Completion of these projects will improve services to underserved customers and clarify ownership and maintenance responsibilities of customer service lines. Not addressing maintenance needs increases the likelihood of failures of mains, manholes or lift stations, which could lead to costly cleanup or legal action by affected parties.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	38,973	-	749,217	476,000	495,000	556,000	325,000	325,000	1,625,000	4,590,190
Total Revenue		\$38,973	-	\$749,217	\$476,000	\$495,000	\$556,000	\$325,000	\$325,000	\$1,625,000	\$4,590,190
Expense											
8202	Construction	28,401	-	519,217	270,000	285,000	245,000	145,000	145,000	725,000	2,362,618
8204	Contingency	-	-	-	-	-	25,000	-	-	-	25,000
8224	Operating Supplies	1,237	-	110,000	110,000	110,000	190,000	110,000	110,000	550,000	1,291,237
8226	Permits, Fees, Etc	-	-	5,000	5,000	-	-	-	-	-	10,000
8229	Professional Services	866	-	35,000	15,000	30,000	30,000	10,000	10,000	50,000	180,866
8232	Project Management	8,266	-	-	-	-	-	-	-	-	8,266
8234	Project Management - Burdened Labor	-	-	-	8,000	10,000	8,000	5,000	5,000	25,000	61,000
8242	Utility Services	-	-	10,000	10,000	-	-	-	-	-	20,000
8244	Capital Equipment >\$5,000	-	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	550,000
Total Expense		\$38,973	-	\$749,217	\$476,000	\$495,000	\$556,000	\$325,000	\$325,000	\$1,625,000	\$4,590,190
Net Total		-	-	-	-	-	-	-	-	-	-



Wastewater Flow Monitoring Program

Project Number:	12671	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4134402830100000000000
Project Status:	Funded		

Description:

Staff will install additional flow meters in future years in various locations in the collection system and lift stations. The monitoring of these flows will help determine the locations of concentrated maintenance efforts and provide valuable flow data to better understand the sanitary sewer system, sources of inflow and infiltration, and irregular flow patterns. Professional services have been included to maintain the permanent flow meters and provide start-up training when installed.

Discussion of Progress:

This is an ongoing annual program.

Justification:

If additional flow monitoring is not obtained it could be difficult to provide more detailed analysis of the downstream capacity concerns within the downstream system identified in the Sanitary Sewer Masterplan.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024		2026	2027	2028	2029	Future	Grand Total
				Revised Budget	2025						
Revenue											
	Fund Balance	2,160	-	85,000	90,000	90,000	90,000	90,000	90,000	450,000	987,160
Total Revenue		\$2,160	-	\$85,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000	\$987,160
Expense											
8224	Operating Supplies	-	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	110,000
8229	Professional Services	2,160	-	30,000	30,000	30,000	30,000	30,000	30,000	150,000	332,160
8232	Project Management - Labor	-	-	5,000	5,000	5,000	5,000	5,000	5,000	25,000	55,000
8234	Project Management - Burdened Labor	-	-	-	5,000	5,000	5,000	5,000	5,000	25,000	50,000
8242	Utility Services	-	-	15,000	15,000	15,000	15,000	15,000	15,000	75,000	165,000
8244	Capital Equipment >\$5,000	-	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	275,000
Total Expense		\$2,160	-	\$85,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000	\$987,160
Net Total		-	-	-	-	-	-	-	-	-	-



8th Ave Sanitary/Storm MH Conflict

Project Number:	12722	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	Alley, 100 Block 8th Avenue
Project Manager:	Goin, John	Budget Unit #:	4134402820000000000000
Project Status:	Funded		

Description:

Replacement or abandonment of two 6" VCP clay pipes that are over 70 years old that flow through an existing storm manhole in 8th Avenue. The project assumes surveying and a conceptual design to collect basis of design and existing utility information. Water and Sewer Dept. will coordinate with Stormwater to abandon existing sewer connection in 8th Ave. Final design will assume flows would be diverted to the west, requiring easement acquisition and new pipe required to divert flows to 9th Ave. It is anticipated that an additional permanent flow monitor is going to be placed in this basin and that an additional 2 years of data will be collected for this basin.

Discussion of Progress:

Scheduled to begin monitoring/design in 2024 with construction in 2026.

Justification:

The two sanitary mains through the existing storm manhole could introduce additional storm flows into the sewer collection system. In the event of encasement or pipe failure, wastewater could discharge to the river. In April 2023 Stormwater traced back contamination from this MH and repair patching was performed. The existing sewer mains reduce the hydraulic capacity of the storm sewer, which would increase the chances of storm flows surcharging out of the MH. There is limited space to replace the existing sanitary sewer infrastructure in the alley, with overhead electric and existing storm sewer. Additionally the building has zero setback from the alley ROW at 8th Ave. The project could require improvements in 8th Avenue, which is CDOT ROW and additional easements to address the conflicts and potentially divert flows to 9th Ave.

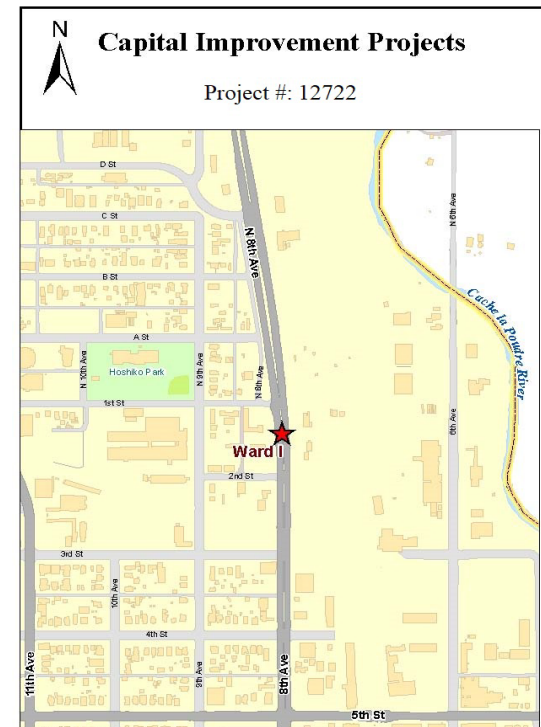
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	205,967	140,000	470,000	-	-	-	815,967
	Total Revenue	-	-	\$205,967	\$140,000	\$470,000	-	-	-	\$815,967
Expense										
8202	Construction	-	-	-	-	400,000	-	-	-	400,000
8204	Contingency	-	-	21,000	15,000	40,000	-	-	-	76,000
8212	Land/Building Cost/Demolition	-	-	35,000	35,000	-	-	-	-	70,000
8229	Professional Services	-	-	125,000	75,000	20,000	-	-	-	220,000
8232	Project Management - Labor	-	-	19,967	5,000	5,000	-	-	-	29,967
8234	Project Management - Burdened Labor	-	-	-	5,000	5,000	-	-	-	10,000
8235	Real Estate - Internal Chgs Only	-	-	5,000	5,000	-	-	-	-	10,000
	Total Expense	-	-	\$205,967	\$140,000	\$470,000	-	-	-	\$815,967
	Net Total	-	-	-	-	-	-	-	-	-



Highland Hills Sewer Bittersweet Park

Project Number:	12929	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	3- 10 St South/23 Ave West
Fund:	Sewer Capital Replacement	Location:	35th Avenue and 16th Street through Bittersweet Park
Project Manager:	Goin, John	Budget Unit #:	4134402830140000000000
Project Status:	Funded		

Description:

The Sanitary Sewer Masterplan identified a need to upsize approximately 2,300 feet of sanitary sewer main across 16th Street through Bittersweet Park. The portion of pipe to be upsized through Bittersweet Park is approximately 55 years old and is undersized (10") compared to the upstream and downstream systems, which are sufficiently sized to convey full build out flows in the basin. The existing sanitary sewer main crosses 16th Street west of 35th Avenue and 35th Avenue at the intersection of 13th Street.

Discussion of Progress:

Scheduled to begin design in 2024 and construction in 2026.

Justification:

During wet weather flows the existing 10" pipe surcharges, so upsizing it to 15" is required to convey flows introduced from upstream collector mains that are sufficiently sized for full build out conditions.

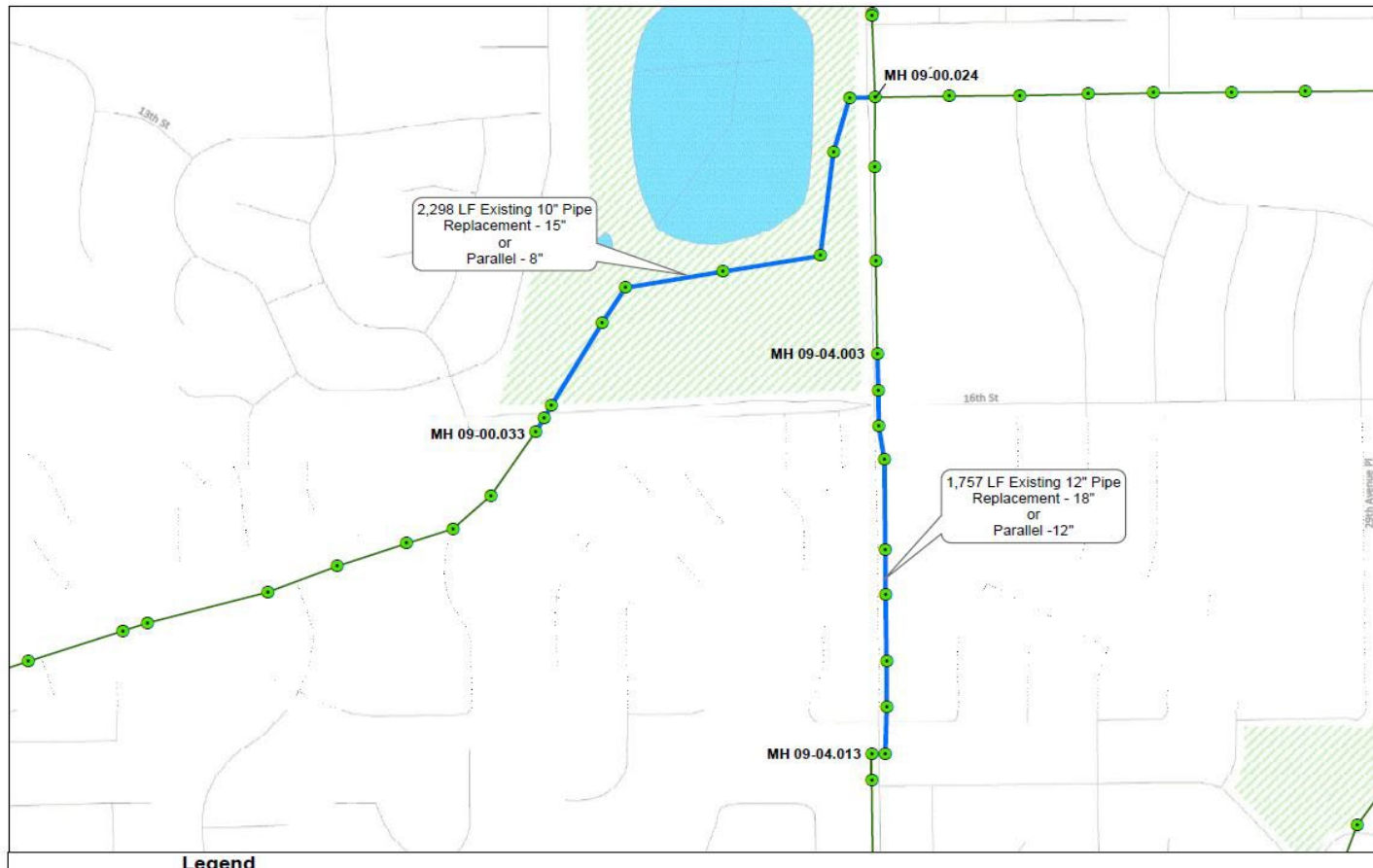
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	265,000	-	1,380,000	-	-	-	1,645,000
	Total Revenue	-	-	\$265,000	-	\$1,380,000	-	-	-	\$1,645,000
Expense										
8202	Construction	-	-	-	-	1,000,000	-	-	-	1,000,000
8204	Contingency	-	-	20,000	-	300,000	-	-	-	320,000
8226	Permits, Fees, Etc	-	-	30,000	-	-	-	-	-	30,000
8229	Professional Services	-	-	200,000	-	60,000	-	-	-	260,000
8232	Project Management - Labor	-	-	15,000	-	10,000	-	-	-	25,000
8234	Project Management - Burdened Labor	-	-	-	-	10,000	-	-	-	10,000
	Total Expense	-	-	\$265,000	-	\$1,380,000	-	-	-	\$1,645,000
	Net Total	-	-	-	-	-	-	-	-	-



Highland Hills Sewer 35th Ave Capacity

Project Number:	12930	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	3- 10 St South/23 Ave West , 1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	35th Avenue 16th Street to 19th Street
Project Manager:	Goin, John	Budget Unit #:	4134402830150000000000
Project Status:	Funded		

Description:

The Sanitary Sewer Masterplan has identified a need to upsize approximately 1,800 feet of sanitary sewer main in 35th Avenue from 16th Street to 19th Street. While Lift Station 13 (22nd St and 35th Avenue) was upsized in 2011 due to growth in the upstream basin, the downstream system was undersized to handle the rated capacity of the lift station. The proposed improvements will convey the rated capacity of the lift station. The design phase of this project will likely be combined with the Highland Hills Bittersweet project however construction will likely be phased. The existing sanitary sewer main crosses 35th Ave just south of 18th Street and crosses 16th Street in the middle of the northbound lanes of 35th Avenue. The replacement of this sewer line will have major impacts on traffic in 35th Avenue and 16th Street. Trenchless alternatives will need to be considered to minimize traffic impacts. It would be anticipated that there are significant dry utilities along 35th Avenue and at the intersection of 16th Street as well. The project is in close proximity to Bittersweet Park and will require coordination with CPRD.

Discussion of Progress:

Scheduled to begin design in 2024 and construction in 2025.

Justification:

Lift Station 13 was upsized for buildout conditions but downstream collector mains were not, so in order to convey wet weather flows from LS 13, 35th Avenue sewer mains require corresponding upsizing.

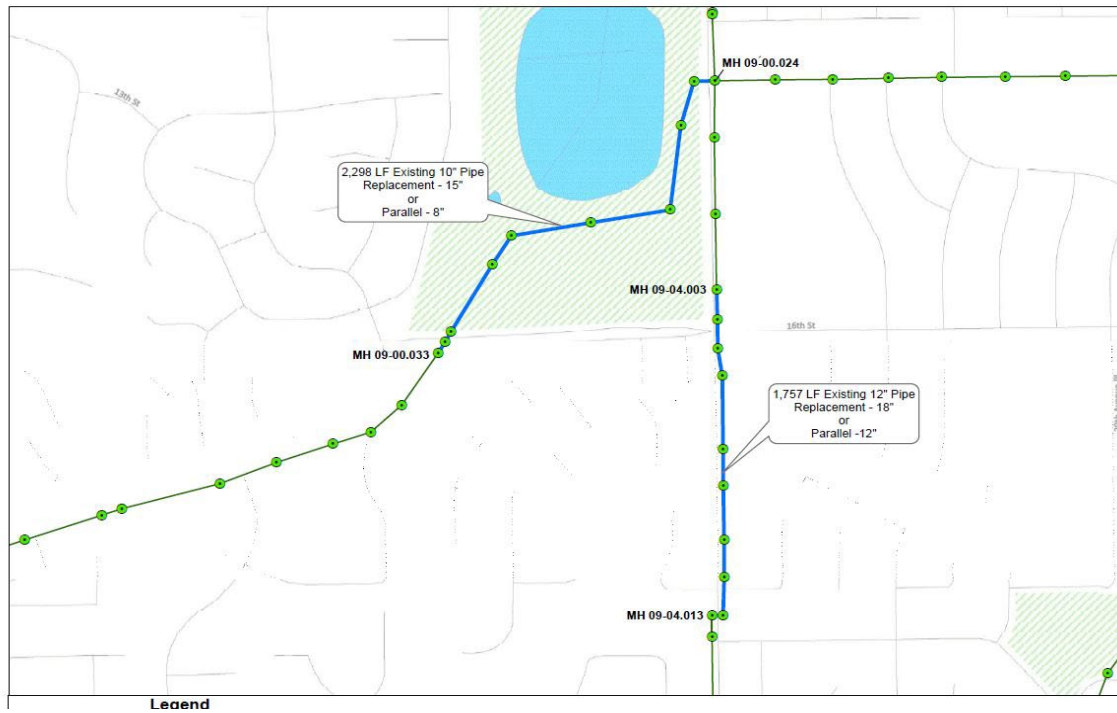
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	255,000	1,590,000	-	-	-	-	1,845,000
	Total Revenue	-	-	\$255,000	\$1,590,000	-	-	-	-	\$1,845,000
Expense										
8202	Construction	-	-	-	1,200,000	-	-	-	-	1,200,000
8204	Contingency	-	-	20,000	300,000	-	-	-	-	320,000
8226	Permits, Fees, Etc	-	-	20,000	-	-	-	-	-	20,000
8229	Professional Services	-	-	200,000	60,000	-	-	-	-	260,000
8232	Project Management - Labor	-	-	15,000	15,000	-	-	-	-	30,000
8234	Project Management - Burdened Labor	-	-	-	15,000	-	-	-	-	15,000
	Total Expense	-	-	\$255,000	\$1,590,000	-	-	-	-	\$1,845,000
	Net Total	-	-	-	-	-	-	-	-	-



Central 16th Sewer Replacement

Project Number:	N742	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	16th Street and 16th Ave to 13th Street and 16th Ave
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

The Sanitary Sewer Masterplan has identified minor growth in this basin and that additional capacity will be required to convey wastewater flows in an existing 8" pipe, which is at or near capacity. The project will provide additional capacity by upsizing approximately 1,800 feet of 8" sewer main to 10" from 13th Street to 16th Street in 16th Ave.

Discussion of Progress:

Postponed by one year for financial reasons. Scheduled to begin design in 2027 and construction in 2029.

Justification:

Identified in sewer collection master plan as deficient during WWF.

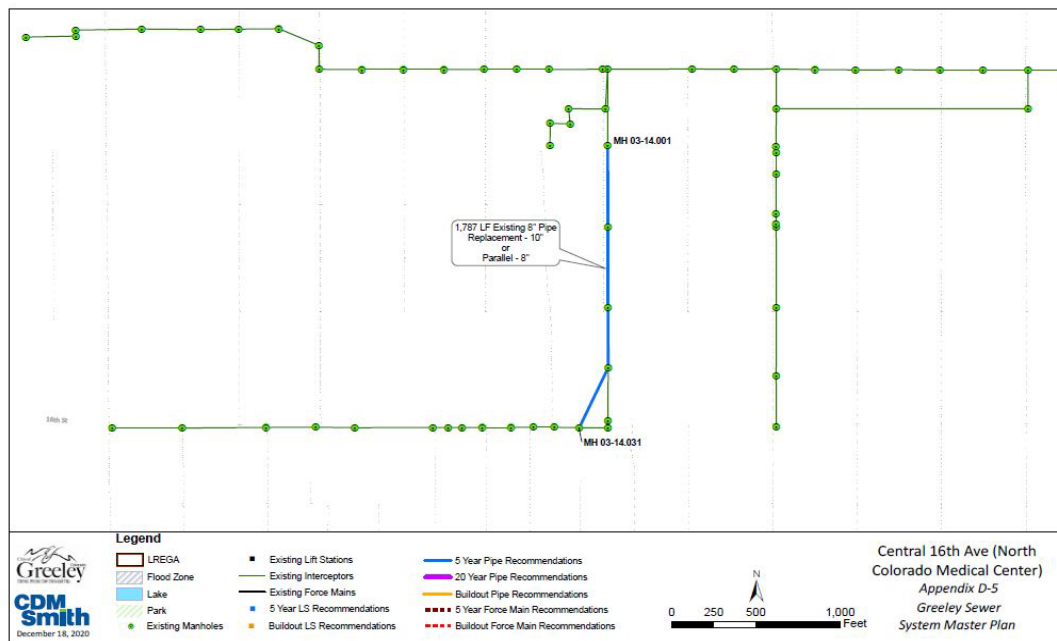
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	255,000	-	1,270,000	1,525,000
	Total Revenue	-	-	-	-	-	\$255,000	-	\$1,270,000	\$1,525,000
Expense										
8202	Construction	-	-	-	-	-	-	-	1,000,000	1,000,000
8204	Contingency	-	-	-	-	-	20,000	-	200,000	220,000
8212	Land/Building Cost/Demolition	-	-	-	-	-	10,000	-	-	10,000
8229	Professional Services	-	-	-	-	-	200,000	-	50,000	250,000
8232	Project Management - Labor	-	-	-	-	-	10,000	-	10,000	20,000
8234	Project Management - Burdened Labor	-	-	-	-	-	10,000	-	10,000	20,000
8235	Real Estate - Internal Chgs Only	-	-	-	-	-	5,000	-	-	5,000
	Total Expense	-	-	-	-	-	\$255,000	-	\$1,270,000	\$1,525,000
	Net Total	-	-	-	-	-	-	-	-	-



North Poudre RR Sewer Ph 1

Project Number:	N770	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	4 - 10 St North/23 Ave West
Fund:	Sewer Capital Replacement	Location:	East of 35th Ave between F and C streets
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Deficiency and development-driven project identified in the 2021 Sanitary Sewer Master Plan. Replace or parallel approximately 3,600 LF of existing 36" Poudre trunk line east of 35th Ave.

Discussion of Progress:

Scheduled to begin design in 2029 with construction in 2030.

Justification:

The 36" Poudre Trunk Line, east of 35th Avenue, between F and C Streets, has existing capacity limitations. It is undersized to accommodate projected growth upstream in both Poudre and Sheep Draw Basins. The Sanitary Sewer Master Plan provided two options to increase capacity (1) replace and upsize to a 54" or (2) install a 42" pipe parallel to the existing trunk line. This section is CIPP-lined, and more recent survey information may better identify sections of the Poudre Trunk Line that may need replacement.

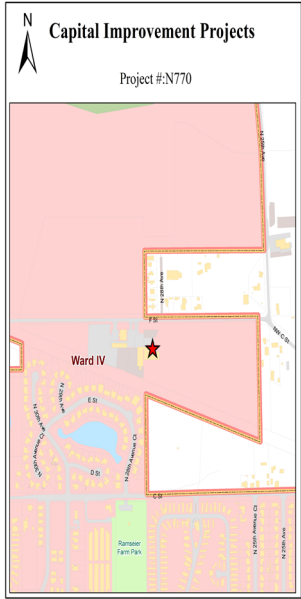
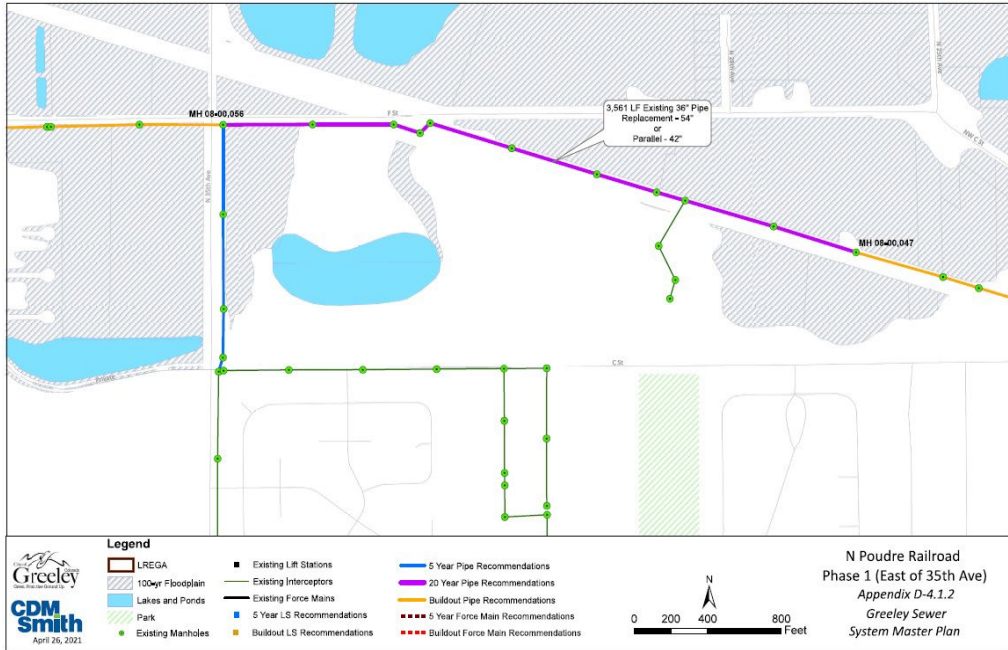
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3		2024		2025	2026	2027	2028	2029	Future	Grand Total
		Years	2023 Actual	Revised Budget								
Revenue												
	Fund Balance	-	-	-		-	-	-	-	1,000,000	7,370,000	8,370,000
Total Revenue		-	-	-		-	-	-	-	\$1,000,000	\$7,370,000	\$8,370,000
Expense												
8202	Construction	-	-	-		-	-	-	-	-	5,500,000	5,500,000
8204	Contingency	-	-	-		-	-	-	-	50,000	1,300,000	1,350,000
8212	Land/Building Cost/Demolition	-	-	-		-	-	-	-	100,000	-	100,000
8226	Permits, Fees, Etc	-	-	-		-	-	-	-	30,000	-	30,000
8229	Professional Services	-	-	-		-	-	-	-	800,000	500,000	1,300,000
8232	Project Management - Labor	-	-	-		-	-	-	-	10,000	35,000	45,000
8234	Project Management - Burdened Labor	-	-	-		-	-	-	-	10,000	35,000	45,000
Total Expense		-	-	-		-	-	-	-	\$1,000,000	\$7,370,000	\$8,370,000
Net Total		-	-	-		-	-	-	-	-	-	-



Stampede Arena Sewer Improvement

Project Number:	413New9	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	
Fund:	Sewer Capital Replacement	Location:	Island Grove Stampede Arena - 600 North 14th Ave
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Recently, there have been some office building and fence improvements done on the northwest side of the Greeley Stampede Arena, which encroached into W&S's existing sewer easement and have caused damage to the shallow sewer mains that serve the arena, as well as areas to the west. The aim of this project is to realign the sewer a different direction to avoid this constricted area and potential for further damage to the sewer mains. The construction associated with this sewer realignment consists of about 1,000' of new 8" sewer main running along the west and south sides of the arena, instead of the north side, where it is currently located. The new sewer alignment will connect to the existing main in 11th Avenue.

Discussion of Progress:

Design phase in 2026, followed by construction initiation in 2027.

Justification:

The project will address the sewer main that currently exists in a very congested area between the arena and office building by re-routing it around the arena to the south and then east to better access the line for maintenance.

Revenue Detail:

No additional information

Impact on Operating Budget:

Project will decrease maintenance and improve access to existing lines installed near the arena and office building for Operations.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	70,000	555,000	-	-	625,000
	Total Revenue	-	-	-	-	\$70,000	\$555,000	-	-	\$625,000
Expense										
8202	Construction	-	-	-	-	-	450,000	-	-	450,000
8204	Contingency	-	-	-	-	-	50,000	-	-	50,000
8212	Land/Building Cost/Demolition	-	-	-	-	-	25,000	-	-	25,000
8226	Permits, Fees, Etc	-	-	-	-	10,000	-	-	-	10,000
8229	Professional Services	-	-	-	-	50,000	20,000	-	-	70,000
8232	Project Management - Labor	-	-	-	-	5,000	5,000	-	-	10,000
8234	Project Management - Burdened Labor	-	-	-	-	5,000	5,000	-	-	10,000
	Total Expense	-	-	-	-	\$70,000	\$555,000	-	-	\$625,000
	Net Total	-	-	-	-	-	-	-	-	-



Garden City Sewer Capacity Improvement

Project Number:	413New8	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	
Fund:	Sewer Capital Replacement	Location:	Garden City
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

With the replacement and expansion of Lift Station 15 underway, downstream modeling was conducted to assess the effects of increased flows on the collection lines leading to the WTRF. During this modeling period, some capacity issues were discovered in Garden City, where many of the existing sewer mains are 8-10" VCP and installed at very flat slopes. This project will address these capacity deficiencies by upsizing or steepening many of these critical lines to accommodate additional and future flows in this basin.

Discussion of Progress:

The design phase will commence in 2026, followed by construction in 2027.

Justification:

Some capacity issues were discovered in Garden City, where existing sewer lines would be flowing full or surcharging with expected flows from growth in upstream basins. The project will address capacity concerns so sewer mains are not overtopping or backing up into domestic service lines.

Revenue Detail:

No additional information

Impact on Operating Budget:

Project will decrease maintenance of old, flat undersized VCP lines in Garden City for Operations.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	210,000	1,170,000	-	-	1,380,000
	Total Revenue	-	-	-	-	\$210,000	\$1,170,000	-	-	\$1,380,000
Expense										
8202	Construction	-	-	-	-	-	1,000,000	-	-	1,000,000
8204	Contingency	-	-	-	-	-	100,000	-	-	100,000
8226	Permits, Fees, Etc	-	-	-	-	50,000	-	-	-	50,000
8229	Professional Services	-	-	-	-	150,000	50,000	-	-	200,000
8232	Project Management - Labor	-	-	-	-	5,000	10,000	-	-	15,000
8234	Project Management - Burdened Labor	-	-	-	-	5,000	10,000	-	-	15,000
	Total Expense	-	-	-	-	\$210,000	\$1,170,000	-	-	\$1,380,000
	Net Total	-	-	-	-	-	-	-	-	-



Collections Replacement for Strategic Growth

Project Number:	413New11	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

This project plans out funds to replace sewer collections lines to support economic development and strategic growth across Greeley.

Discussion of Progress:

Based on direction from City Council.

Justification:

This project plans out funds to replace sewer collection lines to support economic development and strategic growth across Greeley.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	520,000	-	4,060,000	4,580,000
	Total Revenue	-	-	-	-	-	-	\$520,000	-	\$4,060,000	\$4,580,000
Expense											
8202	Construction	-	-	-	-	-	-	-	-	3,500,000	3,500,000
8229	Professional Services	-	-	-	-	-	-	500,000	-	500,000	1,000,000
8232	Project Management - Labor	-	-	-	-	-	-	10,000	-	30,000	40,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	10,000	-	30,000	40,000
	Total Expense	-	-	-	-	-	-	\$520,000	-	\$4,060,000	\$4,580,000
	Net Total	-	-	-	-	-	-	-	-	-	-



General Rehabilitation Projects

Project Number:	12545	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	4134402830070000000000
Project Status:	Funded		

Description:

Includes a variety of projects that includes such work as the replacement, rehabilitation, or overhaul of large pumps, valves, actuators, motors, centrifuge units, gear boxes, air handling units, heat exchangers, barscreens, variable frequency drive units, turbo blowers, plant road and building repairs, landscaping rehab for stormwater program, roll-up doors, uninterrupted power supply units (UPS), equipment sensors, UV disinfection components, building roofs, chemical tanks, etc.

Discussion of Progress:

This comprises of general rehabilitations projects, including repair and replacement, required at the WTRF. Projects that have been completed this year include both planned projects and emergency rehabilitation projects. Projects in progress include LSG Vault rehab, various UV maintenance and upgrades, influent wet well cleanout, high-voltage breaker repair, WAS total solids analyzer installation, digester transfer macerator, centrifuge feed pumps, and routine on-going rehabilitation work.

Justification:

Manufacturer's recommendations, equipment performance, downtime, and repair history; equipment life expectancies; inability to find replacement parts, etc. all enter into the decision as to whether or not a particular item needs to be replaced, repaired, or refurbished. Rehab funds are budgeted annually so that the plant maintenance staff can stay abreast of the need to address aging equipment and infrastructure at the WTRF. Not replacing aging or energy-consuming equipment in a timely manner may result in higher O&M costs, excessive downtime for repairs, and treatment process disruptions. These could result in potential permit non-compliances.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024	2025	2026	2027	2028	2029	Future	Grand Total
				Revised Budget							
Revenue											
	Fund Balance	2,316,398	-	889,915	665,000	643,000	786,000	421,000	421,000	1,605,000	7,747,313
51**	Sewer Rates	6,887	-	-	-	-	-	-	-	-	6,887
Total Revenue		\$2,323,285	-	\$889,915	\$665,000	\$643,000	\$786,000	\$421,000	\$421,000	\$1,605,000	\$7,754,200
Expense											
8202	Construction	764,402	-	138,681	225,000	165,000	390,000	120,000	120,000	100,000	2,023,083
8208	Furniture, Fixtures & Equipment	116,815	-	80,000	50,000	70,000	70,000	50,000	50,000	250,000	736,815
8216	Miscellaneous	60,550	-	-	-	-	-	-	-	-	60,550
8224	Operating Supplies	124,238	-	267,601	40,000	86,000	166,000	91,000	91,000	455,000	1,320,839
8229	Professional Services	154,713	-	171,000	70,000	26,000	20,000	50,000	50,000	250,000	791,713
8232	Project Management	420,181	-	-	-	-	-	-	-	-	420,181
8234	Project Management - Burdened Labor	-	-	-	20,000	20,000	20,000	20,000	20,000	100,000	200,000
8244	Capital Equipment >\$5,000	637,889	-	197,633	240,000	256,000	100,000	70,000	70,000	350,000	1,921,522
Total Expense		\$2,323,285	-	\$889,915	\$665,000	\$643,000	\$786,000	\$421,000	\$421,000	\$1,605,000	\$7,754,200
Net Total		-	-	-	-	-	-	-	-	-	-

WTRF Blower Replacement Phase 2

Project Number:	N599	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Replacing remaining K-turbo blowers that are now obsolete and starting to fail.

Discussion of Progress:

Design planned for 2028 with construction starting in 2029.

Justification:

The K-turbo blowers were installed in 2010 however they were recommended for replacement in 2017 as the equipment became obsolete and the equipment began to fail with no source of replacement parts. Currently, there is only one person in the United States who is able to assist with maintaining and servicing them and if any repairs need to be done, the parts must be shipped to South Korea. The initial project recommended replacing all of the blowers, however, due to budget constraints, only the first half were replaced. This project will replace the remaining blowers, providing redundancy and resiliency for the aeration system, ensuring that the WTRF can meet the CDPHE discharge permit.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	900,000	6,715,000	70,000	7,685,000
	Total Revenue	-	-	-	-	-	-	\$900,000	\$6,715,000	\$70,000	\$7,685,000
Expense											
8202	Construction	-	-	-	-	-	-	-	6,615,000	-	6,615,000
8229	Professional Services	-	-	-	-	-	-	800,000	-	-	800,000
8232	Project Management - Labor	-	-	-	-	-	-	50,000	50,000	35,000	135,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	50,000	50,000	35,000	135,000
	Total Expense	-	-	-	-	-	-	\$900,000	\$6,715,000	\$70,000	\$7,685,000
	Net Total	-	-	-	-	-	-	-	-	-	-



Instrumentation and Controls - Wastewater

Project Number:	12557	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Finch, Mathew	Budget Unit #:	4134402890050000000000
Project Status:	Funded		

Description:

This program replaces and refurbishes instruments and control systems known as SCADA (Supervisory Control and Data Acquisition). These devices are used to operate collections and the WPCF, including recording data required by regulation, and measurement and control of various treatment equipment. This is an on-going project.

Discussion of Progress:

Annual program

Justification:

Instrumentation and controls wear out or become obsolete over time, requiring replacement or major refurbishment. Refurbishment typically occurs at the facilities of the local supplier or manufacturer. City instrumentation technicians perform the replacement projects. This account includes instruments at all wastewater collection and treatment facilities.

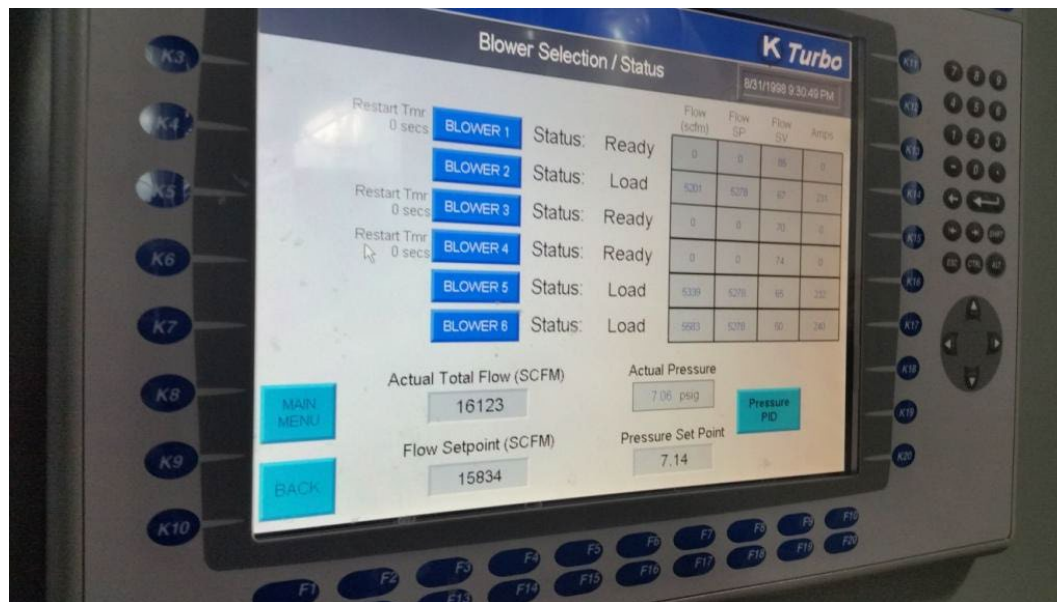
Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	13,759,568	-	217,800	237,800	237,800	237,800	237,800	237,800	951,200	16,117,568
	Total Revenue	\$13,759,568	-	\$217,800	\$237,800	\$237,800	\$237,800	\$237,800	\$237,800	\$951,200	\$16,117,568
Expense											
8202	Construction	12,354,816	-	30,000	30,000	30,000	30,000	30,000	30,000	120,000	12,654,816
8204	Contingency	-	-	19,800	19,800	19,800	19,800	19,800	19,800	79,200	198,000
8208	Furniture, Fixtures & Equipment	4,833	-	73,000	73,000	73,000	73,000	73,000	73,000	292,000	734,833
8216	Miscellaneous	-	-	5,000	5,000	5,000	5,000	5,000	5,000	20,000	50,000
8224	Operating Supplies	29,596	-	-	20,000	20,000	20,000	20,000	20,000	80,000	209,596
8229	Professional Services	1,213,937	-	50,000	50,000	50,000	50,000	50,000	50,000	200,000	1,713,937
8232	Project Management	45,304	-	-	-	-	-	-	-	-	45,304
8244	Capital Equipment >\$5,000	-	-	40,000	40,000	40,000	40,000	40,000	40,000	160,000	400,000
	Total Expense	\$13,759,568	-	\$217,800	\$237,800	\$237,800	\$237,800	\$237,800	\$237,800	\$951,200	\$16,117,568
	Net Total	-	-	-	-	-	-	-	-	-	-



WTRF Regulatory Support

Project Number:	12669	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	300 E 8th St
Project Manager:	Oakleaf, Catherine	Budget Unit #:	4134402830220000000000
Project Status:	Funded		

Description:

This project is to provide regulatory support at the WTRF. This project initially started as a response CDPHE and potentially need to comply with stream temperature standards. The project is a continuation of that work and has expanded to serve as additional regulatory support needs for the WTRF.

Discussion of Progress:

This is an annual project and on-going based on year to year needs

Justification:

This is needed to get expert assistance from consultants to ensure compliance with permit, CIP project implementation, and City response to upcoming legislation. Examples of regulatory support that may be needed at the WTRF are stream temperature, PFAS, chemical approvals, NPDES permitting, air permitting, stormwater management, responding to new regulations, and stream temperature classification.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	142,340	-	58,560	55,000	57,000	59,000	61,000	63,000	315,000	810,900
	Total Revenue	\$142,340	-	\$58,560	\$55,000	\$57,000	\$59,000	\$61,000	\$63,000	\$315,000	\$810,900
Expense											
8229	Professional Services	125,877	-	53,560	50,000	52,000	54,000	56,000	58,000	290,000	739,437
8232	Project Management	16,463	-	-	-	-	-	-	-	-	16,463
8234	Project Management - Burdened Labor	-	-	-	2,500	2,500	2,500	2,500	2,500	12,500	25,000
	Total Expense	\$142,340	-	\$58,560	\$55,000	\$57,000	\$59,000	\$61,000	\$63,000	\$315,000	\$810,900
	Net Total	-	-	-	-	-	-	-	-	-	-



WTRF Primary Treatment Phase 2

Project Number:	12667	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	4134402830110000000000
Project Status:	Funded		

Description:

This project includes upgrades identified in the 2018 Master Plan. The project will entail upgrading the headworks and primary treatment processes. It will also include the addition of a new blo to provide redundancy to the existing failing equipment. A new phosphorus side stream treatment process is being added to meet nutrient limits. The project also includes upgrades to the existing centrate side stream treatment process.

Discussion of Progress:

Construction scheduled to begin in summer 2024.

Justification:

Phase II Primary Treatment improvements were identified in the 2018 WPCF Masterplan. Much of the improvements with Phase II were identified in the condition assessment. Many of the items including influent pumps and primary clarifier improvements have already been identified in CIP but were consolidated into one project.

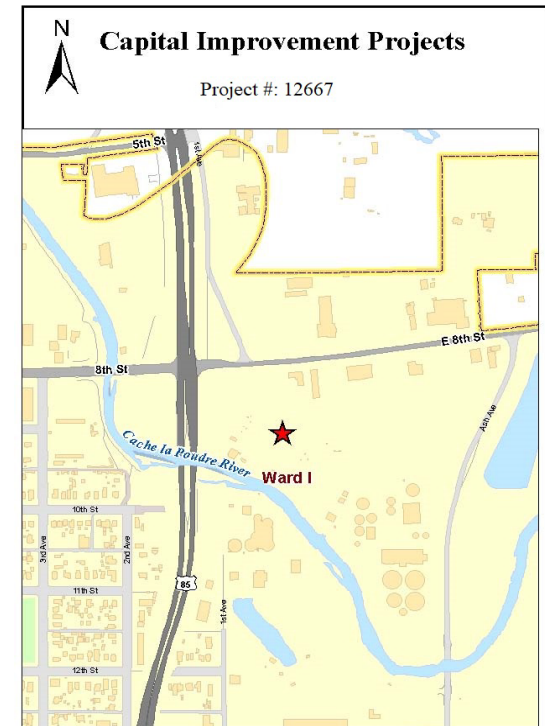
Revenue Detail:

No additional information

Impact on Operating Budget:

Increase in trash hauling costs but decrease in operator staff time.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	1,557,540	-	44,515,868	400,000	300,000	300,000	-	-	47,073,408
	Total Revenue	\$1,557,540	-	\$44,515,868	\$400,000	\$300,000	\$300,000	-	-	\$47,073,408
Expense										
8202	Construction	-	-	40,600,650	-	-	-	-	-	40,600,650
8216	Miscellaneous	-	-	1,000	-	-	-	-	-	1,000
8224	Operating Supplies	49,046	-	-	-	-	-	-	-	49,046
8229	Professional Services	1,336,055	-	3,394,859	-	-	-	-	-	4,730,914
8232	Project Management	84,379	-	-	-	-	-	-	-	84,379
8234	Project Management - Burdened Labor	-	-	-	200,000	150,000	150,000	-	-	500,000
8244	Capital Equipment >\$5,000	6,351	-	-	-	-	-	-	-	6,351
	Total Expense	\$1,557,540	-	\$44,515,868	\$400,000	\$300,000	\$300,000	-	-	\$47,073,408
	Net Total	-	-	-	-	-	-	-	-	-



WTRF Master Plan Updates

Project Number:	12799	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Studies	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	4134402830170000000000
Project Status:	Funded		

Description:

Future master planning updates will provide decision points with respect to uncertainties and issues that are currently not fully defined. The proposed CIP recommends regular Master Plan updates with two coordinated planning efforts of liquids and solids treatment needs over the coming 10 years. The first Master Plan update, scheduled in 2026, needs to focus on a detailed update of growth, floodplain requirements, and long-term siting of improvements. This update will address uncertainties and position the City well in advance of the Phase 3 improvements.

Discussion of Progress:

The solids master plan is anticipated to be awarded in 2024 with the liquid stream master plan anticipated being awarded through the same RFP as an optional addendum to the solids stream master plan.

Justification:

This master plan is needed to address uncertainty as it relates to flow and load projections as the City is growing, future regulatory permit requirements, future floodplain regulations within the area that are currently not well defined, and to develop how the plant will expand in the future. As the City is growing that plant will need to expand as well. This master plan will address how the plant will expand in the future with limited available property around the site.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	771,277	70,000	965,000	70,000	-	-	1,575,000	3,451,277
	Total Revenue	-	-	\$771,277	\$70,000	\$965,000	\$70,000	-	-	\$1,575,000	\$3,451,277
Expense											
8229	Professional Services	-	-	720,000	-	895,000	-	-	-	1,435,000	3,050,000
8232	Project Management - Labor	-	-	51,277	35,000	35,000	35,000	-	-	70,000	226,277
8234	Project Management - Burdened Labor	-	-	-	35,000	35,000	35,000	-	-	70,000	175,000
	Total Expense	-	-	\$771,277	\$70,000	\$965,000	\$70,000	-	-	\$1,575,000	\$3,451,277
	Net Total	-	-	-	-	-	-	-	-	-	-



WATER POLLUTION CONTROL FACILITY TREATMENT AND NUTRIENT MASTER PLAN

FINAL | November 2018

Secondary Clarifier Upgrades

Project Number:	413New6	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

As part of the 2018 Master plan, it was identified that the secondary clarifier mechanisms need replaced due to their age and condition. In addition to replacement of the mechanisms, improvements to address issues with scum removal and solids short-circuiting in the clarifiers will be completed. Modeling of the secondary clarifier performance and inlet design alternatives will also be completed to help enhance performance of the clarifiers. This project will include the design and construction for the upgrades.

Discussion of Progress:

Design scheduled to start in 2026.

Justification:

This was identified in the 2018 Master Plan Phase 3 due to age and condition of equipment. Phase 3 is now being divided into projects needed for capacity expansion and due to age/condition. This will be completed in the timeline laid out in the Master Plan due to the age/condition of the equipment.

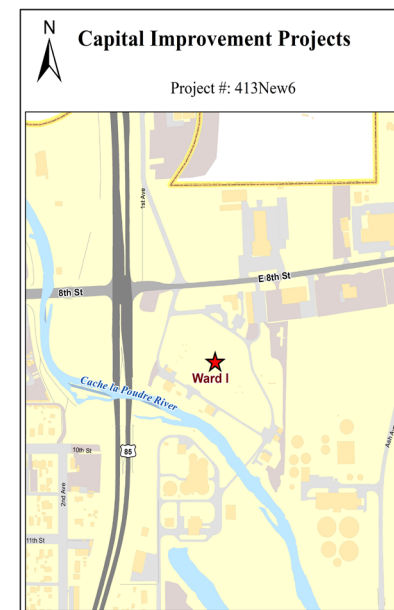
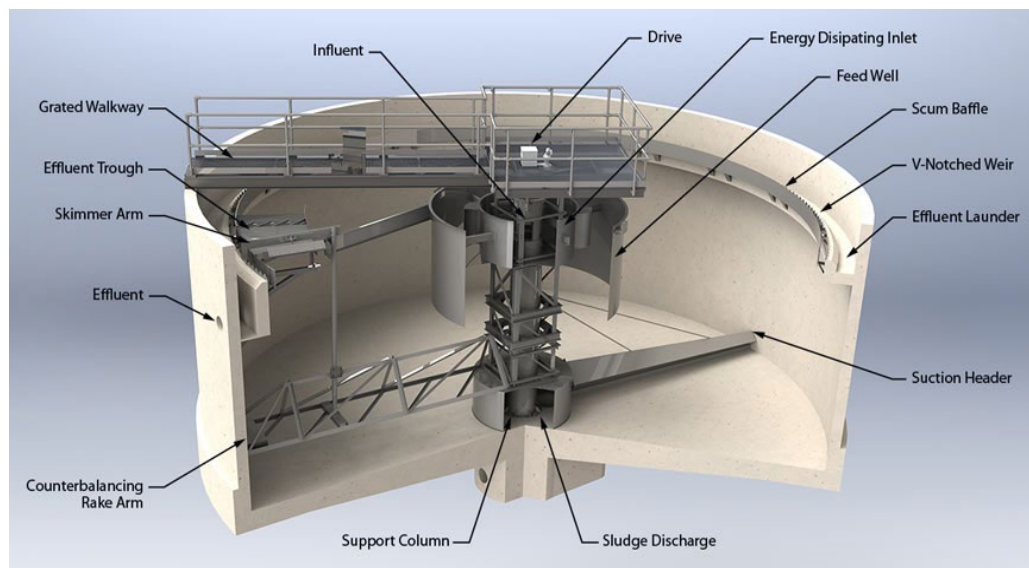
Revenue Detail:

No additional information

Impact on Operating Budget:

None. Replacement in-kind.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	1,128,000	2,958,000	5,788,000	3,017,475	12,891,475
	Total Revenue	-	-	-	-	-	\$1,128,000	\$2,958,000	\$5,788,000	\$3,017,475	\$12,891,475
Expense											
8202	Construction	-	-	-	-	-	-	2,750,000	5,700,000	2,917,475	11,367,475
8226	Permits, Fees, Etc	-	-	-	-	-	40,000	-	-	-	40,000
8229	Professional Services	-	-	-	-	-	1,000,000	120,000	-	-	1,120,000
8232	Project Management - Labor	-	-	-	-	-	44,000	44,000	44,000	50,000	182,000
8234	Project Management - Burdened Labor	-	-	-	-	-	44,000	44,000	44,000	50,000	182,000
	Total Expense	-	-	-	-	-	\$1,128,000	\$2,958,000	\$5,788,000	\$3,017,475	\$12,891,475
	Net Total	-	-	-	-	-	-	-	-	-	-



Secondary Digesters Rehabilitation

Project Number:	12746	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	4134402830210000000000
Project Status:	Funded		

Description:

This project will include the design of and construction for rehabilitating the existing Secondary Digesters at the WTRF.

Discussion of Progress:

The project has been identified with a feasibility study planned in 2023. Project has been postponed due to budgetary constraints and planned for design in 2025 and construction in 2026.

Careful phasing and timing is needed to minimize operational impacts of construction on the WTRF.

Justification:

The existing digesters are past their anticipated lifespan and have some significant structural deficiencies. The tanks are necessary for storing digestate prior to dewatering. The tanks are also available as a holding tank that can serve as a buffer during emergencies or maintenance shutdowns. In addition, the tanks are a key component of the Phosphorus Side Stream Treatment process that is being designed. The tanks current conditions will be evaluated and a feasibility study will be completed to determine the best path forward for rehabilitating or replacing the tanks. Based on the results of the feasibility study, a design will be completed. The last phase of this project will include construction.

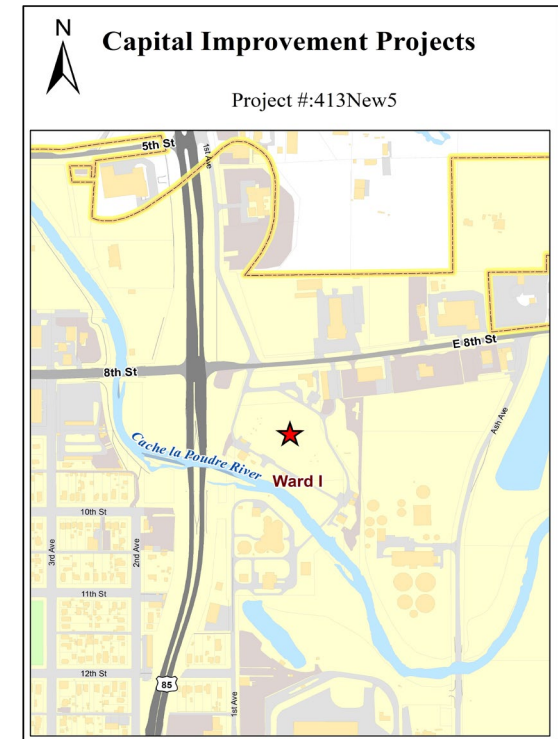
Revenue Detail:

No additional information

Impact on Operating Budget:

Operational cost should not be affected. If digester access is improved, maintenance cost could be decreased.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	145,000	357,000	2,140,000	20,000	-	-	2,662,000
	Total Revenue	-	-	\$145,000	\$357,000	\$2,140,000	\$20,000	-	-	\$2,662,000
Expense										
8202	Construction	-	-	-	-	2,000,000	-	-	-	2,000,000
8226	Permits, Fees, Etc	-	-	-	31,000	-	-	-	-	31,000
8229	Professional Services	-	-	125,000	300,000	100,000	-	-	-	525,000
8232	Project Management - Labor	-	-	20,000	13,000	20,000	10,000	-	-	63,000
8234	Project Management - Burdened Labor	-	-	-	13,000	20,000	10,000	-	-	43,000
	Total Expense	-	-	\$145,000	\$357,000	\$2,140,000	\$20,000	-	-	\$2,662,000
	Net Total	-	-	-	-	-	-	-	-	-



WTRF Electrical Upgrades

Project Number:	413New16	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	
Fund:	Sewer Capital Replacement	Location:	300 East 8th Street
Project Manager:	Oakleaf, Catherine	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Electrical upgrades for asset renewal at the WTRF.

Discussion of Progress:

This project is in the planning stages with intention to start in 2025.

Justification:

This project will upgrade aging and obsolete electrical equipment and PLCs at the WTRF. The upgrades are prioritized to align with other capital improvement projects and based on the asset condition assessment completed with the 2018. The majority of the equipment was installed in 1983 or 1997. Replacement parts and breakers are no longer available for some of the equipment. The electrical gear is critical infrastructure for maintaining operations at the WTRF. Most of the gear has a long leadtime so projects must be started two to three years before constructure/implementation is initiated.

Revenue Detail:

No additional information

Impact on Operating Budget:

No impacts to operations budget is anticipated due to the equipment. Operations budget may increase for more frequent maintenance and servicing than is currently being done. Maintenance and servicing should be done on a regular basis.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	986,000	402,000	1,914,000	1,110,000	487,000	3,284,000	8,183,000
	Total Revenue	-	-	-	\$986,000	\$402,000	\$1,914,000	\$1,110,000	\$487,000	\$3,284,000	\$8,183,000
Expense											
8202	Construction	-	-	-	670,000	150,000	1,520,000	680,000	310,000	2,395,000	5,725,000
8204	Contingency	-	-	-	130,000	-	304,000	-	62,000	479,000	975,000
8229	Professional Services	-	-	-	150,000	190,000	-	340,000	25,000	50,000	755,000
8232	Project Management - Labor	-	-	-	18,000	31,000	45,000	45,000	45,000	180,000	364,000
8234	Project Management - Burdened Labor	-	-	-	18,000	31,000	45,000	45,000	45,000	180,000	364,000
	Total Expense	-	-	-	\$986,000	\$402,000	\$1,914,000	\$1,110,000	\$487,000	\$3,284,000	\$8,183,000
	Net Total	-	-	-	-	-	-	-	-	-	-



WTRF Regulation 31 Improvements

Project Number:	413New7	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Treatment	Regions:	1- 16 St North/35 Ave East
Fund:	Sewer Capital Replacement	Location:	WTRF 300 E 8TH STREET
Project Manager:	Oakleaf, Catherine	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Future updates to Regulation 31 will become active in 2026 and will be substantially decreasing the allowed nutrient content of wastewater leaving the Wastewater Treatment and Reclamation Facility and will require significant upgrades and improvements to the existing plant. The department plans to be earning Voluntary Incentive Program (VIP) credits toward this regulation between 2022 and 2026. These credits are obtained by obtaining effluent nutrient levels lower than the current regulation in effect and they are worth time extensions to meeting the new regulations. We can potentially earn up to 10 years of credits, and we are conservatively planning on earning 8 years of credits (allowing for something to go wrong). This means we need the improvements to be active at the end of 2033. We will revisit this planning horizon as the VIP credits are amassed in the intervening years. Well before the project start date we will know how many credits have been earned.

In 2024 the planning is that these improvements will be needed 5 or more years before expansions that would add capacity are needed. At this time, the department is putting the planned expansion project N769 beyond the 10-Year Planning horizon and anticipates the need to do the improvements to meet regulation 31 by the end of the 10-Year Planning horizon. In the intervening years we will continue to monitor plant capacity and assess the need for capacity expansion versus regulatory improvements to time these two projects.

Discussion of Progress:

Currently enrolled in VIP credit program to extend compliance date. Postponing design to 2034 and construction outside of the planning horizon.

Justification:

The WTRF is required to comply with effluent discharge limits established within the CDPHE discharge permit. Regulation 31 imposes low levels of nutrients in wastewater treatment plant effluent and requires tertiary treatment be added to the WTRF to meet the regulations and maintain permit compliance.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	-	-	-	-	-	-	-	-	7,255,000	7,255,000
Total Revenue		-	-	-	-	-	-	-	-	\$7,255,000	\$7,255,000
Expense											
8226	Permits, Fees, Etc	-	-	-	-	-	-	-	-	75,000	75,000
8229	Professional Services	-	-	-	-	-	-	-	-	7,100,000	7,100,000
8232	Project Management - Labor	-	-	-	-	-	-	-	-	40,000	40,000
8234	Project Management - Burdened Labor	-	-	-	-	-	-	-	-	40,000	40,000
Total Expense		-	-	-	-	-	-	-	-	\$7,255,000	\$7,255,000
Net Total		-	-	-	-	-	-	-	-	-	-



Balsam Ave & LS9 Capacity Assessment

Project Number:	N741	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Collection	Regions:	2- 16 St South/23 Ave East
Fund:	Sewer Construction	Location:	Balsam Ave & LS9
Project Manager:	Goin, John	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

The Sanitary Sewer Masterplan identified deficiencies in the Balsam Avenue Trunkline and LS9 during the existing conditions wet weather flow. The masterplan identified abandonment of this lift station, with future construction of the East Greeley Lift Station, however it is not anticipated that this lift station could be constructed for some time. This project will provide a more in depth focus on existing flows within the Balsam Avenue Trunkline and assessment of dry and wet weather flows based on additional flow monitoring that is anticipated to be collected in this basin. It is anticipated that an additional permanent flow monitor is going to be placed in this basin (work completed under flow monitoring budget) and that an additional 2 years of data will be collected for this basin.

Discussion of Progress:

Planned for 2025.

Justification:

The Sanitary Sewer Masterplan identified deficiencies in the Balsam Avenue Trunkline and LS9 capacities. Since construction associated with these Master Plan recommendations is years away, a focused study of the basin can provide better guidance for scheduling and scoping of these upgrades.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	130,000	-	-	-	-	130,000
	Total Revenue	-	-	-	\$130,000	-	-	-	-	\$130,000
Expense										
8204	Contingency	-	-	-	10,000	-	-	-	-	10,000
8229	Professional Services	-	-	-	100,000	-	-	-	-	100,000
8232	Project Management - Labor	-	-	-	10,000	-	-	-	-	10,000
8234	Project Management - Burdened Labor	-	-	-	10,000	-	-	-	-	10,000
	Total Expense	-	-	-	\$130,000	-	-	-	-	\$130,000
	Net Total	-	-	-	-	-	-	-	-	-

Capital Outlay Replacement - Sewer

Project Number:	12509	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Studies	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Pierce, Virgil	Budget Unit #:	4134402105000000000000
Project Status:	Funded		

Description:

Replacement of rolling stock, e.g., pickups, tractor backhoes, loaders, compressors, sewer jet units, dump trucks, utility vehicles, and other identified sewer replacement capital items. This budget includes capital outlay replacement items for both the WWT and WWC Divisions. Replacement of rolling stock that has reached the end of its useful life. Maintains the ability to perform daily tasks and handle emergency situations.

Discussion of Progress:

Annual program this budget includes capital outlay replacement items for both the WWT and WWC Divisions.

Justification:

Replacement of rolling stock that has reached the end of its useful life. Maintains the ability to perform daily tasks and handle emergency situations.

Revenue Detail:

No additional information

Impact on Operating Budget:

None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Future	Grand Total
Revenue											
	Fund Balance	3,120	-	995,014	248,337	1,042,477	767,639	1,285,246	282,173	570,081	5,194,087
	Total Revenue	\$3,120	-	\$995,014	\$248,337	\$1,042,477	\$767,639	\$1,285,246	\$282,173	\$570,081	\$5,194,087
Expense											
8142	Construction Vehicles/Equipment	-	-	885,061	-	809,573	584,576	1,114,370	232,173	80,279	3,706,032
8144	Transportation/Vehicles	-	-	59,953	63,832	182,904	66,700	120,876	-	165,938	660,203
8149	Other Machinery And Equipment	-	-	50,000	184,505	50,000	116,363	50,000	50,000	323,864	824,732
8232	Project Management	3,120	-	-	-	-	-	-	-	-	3,120
	Total Expense	\$3,120	-	\$995,014	\$248,337	\$1,042,477	\$767,639	\$1,285,246	\$282,173	\$570,081	\$5,194,087
	Net Total	-	-	-	-	-	-	-	-	-	-



Sanitary Sewer Master Plan Update

Project Number:	12629	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Studies	Regions:	0 - All Wards
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Goin, John	Budget Unit #:	4138010830100000000000
Project Status:	Funded		

Description:

The City recently completed three master plans in 2021 for: (1) non-potable water system, (2) potable water distribution system, and (3) wastewater collection system. To keep the master plans current, the W&S Department plans on having each of them updated every 5 years. Each master plan will be updated on separate years (i.e.) 2025, 2026, and 2027 with the sanitary sewer master being updated in 2027.

Discussion of Progress:

Planned for 2027.

Justification:

Maintain an up-to-date Master Plan for prioritizing capital improvements for the existing and expanding system.

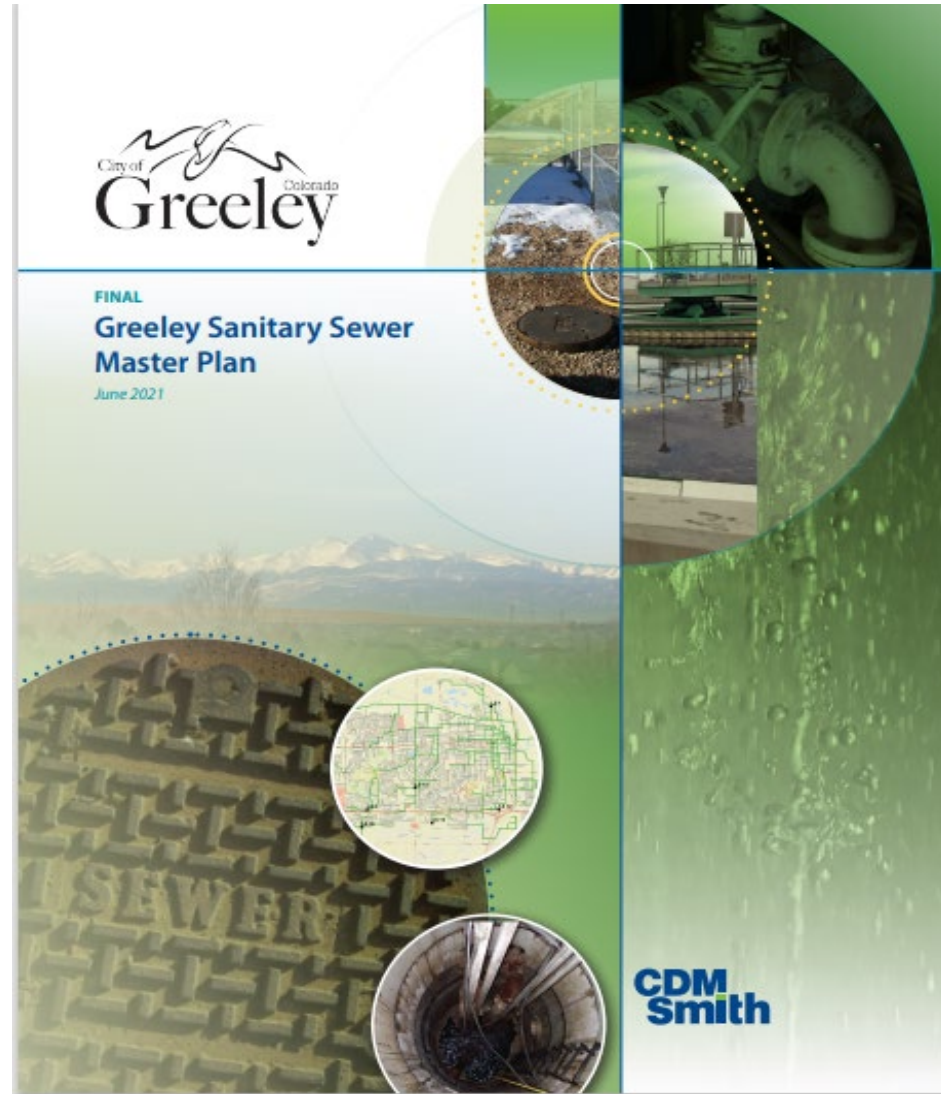
Revenue Detail:

No additional information

Impact on Operating Budget:

From the development of masterplans, 5 and 20 year CIP budgets will be updated to address projects identified to be high priority.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	365,609	-	-	150,000	-	751,000	-	-	1,266,609
	Total Revenue	\$365,609	-	-	\$150,000	-	\$751,000	-	-	\$1,266,609
Expense										
8204	Contingency	-	-	-	-	-	50,000	-	-	50,000
8229	Professional Services	196,648	-	-	130,000	-	675,000	-	-	1,001,648
8232	Project Management	135,543	-	-	-	-	-	-	-	135,543
8234	Project Management - Burdened Labor	-	-	-	10,000	-	13,000	-	-	23,000
8244	Capital Equipment >\$5,000	31,153	-	-	-	-	-	-	-	31,153
	Total Expense	\$365,609	-	-	\$150,000	-	\$751,000	-	-	\$1,266,609
	Net Total	-	-	-	-	-	-	-	-	-



Risk & Resiliency Study and Emergency Response Plan Update - Wastewater

Project Number:	413New13	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Studies	Regions:	
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Prior, Adam	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:
5-year update of the Risk and Resiliency Study and Emergency Response Plan for Wastewater. Study will inform future operating and capital budgets by identifying critical improvements to harden the system from physical attack and protect against natural events.

Discussion of Progress:
Planned for initiation in 2025.

Justification:
Regulatory Requirement and best practice for the department to keep up to date evaluations of the system status and emergency response plans.

Revenue Detail:
No additional information

Impact on Operating Budget:
None

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	245,000	-	-	-	-	245,000
	Total Revenue	-	-	-	\$245,000	-	-	-	-	\$245,000
Expense										
8229	Professional Services	-	-	-	245,000	-	-	-	-	245,000
	Total Expense	-	-	-	\$245,000	-	-	-	-	\$245,000
	Net Total	-	-	-	-	-	-	-	-	-

EPA and State Regulation Driven Cybersecurity Upgrades - Wastewater

Project Number:	413New10	Budget Year:	2025
Division:	Sewer Capital Projects	Council Priority:	Sustainable Infrastructure & Mobility
Project Type:	Sewer Replacement Studies	Regions:	
Fund:	Sewer Capital Replacement	Location:	Citywide
Project Manager:	Finch, Mathew	Budget Unit #:	Unassigned
Project Status:	Funded		

Description:

Upgrade and replacement of the SCADA and Operational Technology (OT) Systems for Wastewater to comply with new EPA and state regulations for Public Wastewater Systems. The SCADA system will be hardened to attack, backup systems improved, and monitoring upgraded.

Discussion of Progress:

Project anticipated start in 2027.

Justification:

EPA and state regulators are increasing scrutiny of cybersecurity protections for public water and wastewater systems. In recent years a number of public utilities have been compromised, and attacks on the SCADA system can cause physical damage to infrastructure.

Revenue Detail:

Project was the subject of a request for Congressionally Designated Spending, but will need to be undertaken whether that award is granted or not.

Impact on Operating Budget:

Project will result in a net decrease to the operating budget.

GL Account	Description	Previous 3 Years	2023 Actual	2024 Revised Budget	2025	2026	2027	2028	2029	Grand Total
Revenue										
	Fund Balance	-	-	-	-	-	100,000	784,000	250,000	1,134,000
	Total Revenue	-	-	-	-	-	\$100,000	\$784,000	\$250,000	\$1,134,000
Expense										
8202	Construction	-	-	-	-	-	-	584,000	50,000	634,000
8229	Professional Services	-	-	-	-	-	100,000	200,000	200,000	500,000
	Total Expense	-	-	-	-	-	\$100,000	\$784,000	\$250,000	\$1,134,000
	Net Total	-	-	-	-	-	-	-	-	-



Fund 421

Water Operating and Maintenance

2025 Water and Sewer Budget
421 Water Operating

Prepared July 2024

	% of Total 2025 Budget	\$ 2024 Budget	\$ 2025 Budget	% Change
Administration	7%	2,314,071	2,406,997	4%
Engineering	3%	1,200,346	1,129,893	-6%
Computer/Phone User Chrgs	4%	1,278,756	1,371,283	7%
Liability Insurance	1%	380,868	392,294	3%
Utility Billing	3%	934,083	917,519	-2%
Cash Operations	0%	156,147	160,559	3%
Asset Management	2%	551,346	520,134	-6%
General Management:	21%	6,815,617	6,898,679	1%
Service And Meters	3%	1,165,720	1,097,960	-6%
Transmission-Reservoir	3%	1,161,590	1,151,748	-1%
Distribution	10%	3,490,341	3,302,148	-5%
Inventory	1%	286,000	297,440	4%
Instrumentation & Control	5%	1,705,270	1,665,855	-2%
Transmission & Distribution:	23%	7,808,921	7,515,151	-4%
Water Resources Operations	15%	5,100,021	4,822,690	-5%
High Mountain Reservoirs	2%	671,034	704,424	5%
Water Conservation Prgm	3%	929,410	945,435	2%
Non-Potable Operations	4%	1,144,347	1,177,790	3%
Water Resources Planning	2%	632,998	642,375	1%
Windy Gap Debt Service	7%	2,671,709	2,381,509	-11%
Water Resources:	32%	11,149,519	10,674,223	-4%
Bellvue Filter Plant	12%	4,079,073	3,893,096	-5%
Boyd Lake Filter Plant	8%	2,805,173	2,697,530	-4%
Water Quality	3%	1,272,345	1,156,392	-9%
Cameron Peak Fire		8,660,000		N/A
Treatment:	23%	16,816,591	7,747,018	-54%
Treatment w/o CPF		8,156,591	7,747,018	-5%
Contingency Budget	1%	281,565	300,000	
Total Water Operating:		42,872,213	33,135,071	-23%
Total Water Operating w/o CPF		34,212,213	33,135,071	-3%

Water Administration
421-8500-10000

GL Account*	Notes	2025
7111- Regular Employees		1,019,616
7112- Salaries & Wages - Seasonal		17,631
7121- Overtime - Regular		6,453
7211- Disability		6,300
7212- Health		148,104
7213- Dental		4,465
7214- Vision		184
7215- Life		2,988
7221- General Employees		40,785
7227- 401K		19,575
7231- FICA/Social Security		63,217
7234- Medicare		14,785
7314- Office Supplies & Materials	General supplies that fall outside the "office" designation. , Budget Increase Request: 1445 - Water Enterprise Financial Analyst , Asset Management , \$6k to rebalance other accounts	9,702
7315- Small Items of Equipment \$100 - \$5,000	Transfer #2682 - Ongoing Addition from Water Sundry/7435 for Office Furniture , Budget Increase Request: 1445 - Water Enterprise Financial Analyst	8,000
7316- Computer Hardware/Software < \$5000	Trackit Licenses (Ongoing Addition from Water Sundry) 421100010300/7435 , Computer equipment , Budget Increase Request: 1445 - Water Enterprise Financial Analyst , Asset Management	17,890
7317- Meals/Food - Non-Travel Related	Food purchases for meetings ,	8,395
7325- Clothing And Uniforms	Budget Increase Request: 1445 - Water Enterprise Financial Analyst , Asset Management , \$485 from 7328 to cover clothing requests for new positions. ,	1,945
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	1,950
7344- Building and Grounds Maintenance Supplies	Cleaning supplies for W&S admin offices.	541
7411- Postage Charges - Internal	6100 pieces @ \$0.50	3,226
7412- Mailing/Delivery Services - External	\$485 from 7328 to cover outgoing priority mail	485
7418- Advertising	\$2k from 7314 to cover increase in advertisement ,	3,061
7424- In-House Copying (503-4471)		8,487
7426- Outside Printing/Copies		4,244
7433- Memberships & Dues	Asset Management , \$8,235 to 7433 going forward publications subscriptions , \$2k memberships & dues , \$1k memberships & dues ,	19,475
7435- Other Purchased Services	Professional services related to rate model development, cross connection control software maintenance, annual financial audit. , Leadership Training , Budget Increase Request: 312 - REGIONAL WATER STRATEGIC OPERATIONS (Published) , Asset Management , Analysis of cash-in-lieu of raw water fee assessments; inflation for consulting costs on rate modeling; review of non-revenue water uses. , \$25,000 for Ongoing Data Mapping and implementation of the Strategic Data Master Plan.	196,208
7442- Water/Sewer/Stormwater	Based on incrs & 12mo rolling avg	24,168
7445- Telephone	Construction crew phones , Budget Increase Request: 1450 - New Asset Mangement Civil Engineer I-II , Budget Increase Request: 1445 - Water Enterprise Financial Analyst , Budget Increase Request: 1441 - New Meter Technician , Budget Increase Request: 1438 - Water Resources Admin 3 Truck , Budget Increase Request: 1440 - Survey Technician for Backflow Protection Program ,	89,849
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	2,019
7472- Hotel and Motel	Budget Increase Request: 1452 - Water and Sewer Professional Development , Budget Increase Request: 1445 - Water Enterprise Financial Analyst , Asset Management ,	4,857
7473- Meals/Per Diem	Budget Increase Request: 1452 - Water and Sewer Professional Development , \$1k from 7314 rebalancing travel accounts ,	3,296

Water Administration**421-8500-10000**

GL Account*	Notes	2025
7474- Air Travel	Budget Increase Request: 1452 - Water and Sewer Professional Development , \$1k from 7314 rebalancing travel accounts	2,500
7475- Mileage	Asset Management , \$1k for mileage reimbursements ,	2,118
7477- Other Travel	Budget Increase Request: 1452 - Water and Sewer Professional Development	1,500
7478- Registration	Ten employees @ \$1000/employee. , Budget Increase Request: 1452 - Water and Sewer Professional Development , Budget Increase Request: 1445 - Water Enterprise Financial Analyst , Asset Management , \$1k for mileage reimbursement	33,821
7631- Rent	Rent Paid to General Fund 0015050050000000 - Maintenance 5366, Tied to repayment schedule. 2021/2022 ties to schedule.	129,740
7650- Computer/Phone User Charges (4484)	Budgeted by Finance	1,371,283
7655- Bank/Investment Charges	Charges for utility billing customer online payments.	185,000
7693- Rebates	\$150,000 for low-income household assistance with water utility bills.	150,000
7811- Grants-Outside Agencies	regional water workshops , Budget Increase Request: 1446 - Water Department Engagement and Consulting Support	12,300
9521- Information Technology Fund	Water's Sprypoint contribution including backflow	138,117
		\$ 3,778,280

Water Engineering**421-8500-80001**

GL Account*	Notes	2025
7111- Regular Employees		823,360
7112- Salaries & Wages - Seasonal		20,875
7211- Disability		4,985
7212- Health		81,312
7213- Dental		2,453
7214- Vision		102
7215- Life		2,382
7221- General Employees		32,931
7227- 401K		15,810
7231- FICA/Social Security		51,051
7232- FICA/Social Security Seasonal		891
7234- Medicare		11,942
7235- Medicare Seasonal		207
7314- Office Supplies & Materials	General Office Supplies	1,856
7315- Small Items of Equipment \$100 - \$5,000	\$2,800 prioritizing funds to other accounts	5,744
7316- Computer Hardware/Software < \$5000	\$2k to cover new docks and computer hardware	2,000
7325- Clothing And Uniforms	\$800 for PPE	1,862
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	1,950
7333- Machinery, Vehicle & Equipment Parts		260
7411- Postage Charges - Internal		54
7418- Advertising		106
7426- Outside Printing/Copies		106
7432- Publications & Subscriptions	VP - membership in AWWA, WEF, ASCE, and other professional organizations. Software for project development and modeling.	4,274
7433- Memberships & Dues		1,545
7435- Other Purchased Services		31,982
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	4,831
7472- Hotel and Motel	Budget Increase Request: 1452 - Water and Sewer Professional Development , \$1,000 per engineer for professional development: 1 major event per engineer per year.	8,304
7473- Meals/Per Diem	Budget Increase Request: 1452 - Water and Sewer Professional Development , 5 days of per diem estimated	4,152
7474- Air Travel	Budget Increase Request: 1452 - Water and Sewer Professional Development	3,652
7475- Mileage	1500 miles @ \$0.50	1,577
7477- Other Travel		530
7478- Registration	Budget Increase Request: 1452 - Water and Sewer Professional Development , 5 employees attending North American Society for Trenchless Technology @ approximately \$850/person	6,807
		\$ 1,129,893

Utility Billing
421-8500-11501

GL Account *	Notes	2025
7111- Regular Employees		516,856
7211- Disability		3,424
7212- Health		116,160
7213- Dental		3,502
7214- Vision		142
7215- Life		1,616
7221- General Employees		21,582
7227- 401K		10,355
7231- FICA/Social Security		33,446
7234- Medicare		7,823
7314- Office Supplies & Materials		7,721
7315- Small Items of Equipment \$100 - \$5,000		637
7325- Clothing And Uniforms	Jeff's pants, shirts with logos	212
7412- Mailing/Delivery Services - External		122,295
7424- In-House Copying (503-4471)		1,236
7426- Outside Printing/Copies		33,345
7432- Publications & Subscriptions	CGFOA Membership	170
7435- Other Purchased Services	folding inserting utility bills - .05 increase to accommodate minimum wage increase , courier services	35,593
7472- Hotel and Motel	CGFOA	318
7473- Meals/Per Diem	CGFOA	191
7475- Mileage		47
7478- Registration	quarterly Rocky Mtn Waters Works meeting/trainings , CGFOA	848
		\$ 917,519

Cash Operations - W&S**421-1506-11500**

GL Account*	Notes	2025
7111- Regular Employees		111,972
7211- Disability		724
7212- Health		29,040
7213- Dental		876
7214- Vision		36
7215- Life		340
7221- General Employees		4,480
7227- 401K		2,149
7231- FICA/Social Security		6,942
7234- Medicare		1,624
7314- Office Supplies & Materials		624
7315- Small Items of Equipment \$100 - \$5,000		955
7411- Postage Charges - Internal		79
7426- Outside Printing/Copies		239
7432- Publications & Subscriptions		329
7632- Internal Rentals		150
		\$ 160,559

Asset Management
421-8500-80003

GL Account*	Notes	2025
7111- Regular Employees		391,260
7211- Disability		2,420
7212- Health		58,080
7213- Dental		1,752
7214- Vision		72
7215- Life		1,148
7221- General Employees		15,650
7227- 401K		7,512
7231- FICA/Social Security		24,259
7234- Medicare		5,675
7314- Office Supplies & Materials	New office chairs for two employees.	412
7315- Small Items of Equipment \$100 - \$5,000	Budget Increase Request: 1450 - New Asset Mangement Civil Engineer I-II	300
7316- Computer Hardware/Software < \$5000	Budget Increase Request: 1450 - New Asset Mangement Civil Engineer I-II	500
7323- Safety And Personal Protection	Budget Increase Request: 1450 - New Asset Mangement Civil Engineer I-II	50
7325- Clothing And Uniforms	Budget Increase Request: 1450 - New Asset Mangement Civil Engineer I-II , 3 employees with \$200 uniform budget.	406
7433- Memberships & Dues	3 RMWA, WEF membership fees	1,030
7435- Other Purchased Services	contracted work from wollpert/merrick for cityworks, ESRI assistance, asset projects , \$250 for meetings, team events and interviews	4,900
7472- Hotel and Motel	Budget Increase Request: 1452 - Water and Sewer Professional Development , 1 conference expected 2023, 2 conferences 2024	1,515
7473- Meals/Per Diem	\$250 for meetings, team events and interviews	250
7474- Air Travel	Budget Increase Request: 1452 - Water and Sewer Professional Development	1,000
7475- Mileage	Mileage from DIA to Greeley x 2	155
7478- Registration	ESRI Conference registration, certification class/test registration. , Budget Increase Request: 1450 - New Asset Mangement Civil Engineer I-II	1,788
		\$ 520,134

Services and Meters
421-8600-86001

GL Account*	Notes	2025
7111- Regular Employees		471,268
7121- Overtime - Regular		12,772
7211- Disability		2,956
7212- Health		108,900
7213- Dental		3,285
7214- Vision		136
7215- Life		1,392
7221- General Employees		18,457
7227- 401K		9,019
7231- FICA/Social Security		28,604
7234- Medicare		6,691
7314- Office Supplies & Materials	Office supplies including copier paper, envelopes, pens, pencils, tape, printer cartridges. Recreational supplies, film, batteries (A, AA, AAA's), keys, gift certificates, name tags, rubber stamps, calendars and planners, trophies, plaques, prizes, awards, calculators, and flash drives. , Budget Increase Request: 1441 - New Meter Technician	1,261
7315- Small Items of Equipment \$100 - \$5,000	Furniture and equipment with a per unit cost of \$100 - \$5,000 with useful life of 1 year or more. This does not include repair parts. Budget adjusted, moved hand tools to 7349 "Tools".	3,713
7316- Computer Hardware/Software < \$5000	Computer, hardware/software with a per unit cost less than \$5,000 with a useful life of 1 year or more. This does not include repair parts. Upgrades to outdated office and field equipment. Budget will be adjusted 2023 to maintain equipment.	3,970
7317- Meals/Food - Non-Travel Related	Meals/Food - non-travel related food items for in-house meetings and training and concessions.operations will hold external safety/meetings and share expense with multiple departments.	530
7318- Medical Supplies	First aid kits, bandages, aspirin, and other medical items.	1,061
7323- Safety And Personal Protection	PPE for six FTE at \$500 per year ea.	3,183
7325- Clothing And Uniforms	Purchase of clothing and uniforms. Includes riot gear and fire helmets. 600/employee x5 , Budget Increase Request: 1441 - New Meter Technician	3,583
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	26,650
7333- Machinery, Vehicle & Equipment Parts	Parts for fleet vehicles and equipment. maintenance supplies for small engines, compressor, welders, etc. Attachments to mobile field manitenance vehicles. vehicle tool boxes, seat covers etc.	1,622
7338- Water, Sewer, Irrigation Line Repair Parts	Parts and components required to repair water, sewer (below ground), and sprinkler lines; plastic and concrete pipe. 15 meters pits @ \$120 each, 15 domes @ \$130 each, 15 setters @ \$110 each, 5 composite 24" lids @ \$240 each, misc. brass fittings 2014 same parts with a 4.5% mark up (\$1400)	10,816
7344- Building and Grounds Maintenance Supplies	Painting supplies; includes supplies such as brushes, rollers, roller trays, spray paint, wallpaper and glue, Plumbing supplies (above ground). Electrical supplies; includes wiring, fuses, electrical components, light fixtures, bulbs. Building supplies including lumber, nails, screws, glue. HVAC supplies; parts and supplies related to the maintenance and repair of heating, ventilation, and air conditioning equipment. Cleaning and routine maintenance supplies such as nitrile gloves, cleansers, trash bags, toilet paper, tissues, paper towels, lens and sanitized wipes.Historical costs for small tools, meter pit keys, stop box keys, meter vault lid lifting hooks, shovels and janitorial supplies	7,414
7349- Tools - Valued >\$100 < \$5000	Budget Increase Request: 324 - METER SHOP OPERATIONS (Published)	10,816

Services and Meters
421-8600-86001

GL Account *	Notes	2025
7426- Outside Printing/Copies	updating informational door hangers/AMI instruction hanger (\$1.50/hanger) budget will trend the same 2021 to 2024 to accomodate the new meter change out program	1,061
7433- Memberships & Dues	Annual membership fees for professional organizations that are job related. AWWA, CRWA, WEF etc. Memberships to organizations relevant to employee discipline. Information received through these organizations keep employees informed and educated on the latest water treatment/storage/distribution techniques. Provide approved training units to maintain certifications.	530
7435- Other Purchased Services	Charge for professional outside architects, engineers, surveyors, and material testers. Professional services or testimony from doctors, appraisers, ambulance charges, clinic charges, and hospital charges. Expense for the performance and associated cost of entertainers & cultural artists. Charges for Armored Car Services. Charges for temporary personnel provided by temporary service agencies, including work-study program participants. Expense for professional data processing advice, web site development, instruction, or services. Ergo Med, Court interpreters, DJ's, Security Service, written agreements for hardware and software maintenance. Monthly fees for radios, pagers, & related radio equipment. Vehicle towing services, Internet access. Cost for county jail services (boarding of prisoners). Filing fees for legal documents recorded by the county or state. Professional dry cleaning and cleaning of uniforms, tablecloths, blankets, drapes, towels, etc. Also includes misc. items such as port-a-potties, landfill charges, sludge analysis & hauling, film development, lab analysis, background checks, certification, CPR cards, piano tuning, recycling documents, pest control. Permits, Airfare & hotel for recruiting, entertainers, and trainers. Meals for senior trips, tree trimming, weed mowing, and trash removal for other property owners (not property that the City owns) K-9 boarding. Replaces 7458 and 7496 in Finance Plus.large meter testing	5,092
7441- Electric	Budgeted by Finance (based on incrs & 12mo rolling avg)	4,056
7444- Natural Gas	Budgeted by Finance (based on incrs & 12mo rolling avg)	3,807
7445- Telephone	\$290,000 for Badger Meter Service Charges ,	266,900
7461- Repair And Maintenance Services	Charges from outside contractors for vehicle repair and maintenance services. including car washes. Outside services for the repair and maintenance of elevators, machine, power tools, pumps, and other equipment. Also, includes welding and similar technical services. Annual fire extinguishers charging. Flat tire repair.	1,103
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	26,025
7463- Maintenance Agreements	Annual software maintenance for the MARS test bench and MARS mobile test bench.	37,836

Services and Meters
421-8600-86001

GL Account *	Notes	2025
7466- Facilities And Grounds Maintenance Services	Building and grounds maintenance - outside services for window washing, glass repair, overhead door repair, carpet cleaning, general cleaning, and similar building maintenance. Outside plumbing, heating and electrical services such as inspections, repairs, locks and keying, & related general maintenance. For properties that the City does own. Outside services related to sprinkler systems, sidewalk/concrete repair and replacement, grass seeding and sodding, landscaping and landscape maintenance, tree trimming, and fence installation or repair.	2,756
7472- Hotel and Motel	Expense for overnight lodging on city business if not included in registration. The increase in budget will cover hotel expense for employees traveling to conferences and school to achieve/maintain City, State & federal certifications to operate and deliver water per the EPA/CDPHE safe water drinking act.	2,652
7473- Meals/Per Diem	Expense for meals while on city business and seminars.	530
7474- Air Travel		2,122
7475- Mileage	Reimbursement to employees for the use of their personal vehicle for official citybusiness at a designated rate per mile.	530
7478- Registration	Sign up fee for seminars, workshops, and conferences. Registration fees for EPA/CDPHE approved courses/schools/conferences and internet training necessary to achieve/maintain, State/Federal certifications in Storage and distribution of safe, quality drinking water. , Budget Increase Request: 1441 - New Meter Technician	1,561
7633- Equipment Rentals	Small equipment rental.	3,300
		\$ 1,097,960

Transmission - Reservoirs
421-8600-86002

GL Account	Notes	2025
7111- Regular Employees		378,485
7112- Salaries & Wages - Seasonal		26,245
7121- Overtime - Regular		26,759
7211- Disability		2,421
7212- Health		87,120
7213- Dental		2,628
7214- Vision		108
7215- Life		1,136
7221- General Employees		15,140
7227- 401K		7,267
7231- FICA/Social Security		23,466
7232- FICA/Social Security Seasonal		1,407
7234- Medicare		5,489
7235- Medicare Seasonal		347
7314- Office Supplies & Materials	Office supplies including copier paper, envelopes, pens, pencils, tape, printer cartridges. Recreational supplies, film, batteries (A, AA, AAA's), keys, gift certificates, name tags, rubber stamps, calendars and planners, trophies, plaques, prizes, awards, calculators, and flash drives. Includes everything that was in 7314 and 7329 in Finance Plus.	3,501
7315- Small Items of Equipment \$100 - \$5,000	Furniture and equipment with a per unit cost of \$100 - \$5,000 with useful life of 1 year or more. This does not include repair parts. Budget adjusted, moved hand tools to 7349 "Tools".	4,244
7316- Computer Hardware/Software < \$5000	Computer, hardware/software with a per unit cost less than \$5,000 with a useful life of 1 year or more. This does not include repair parts. Upgrades to outdated office and field equipment. Budget will be adjusted 2023 to maintain equipment. Additional FTE needs/update existing. Reservoirs is in need of mobile equipment, i.e., laptops, smart phones, etc. Budget will be readjusted 2023 to maintain equipment.	4,395
7317- Meals/Food - Non-Travel Related	Meals/Food - non-travel related food items for in-house meetings and training and concessions.operations will hold external safety/meetings and share expense with multiple departments.	530
7318- Medical Supplies	First aid kits, bandages, aspirin, and other medical items.	1,061
7321- Chemicals	Lab supplies, hazmat supplies, mace, and less-lethal rounds. Chemicals required for operations such as chlorine, de-icing salt, fertilizers, weed spray, fire extinguishers (not charging – see 7461) bug spray, pest strips, CO2 detectors, etc.At our 3 reservoir complexes we use sodium hypochlorite solution to provide secondary disinfection treatment per State/Federal safe drinking water regulations. Gallons used is proportional with gallons of water usage, time of year, temperature, etc. Under new management 2021. Need to baseline and adjust budget accordingly. 2020 actual is the base (3%) calculation for 2022 budget.	78,332
7323- Safety And Personal Protection	Safety glasses, boots, ear protection, gloves, safety vests, hard hats, ear plugs, and masks (PPE). \$600/employee - added FTE 2021.	5,198
7325- Clothing And Uniforms	Purchase of clothing and uniforms. Includes riot gear and fire helmets. \$600/employee - added FTE 2021	2,546
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	13,650
7333- Machinery, Vehicle & Equipment Parts	Parts for fleet vehicles and equipment. maintenance supplies for small engines, compressor, welders, etc. Attachments to mobile field manitenace vehicles. vehicle tool boxes, seat covers etc.	4,456

Transmission - Reservoirs
421-8600-86002

GL Account*	Notes	2025
7338- Water, Sewer, Irrigation Line Repair Parts	Parts and components required to repair water, sewer (below ground), and sprinkler lines; plastic and concrete pipe. Parts used for transmission and distribution system appurtenances. major areas are: combination air vacuum valves and hardware located in vaults throughout the entire transmission system; 24 pressure regulating stations located throughout the distribution system; parts for repairing plumbing, pumps, the sodium hyperchlorite dispensing systems at 3 reservoir complexes. Added 2 PRVs 20, 21,23 and 24	4,543
7344- Building and Grounds Maintenance Supplies	Painting supplies; includes supplies such as brushes, rollers, roller trays, spray paint, wallpaper and glue, Plumbing supplies (above ground). Electrical supplies; includes wiring, fuses, electrical components, light fixtures, bulbs. Building supplies including lumber, nails, screws, glue. HVAC supplies; parts and supplies related to the maintenance and repair of heating, ventilation, and air conditioning equipment. Cleaning and routine maintenance supplies such as nitrile gloves, cleansers, trash bags, toilet paper, tissues, paper towels, lens and sanitized wipes.painting supplies and janitorial supplies for the (3) reservoir complexes and the zone 4 pump station are purchased through this account , \$5,108 to electric	16,524
7346- Street & Traffic Repair and Maintenance Supplies	Sign parts and supplies, traffic signal supplies. Pavement marking supplies; including pavement paint, thermoplastic markings, etc. Asphalt, tack oil, sand, gravel, and other street repair supplies. Parts for the repair and maintenance of motor vehicles, small engines, batteries (A, AA, AAA, etc. under 7314), chain saws, generators, welders, weed eaters, testing and lab equipment. Also, grader blades & snow blades less than \$5000, tires (includes labor for balancing and mounting), tubes, wheel weights, patching supplies. Vehicle oil, lubricants and windshield wiper fluid. Also includes rope, brooms, shovels, rakes, small tools under \$100.00, glue, sand for golf courses and park sand.	1,298
7348- Plant Materials	Sod, grass for the (3) reservoir complexes	541
7349- Tools - Valued >\$100 < \$5000	The purchase of small tools, lumber, ladders, rakes, shovels, weed eaters and mower blades. also includes all cutting blades for chop saws, angle grinders, reciprocating saws and all welding supplies. Hand tools addition/replacement	10,816
7424- In-House Copying (503-4471)		1,061
7426- Outside Printing/Copies	Typesetting, printing, binding, graphics, and related professional printing services for reports, brochures, flyers, business cards, forms, etc. Also includes outside copy charges, laminating, small signs and decals made by outside service.	160
7432- Publications & Subscriptions	The purchase of work-related books, reports, manuals, and other publications. Subscriptions to newspapers, magazines, newsletters, similar publications, including updates to law journals and professional practices. Cd's, dvd's , \$750 added for Cert training material and AWWA Opflow	1,062
7433- Memberships & Dues	Annual membership fees for professional organizations that are job related. AWWA, CRWA, WEF etc. Memberships to organizations relevant to employee discipline. Information received through these organizations keep employees informed and educated on the latest water treatment/storage/distribution techniques. Provide approved training units to maintain certifications.	1,061

Transmission - Reservoirs

421-8600-86002

GL Account *	Notes	2025
7435- Other Purchased Services	Charge for professional outside architects, engineers, surveyors, and material testers. Professional services or testimony from doctors, appraisers, ambulance charges, clinic charges, and hospital charges. Expense for the performance and associated cost of entertainers & cultural artists. Charges for Armored Car Services. Charges for temporary personnel provided by temporary service agencies, including work-study program participants. Expense for professional data processing advice, web site development, instruction, or services. Ergo Med, Court interpreters, DJ's, Security Service, written agreements for hardware and software maintenance. Monthly fees for radios, pagers, & related radio equipment. Vehicle towing services, Internet access. Cost for county jail services (boarding of prisoners). Filing fees for legal documents recorded by the county or state. Professional dry cleaning and cleaning of uniforms, tablecloths, blankets, drapes, towels, etc. Also includes misc. items such as port-a-potties, landfill charges, sludge analysis & hauling, film development, lab analysis, background checks, certification, CPR cards, piano tuning, recycling documents, pest control. Permits, Airfare & hotel for recruiting, entertainers, and trainers. Meals for senior trips, tree trimming, weed mowing, and trash removal for other property owners (not property that the City owns) K-9 boarding. Replaces 7458 and 7496 in Finance Plus. Instructional advice received about the maintenance of our cathodic protection system. This is our corrosion control protection for our large diameter steel transmission mains; we induce an electrical current on to the pipe line. Utility notification center of Colorado locate ticket request charges. Extensive study and multiple upgrades to rectifiers/anod beds, cathodic protect 21 - 22. pending results budgets may decrease 2023. \$50,000 for surveys, including underwater, or tanks and reservoirs in the system for treated water. , \$3,430 to electric	73,851
7441- Electric	Electrical services are provided to operate and protect our distribution and transmission systems. City of Greeley water/sewer receives electrical services from both xcel energy and poudre valley rural electrical association as part of our cathodic protection system, which impresses an electrical current onto the larger steel transmission main, we have 6 rectifiers. To move water through the reservoir complexes and provide water to zone 4 (promontory) we have 2 major pump stations. 1) of our 22 pressure regulating valve stations received power. This provides remote operation and supervisory control and data acquisition capabilities. Budgeted by Finance. , \$5,108 to electric , \$3,430 to electric	301,675
7442- Water/Sewer/Stormwater	Budgeted by Finance (based on incrs & 12mo rolling avg)	2,023
7444- Natural Gas	Budgeted by Finance (based on incrs & 12mo rolling avg)	5,858
7445- Telephone		7,800
7446- Other Utility		1,103
7461- Repair And Maintenance Services	Charges from outside contractors for vehicle repair and maintenance services. including car washes. Outside services for the repair and maintenance of elevators, machine, power tools, pumps, and other equipment. Also, includes welding and similar technical services. Annual fire extinguishers charging. Flat tire repair. Contracted outside services for the repair and maintenance of streets and roads, including snow removal, asphalt patching, sweeping, repair, street lights, etc. Outside equipment repair. Annual cost for the asphalt paving, curb, gutter and sidewalk replacement damaged or removed during PRV, vault repair replacement. Traffic control when working on PRV vaults. maintenance service on 3 generators.	1,764
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	14,709

Transmission - Reservoirs**421-8600-86002**

GL Account *	Notes	2025
7466- Facilities And Grounds Maintenance Services	Building and grounds maintenance - outside services for window washing, glass repair, overhead door repair, carpet cleaning, general cleaning, and similar building maintenance. Outside plumbing, heating and electrical services such as inspections, repairs, locks and keying, & related general maintenance. For properties that the City does own. Outside services related to sprinkler systems, sidewalk/concrete repair and replacement, grass seeding and sodding, landscaping and landscape maintenance, tree trimming, and fence installation or repair.	1,103
7473- Meals/Per Diem	Expense for meals while on city business and seminars.	530
7475- Mileage	Reimbursement to employees for the use of their personal vehicle for official city business at a designated rate per mile.	530
7478- Registration	Sign up fee for seminars, workshops, and conferences. Registration fees for EPA/CDPHE approved courses/schools/conferences and internet training necessary to achieve/maintain, State/Federal certifications in Storage and distribution of safe, quality drinking water.	5,305
7633- Equipment Rentals	heavy construction equip, compactors, mini x, etc	2,500
		\$ 1,151,748

Distribution
421-8600-86003

GL Account*	Notes	2025
7111- Regular Employees		1,882,888
7112- Salaries & Wages - Seasonal		72,450
7121- Overtime - Regular		147,172
7211- Disability		11,823
7212- Health		384,780
7213- Dental		11,607
7214- Vision		479
7215- Life		5,557
7221- General Employees		74,587
7227- 401K		40,549
7231- FICA/Social Security		115,604
7234- Medicare		27,036
7314- Office Supplies & Materials	Office supplies including copier paper, envelopes, pens, pencils, tape, printer cartridges. Recreational supplies, film, batteries (D/C, AA, AAA's), keys, gift certificates, name tags, rubber stamps, calendars and planners, trophies, plaques, prizes, awards, calculators, and flash drives. , Budget Increase Request: 1442 - New Water Operations Administrative Assistant II	6,448
7315- Small Items of Equipment \$100 - \$5,000	Small Equipment , Furniture and equipment with a per unit cost of \$100 - \$5,000 with useful life of 1 year or more. This does not include repair parts. Budget adjusted, moved hand tools to 7349 "Tools". , Budget Increase Request: 1442 - New Water Operations Administrative Assistant II	22,779
7316- Computer Hardware/Software < \$5000	Construction crew computers , Computer, hardware/software with a per unit cost less than \$5,000 with a useful life of 1 year or more. This does not include repair parts. Upgrades to outdated office and field equipment. additional laptops are needed to monitor transmission/distribution and reservoirs, make adjustments to flows and chemical feeds remotley. Budget will be adjusted (2022 10k is a one time request) 2023 budget adjusted to maintain equipment. , Budget Increase Request: 1442 - New Water Operations Administrative Assistant II , \$29,869 for Daupler 5-year contract (another \$10,696 paid from IT from already existing budget) , Budget Increase Request: 1440 - Survey Technician for Backflow Protection Program	45,845
7317- Meals/Food - Non-Travel Related	Meals/Food - non-travel related food items for in-house meetings and training and concessions.operations will hold external safety/meetings and share expense with multiple departments. , \$3k for meals/food for in-house meetings, training and concessions	4,061
7318- Medical Supplies	First aid kits, bandages, aspirin, and other medical items.	1,061
7325- Clothing And Uniforms	Purchase of clothing and uniforms. , Construction Crew Clothing and Uniforms , Budget Increase Request: 1440 - Survey Technician for Backflow Protection Program	16,909
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	61,750
7333- Machinery, Vehicle & Equipment Parts	Parts for fleet vehicles and equipment. maintenance supplies for small engines, compressor, welders, etc. Attachments to mobile field manitenance vehicles. vehicle tool boxes, seat covers etc.	6,128
7338- Water, Sewer, Irrigation Line Repair Parts	Parts and components required to repair water, sewer (below ground), and sprinkler lines; plastic and concrete pipe. Average 70 leaks per year. Cost varies due to repair parts required. Cost per leak repair varies from \$2,500 to \$35,000. Stainless steel leak repair clamps; range 3" to 36". Repair clamps range in price from \$45.00 to \$1200.00.	13,412

Distribution
421-8600-86003

GL Account *	Notes	2025
7344- Building and Grounds Maintenance Supplies	Painting supplies; includes supplies such as brushes, rollers, roller trays, spray paint, wallpaper and glue, Plumbing supplies (above ground). Electrical supplies; includes wiring, fuses, electrical components, light fixtures, bulbs. Building supplies including lumber, nails, screws, glue. HVAC supplies; parts and supplies related to the maintenance and repair of heating, ventilation, and air conditioning equipment. Cleaning and routine maintenance supplies such as nitrile gloves, cleansers, trash bags, toilet paper, tissues, paper towels, lens and sanitized wipes.	10,816
7346- Street & Traffic Repair and Maintenance Supplies	Historical costs for repairing the public right of way after emergency corrective repairs that have been made to the distribution and transmission water systems. flow fill @ \$90/cyd, cold mix @ \$150/ton, fill sand @ \$12/ton, 3/4 washed \$28/ton & 1 1/2" washed rock \$28/ton, hot asphalt \$60/sqyd for the purchase of emergency signage and traffic cones.	40,233
7348- Plant Materials	misc- replacement of shrubbery/planters due to construction/emergency repairs	1,622
7349- Tools - Valued >\$100 < \$5000	Tools with a per unit cost between \$100 and \$5,000 with useful life of 1 year or more. The purchase of small tools, lumber, ladders, rakes, shovels, weed eaters and mower blades. also includes all cutting blades for chop saws, angle grinders, reciprocating saws and all welding supplies. Hand tools addition/replacement	21,632
7411- Postage Charges - Internal		106
7424- In-House Copying (503-4471)	Finance use only	1,591
7426- Outside Printing/Copies	Typesetting, printing, binding, graphics, and related professional printing services for reports, brochures, flyers, business cards, forms, etc. Also includes outside copy charges, laminating, small signs and decals made by outside service.	530
7432- Publications & Subscriptions	The purchase of work-related books, reports, manuals, and other publications. Subscriptions to newspapers, magazines, newsletters, similar publications, including updates to law journals and professional practices. Cd's, dvd's readjusting budget and re-evaluating Subscriptions	530
7433- Memberships & Dues	Annual membership fees for professional organizations that are job related. AWWA, CRWA, WEF etc. Memberships to organizations relevant to employee discipline. Information received through these organizations keep employees informed and educated on the latest water treatment/storage/distribution techniques. Provides approved training units to maintain certifications.	1,061

Distribution
421-8600-86003

GL Account *	Notes	2025
7435- Other Purchased Services	Charge for professional outside architects, engineers, surveyors, and material testers. Professional services or testimony from doctors, appraisers, ambulance charges, clinic charges, and hospital charges. Expense for the performance and associated cost of entertainers & cultural artists. Charges for Armored Car Services. Charges for temporary personnel provided by temporary service agencies, including work-study program participants. Expense for professional data processing advice, web site development, instruction, or services. Ergo Med, Court interpreters, DJ's, Security Service, written agreements for hardware and software maintenance. Monthly fees for radios, pagers, & related radio equipment. Vehicle towing services, Internet access. Cost for county jail services (boarding of prisoners). Filing fees for legal documents recorded by the county or state. Professional dry cleaning and cleaning of uniforms, tablecloths, blankets, drapes, towels, etc. Also includes misc. items such as port-a-potties, landfill charges, sludge analysis & hauling, film development, lab analysis, background checks, certification, CPR cards, piano tuning, recycling documents, pest control. Permits, Airfare & hotel for recruiting, entertainers, and trainers. Meals for senior trips, tree trimming, weed mowing, and trash removal for other property owners (not property that the City owns) K-9 boarding. Replaces 7458 and 7496 in Finance Plus.W&S is in the process of redefining the geo-fencing to narrow or underground locate coverage which will drastically reduce ticket charges. Could see budget drop 15 - 20k. WWC/T&D/Reservoirs share cost for utiliserves/811 (2021-22)? Water Sampling Lab Fees. port-a-pot fees.	38,192
7436- Certifications	Certification Costs for Water Distribution Operators (Sundry T.3119)	2,500
7441- Electric	Annual electrical service provided to building I in the city shops complex. Budgeted by Finance "Based on incrs & 12mo rolling avg"	11,894
7444- Natural Gas	Based on incrs & 12mo rolling avg	2,553
7445- Telephone	\$1k for CenturyLink charges ,	2,000
7446- Other Utility		66
7461- Repair And Maintenance Services	Charges from outside contractors for vehicle repair and maintenance services. including car washes. Outside services for the repair and maintenance of elevators, machine, power tools, pumps, and other equipment. Also, includes welding and similar technical services. Annual fire extinguishers charging. Flat tire repair. Contracted outside services for the repair and maintenance of streets and roads, including snow removal, asphalt patching, sweeping, repair, street lights, etc.Outside equipment repair. Annual cost for the asphalt paving, curb, gutter and sidewalk replacement damaged or removed during water main emergencies. 21-22 budget will absorb a portion of repair/replace cost for leaks. , \$3k for meals/food for in-house meetings, training and concessions	44,297
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	134,029
7466- Facilities And Grounds Maintenance Services	Building and grounds maintenance - outside services for window washing, glass repair, overhead door repair, carpet cleaning, general cleaning, and similar building maintenance. Outside plumbing, heating and electrical services such as inspections, repairs, locks and keying, & related general maintenance. For properties that the City does own. Outside services related to sprinkler systems, sidewalk/concrete repair and replacement, grass seeding and sodding, landscaping and landscape maintenance, tree trimming, and fence installation or repair.	5,513

Distribution
421-8600-86003

GL Account *	Notes	2025
7472- Hotel and Motel	Expense for overnight lodging on city business if not included in registration. The increase in budget will cover hotel expense for employees traveling to conferences and school to achieve/maintain City, State & federal certifications to operate and deliver water per the EPA/CDPHE safe water drinking act.	2,546
7473- Meals/Per Diem	Expense for meals while on city business and seminars.	1,061
7474- Air Travel	Budget will cover air fare for out of state travel to limited conferences	2,652
7475- Mileage	Reimbursement to employees for the use of their personal vehicle for official city business at a designated rate per mile.	530
7478- Registration	Sign up fee for seminars, workshops, and conferences. Registration fees for EPA/CDPHE approved courses/schools/conferences and internet training necessary to achieve/maintain, State/Federal certifications in Storage and distribution of safe, quality drinking water. , Construction crew registration , Budget Increase Request: 1452 - Water and Sewer Professional Development , Budget Increase Request: 1440 - Survey Technician for Backflow Protection Program	17,169
7633- Equipment Rentals	Heavy construction equipment, compactors, skidsters, etc.	6,100
		\$ 3,302,148

Water Instrumentation and Controls
421-8600-86006

GL Account	Notes	2025
7111- Regular Employees		1,114,940
7121- Overtime - Regular		24,591
7211- Disability		6,869
7212- Health		155,364
7213- Dental		4,687
7214- Vision		192
7215- Life		3,256
7221- General Employees		44,599
7227- 401K		21,405
7231- FICA/Social Security		69,122
7234- Medicare		16,163
7314- Office Supplies & Materials	Funds used for batteries, technology accessories, copy paper and other office supplies.	2,652
7315- Small Items of Equipment \$100 - \$5,000	Desks, office chairs, etc.	2,122
7316- Computer Hardware/Software < \$5000	Increase is needed for additional staff. Since the new staff person is a result of a reclassification rather than the addition of an employee, basic items were not accounted for as they normally would have been. , Budget Increase Request: 1443 - Water Instrument Technician Request	1,568
7325- Clothing And Uniforms	Safety boots cog logo hats, hard hats 1, safety shirts , light coveralls, safety gloves, safety vest , first aid kit refill, rubber boots , safety glasses, safety sweatshirts, ear protection plugs, ear protection, ear protection muffs, face shield, eye protection goggles, eye protection over the glasses, rain gear, bug spray, sun screen In the past this money was taken from the treatment plants and reservoirs accounts. , Budget Increase Request: 1443 - Water Instrument Technician Request	5,182
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	13,650
7333- Machinery, Vehicle & Equipment Parts		1,622
7344- Building and Grounds Maintenance Supplies		13,466
7432- Publications & Subscriptions	Certification updates	212
7433- Memberships & Dues	Budget Increase Request: 1443 - Water Instrument Technician Request	2,000
7435- Other Purchased Services	Satellite charges for VIASAT and GIT, annual SCADA support contracts: GE Digital by Graymatter (Timber Line). Instructional advice received about the maintenance of new equipment installed at the treatment plants.	1,061
7445- Telephone	\$16k for Centurylink charges	16,000
7461- Repair And Maintenance Services	Fees for repairs outside the city of Greeley i.e.. Test equipment, instruments. Etc. In the past this money was taken from the treatment plants and reservoirs accounts.	3,197
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	21,204
7463- Maintenance Agreements	Firewall and licensing expenses , \$16k for Centurylink charges	116,141
7466- Facilities And Grounds Maintenance Services	Bldg. service and repair for new I&C office	551
7473- Meals/Per Diem	Budget Increase Request: 1452 - Water and Sewer Professional Development	500
7478- Registration	Registration fees for AWWA. Also for advanced electrical & instrumentation training. Required to attend class on new equipment installed at the treatment plants.	3,539
		\$ 1,665,855

Water Resources Operations**421-8700-87001**

GL Account	Notes	2025
7111- Regular Employees		596,090
7112- Salaries & Wages - Seasonal		47,319
7121- Overtime - Regular		1,879
7211- Disability		3,646
7212- Health		72,600
7213- Dental		2,190
7214- Vision		90
7215- Life		1,734
7221- General Employees		23,842
7227- 401K		11,444
7231- FICA/Social Security		36,958
7232- FICA/Social Security Seasonal		4,918
7234- Medicare		8,641
7235- Medicare Seasonal		1,150
7314- Office Supplies & Materials	Water quality bottles, batteries, tags, labels, etc.. , \$500 to Water Resources Planning , \$1k for meals/food	2,729
7315- Small Items of Equipment \$100 - \$5,000	\$500 to Water Resources Planning ,	6,911
7317- Meals/Food - Non-Travel Related	\$1k for meals/food , Budget Increase Request: 1446 - Water Department Engagement and Consulting Support	4,500
7318- Medical Supplies	Budget Increase Request: 1438 - Water Resources Admin 3 Truck	100
7323- Safety And Personal Protection	Budget Increase Request: 1438 - Water Resources Admin 3 Truck	200
7325- Clothing And Uniforms	Budget Increase Request: 1438 - Water Resources Admin 3 Truck , \$400 to Water Resources Planning ,	1,910
7333- Machinery, Vehicle & Equipment Parts	Budget Increase Request: 1438 - Water Resources Admin 3 Truck	500
7415- Legal	Increased costs of defending the City of Greeley's water rights in court. , 2022 budget increased to reflect higher actuals in 2020 and the anticipated increased costs associated with more involved water court cases and legislation efforts (ex. Turnback provision) and other issues.	488,303
7418- Advertising		1,061
7432- Publications & Subscriptions	Publications associated with water resources , Budget Increase Request: 1446 - Water Department Engagement and Consulting Support Colorado Water Congress participation, AWWA Memberships, Headwaters Magazine.	15,548
7435- Other Purchased Services	Projects related to protecting existing water supplies and evaluating new water supplies, flow studies, environmental impact statement analysis, and water quality ditch sampling. 2022 budget increased due to an expected increase in professional services needs related to more involved water court cases and assistance for our IWRP; Increased costs of defending the City of Greeley's water rights in court. , Budget Increase Request: 1446 - Water Department Engagement and Consulting Support	505,288
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	1,320
7472- Hotel and Motel	\$900 to Water Resources Planning ,	3,317
7473- Meals/Per Diem		1,061
7474- Air Travel	\$900 to Water Resources Planning ,	1,195
7475- Mileage	\$900 to Water Resources Planning ,	4,378
7477- Other Travel		4,774

Water Resources Operations**421-8700-87001**

GL Account *	Notes	2025
7478- Registration	Training includes irrigationist symposium, CLE water administration, CSU conference irrigation water requirement, AWRA symposium, Water Congress annual meeting, South Platte Forum, water issues forum, use 2015 budget for 2017 and 2018 , Registration for Poudre Forum.Budget Increase Request: 1438 - Water Resources Admin 3 Truck , \$5,000 to Water Resources Planning	16,568
7697- Assessment Fees	Annual assessments for water rights such as Greeley Loveland Irrigation Company, Colorado Big Thompson Project, Windy Gap, Water Supply and Storage Company and others must be paid or water will not reach the water treatment plants. This includes the GIC Headgates and telemetry project (est. \$45,800/year). , 2025-2034 Windy Gap Assessments , \$70,000 to Water Resources Planning 7433	5,317,009
7811- Grants-Outside Agencies	Regional collaboration, sponsorships , Budget Increase Request: 1446 - Water Department Engagement and Consulting Support	15,026
		\$ 7,204,199

High Mountain Reservoirs

421-8700-87003

GL Account	Notes	2025
7111- Regular Employees		318,251
7112- Salaries & Wages - Seasonal		40,721
7121- Overtime - Regular		8,515
7211- Disability		1,982
7212- Health		52,272
7213- Dental		1,577
7214- Vision		66
7215- Life		938
7221- General Employees		12,730
7227- 401K		6,109
7231- FICA/Social Security		21,000
7232- FICA/Social Security Seasonal		1,231
7234- Medicare		4,615
7235- Medicare Seasonal		585
7314- Office Supplies & Materials	Miscellaneous office supplies like printer ink, paper, pens, pencils etc.	5,305
7315- Small Items of Equipment \$100 - \$5,000	Miscellaneous small items of equipment/furniture like desk chairs, technology replacements, etc.	10,609
7317- Meals/Food - Non-Travel Related	Food purchased for business meetings with ag representatives.	955
7318- Medical Supplies	Medical supplies for first aid and first response for workers traveling in the Rocky Mountains. , First-aid related expenses.	2,030
7321- Chemicals	Miscellaneous chemical purchases, for example: herbicide.	318
7323- Safety And Personal Protection	safety and PPE: chainsaw protective equipment, snowshoes, ear protection, gloves, snow pants, coats, confined space equipment. , Chainsaw safety gear, snowmobile helmets, life jackets all are required in the environment the HMR personnel work in.	5,177
7325- Clothing And Uniforms	Boots, pants, etc.	1,327
7327- Gas And Fuel - External	Increases in fuel costs. , Fuel for dozers, loader, chainsaws, snowmobiles, 4x4s	7,718
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	17,875
7333- Machinery, Vehicle & Equipment Parts	Supplies for repair and maintenance of 4 pickups and 1 tandem dump truck.	10,816
7344- Building and Grounds Maintenance Supplies	Miscellaneous building supplies such as brooms, painting supplies, plumping, electrical, etc.	5,408
7346- Street & Traffic Repair and Maintenance Supplies	Supplies for repair and maintenance of non-fleet equipment including rubber tired loader, track dozer, snowmobiles, trailers, 4 wheelers, chainsaws, and other equipment and supplies.	21,632
7349- Tools - Valued >\$100 < \$5000	Tool replacements	1,082
7411- Postage Charges - Internal	Postage for miscellaneous mailings	106
7426- Outside Printing/Copies	Budget for miscellaneous outside printing services such as signs, posters, etc.	318
7433- Memberships & Dues	Membership in professional organizations that promote safety for outside workers. , Membership dues for CO lakes and reservoir organization	1,018
7435- Other Purchased Services	Miscellaneous technical services including fire mitigation work on high mountain reservoirs.	37,132

High Mountain Reservoirs**421-8700-87003**

GL Account *	Notes	2025
7441- Electric	Electrical costs for city owned cabins, houses, and farms. Budgeted by finance "based on incrs & 12mo rolling avg" NOTE: The water resources 2021 electric budget set by Finance of \$28,509 has been transferred to this budget since it is a farm expense	37,020
7442- Water/Sewer/Stormwater	Based on incrs & 12mo rolling avg	773
7445- Telephone		5,400
7446- Other Utility	Miscellaneous septic services, trash hauling, etc.	2,205
7461- Repair And Maintenance Services	Budget Increase Request: 319 - HIGH MOUNTAIN RESERVOIRS OPERATIONS (Published)	7,718
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	20,954
7466- Facilities And Grounds Maintenance Services	HMR division maintains 6 high mountain reservoirs, 3 cabins and utilizes all supplies related to the care and maintenance of said structures. *Budgeted conservatively due to location/inaccessibility of high mountain reservoirs buildings and associated high cost of repairs when needed.	14,663
7473- Meals/Per Diem		212
7478- Registration	Staff training , Registration for HMR employees to attend training in winter survival, wilderness survival, cpr, basic first aid, and confined space operations.	5,061
7633- Equipment Rentals	Equipment rental of backhoes, trenches, and other equipment to open and maintain Greeley's water rights.	11,000
		\$ 704,424

Water Conservation

421-8700-87004

GL Account*	Notes	2025
7111- Regular Employees		445,715
7112- Salaries & Wages - Seasonal		44,159
7114- Salaries & Wages - Part-Time		23,153
7211- Disability		2,774
7212- Health		72,600
7213- Dental		2,190
7214- Vision		90
7215- Life		1,312
7221- General Employees		17,828
7227- 401K		8,557
7231- FICA/Social Security		27,634
7234- Medicare		6,463
7314- Office Supplies & Materials	Office supplies (batteries, paper, envelopes, tap, printer cartridges flash drives, power strips), design supplies (\$5K). Giveaways/merch (prizes, water bottles, pens, bags, gloves, magnets, cups, etc.- \$15K) , \$5K for LILAC program ,	8,552
7315- Small Items of Equipment \$100 - \$5,000	Miscellaneous furniture , \$500 to 7411	561
7316- Computer Hardware/Software < \$5000	Miscellaneous hardware/software ,	4,376
7317- Meals/Food - Non-Travel Related	In-house water conservation committee meetings	530
7318- Medical Supplies	First aid kits for vehicles and garden ,	103
7321- Chemicals	Garden treatments, weed spray, fertilizer, bug spray, pest strips, etc. , \$300 for ColoradoWater Wise, Irrigation Association, associated landscape Colorado, Colorado Nursery and Greenhouse Association, Alliance for Water Efficiency ,	215
7323- Safety And Personal Protection	PPE for 2 seasonal, 1 part time and 4 full time	1,061
7325- Clothing And Uniforms	Water conservation shirts to ID employees , \$400 from 7435 , \$400 for ColoradoWater Wise, Irrigation Association, associated landscape Colorado, Colorado Nursery and Greenhouse Association, Alliance for Water Efficiency	1,373
7327- Gas And Fuel - External	Tours ,	158
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	1,625
7333- Machinery, Vehicle & Equipment Parts	Snowbrushes, windshield wiper fluid, wipers, etc.	108
7338- Water, Sewer, Irrigation Line Repair Parts	Irrigation line maintenance at the demo garden, CCS parking lot, and LILAC drip conversion kits. , Annual controllers, nozzles, dips systems, etc. (\$20k). Controllers for those who retrofit their irrigation. , \$10k for Demo Garden install	10,816
7344- Building and Grounds Maintenance Supplies	Supplies for the three sheds like paint, brushes, rollers, trash bags, rags, paper towel, gutters, cleaning supplies, repairs, etc.	270
7346- Street & Traffic Repair and Maintenance Supplies	Small tool maintenance (oil changes, blade sharpening, etc.) and tools repairs , \$100 for Other Purchased Services ,	160
7348- Plant Materials	Ongoing expenses for annual beds, plant replacements (\$7,500). One time project- Centennial Park Improvements (buffalo grass, natives-\$8,500). Two new gardens will be created including a crevice and rain garden (\$4,000) , \$5k to 7348 , \$5K for LILAC program , \$1K to 7411 , \$1k to 7348 , \$10K to 7338	11,224
7349- Tools - Valued >\$100 < \$5000	Garden tools-trimmers, clippers, small hand machine tools , \$300 to Other Purchased Services	241
7411- Postage Charges - Internal	Welcome packets for new customers with Water conservation information. Letters to customers. , Advertising for new programs (LILAC etc.) , \$500 to 7411 , \$1,500 to 7411	5,652
7412- Mailing/Delivery Services - External	Postcard and letter stamps, mailing packages,	1,591
7418- Advertising	LILAC Advertising , Events (Forms, Symposium, conferences sponsors \$6k), Radio/TV (\$20K), Print & social (Newspaper, magazine, newsletters, etc.- \$5K) , \$5k to 7348 ,	36,050

Water Conservation

421-8700-87004

GL Account *	Notes	2025
7426- Outside Printing/Copies	Signs for LILAC , Signs (lawn signs like life after lawn, garden plant ID, etc.- \$2.5k), bill inserts (drought, water restrictions, etc. \$5K), brochures, postcards, flyers (WC menu, water buget, lecture series,etc.\$2.5K), business cards, etc.	12,139
7432- Publications & Subscriptions	CoCoRaHS (\$2k), Western Water, Colorado Water Wise (\$2K)	4,244
7433- Memberships & Dues	AWWA, WeCO (\$3k), ColoradoWater Wise (\$2k), Irrigation Association, associated landscape Colorado, Colorado Nursery and Greenhouse Association (\$1K) etc. , \$400 for ColoradoWater Wise, Irrigation Association, associated landscape Colorado, Colorado Nursery and Greenhouse Association, Alliance for Water Efficiency , \$300 ColoradoWater Wise, Irrigation Association, associated landscape Colorado, Colorado Nursery and Greenhouse Association, Alliance for Water Efficiency	3,883
7435- Other Purchased Services	Translations- Landscape classes and Life After Lawn course, brochures, letters (English to Spanish. etc.) (\$10k); Irrigation trainings for regional efforts (\$10K); Garden upgrades and direct installs of plant and irrigation (\$40.5K); LILAC program (\$25K) and direct toilet install program (\$25K) Note- other funds were moved to support all the above programs. , \$600 for 7474 , \$5K to 7418 , \$500 to Other Purchased Services , \$400 for 7325 , \$300 to Other Purchased Services , \$2k to Other Purchased Services , \$2K for 7478 , \$2,400 to Other Purchased Services , \$1k to Other Purchased Services	74,100
7461- Repair And Maintenance Services	Tool and small equipment repairs for blowers, snow blower, lawn mower, etc. Car washes, flat tire repairs , \$300 to Other Purchased Services	251
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	7,742
7463- Maintenance Agreements	Drop Box (\$150), Abobe Pro (\$250 per person X 3= \$750); Irrigation App (\$1,000). WaterSmart customer portal is paid from IT beginning in 2022. , \$1,500 to 7435	768
7466- Facilities And Grounds Maintenance Services	Annual garden clean-up by 3rd party contractors (\$2,000); Irrigation Repairs (\$1K)	551
7472- Hotel and Motel	4FTE and 1 part time employee \$650 per employee for training, conferences, professional development of their choice. These include but not limited to: QWEL training (Castle Rock, ProGreen-Denver, Landscape tour (Colorado Springs) etc.	3,395
7473- Meals/Per Diem	Over night travel (\$70/day x 4 people x 9 days) + Day trips (\$35/day x 4 people x 10 days) , Budget Increase Request: 1452 - Water and Sewer Professional Development	6,274
7474- Air Travel	1 flight for 2-4 people (\$500-\$1000 x 2). 2-4 people for air travel/per year for professional development or conference. Staff as asked to present nationally on conservation topics. , \$600 from 7435 , \$500 to Other Purchased Services	2,222
7475- Mileage	Personal vehicle , \$1k to 7348	3,244
7477- Other Travel	Parking, Taxi, bus etc (\$1k) and Bus rental for tour (teachers-\$2K) , \$2k to Other Purchased Services	1,183
7478- Registration	Webinars, AWWA Water Conference (\$435/person), Poudre River Forum (\$75/person), Colorado WaterWise (\$150/each person), Water Smart Innovation (\$425/person) ProGreen Expo (\$230), Irrigation and landscape certification QWEL-(\$150/person). Staff provide notification to manager for which even to attend. Staff include 6 FTE & 2 seasonal. , Budget Increase Request: 1452 - Water and Sewer Professional Development , \$5k to 7348 , \$2000 from 7435	10,048

Water Conservation**421-8700-87004**

GL Account *	Notes	2025
7633- Equipment Rentals	Seasonal handwashing station and porta potty for the garden (\$250/month for 7 months) , \$1k to Other Purchased Services	750
7693- Rebates	Customer rebate amount increased to match inflation, acquisition of North Weld customers, and to support landscape certifications. , Commerical fixtures (\$20K), toilets (\$10K), irrigation (controllers, pressure reducing valves, nozzles \$20k) Water conservation specialist II position will focus on commercial, industrial and institutional audits. Increase outreach and rebates needs. , AWWA, WeCO (\$3k), ColoradoWater Wise (\$2k), Irrigation Association, associated landscape Colorado, Colorado Nursery and Greenhouse Association (\$1K) etc.	75,000
7811- Grants-Outside Agencies	Incentives for more xeric demo gardens in public places; public water conservation retrofits (10K); host a front yard xeriscape makeover contest (\$8K); align water conservation techniques with City projects. , \$15k to Other Purchased Services ,	2,500
		\$ 945,435

Non-Potable Operations
421-8700-86005

GL Account*	Notes	2025
7111- Regular Employees		354,804
7112- Salaries & Wages - Seasonal		22,778
7121- Overtime - Regular		11,253
7211- Disability		2,245
7212- Health		72,600
7213- Dental		2,190
7214- Vision		90
7215- Life		1,059
7221- General Employees		14,193
7227- 401K		6,973
7231- FICA/Social Security		21,998
7232- FICA/Social Security Seasonal		1,421
7234- Medicare		5,145
7235- Medicare Seasonal		350
7314- Office Supplies & Materials	Batteries, keys, calendars,Kerosene,propane,HH radios,other misc items under \$100.00.	1,591
7315- Small Items of Equipment \$100 - \$5,000	office chair. portable welder trailer, lawn mower, portable generator, portable air compressor, ,	7,539
7316- Computer Hardware/Software < \$5000		1,134
7317- Meals/Food - Non-Travel Related	This is a new account for 2022. When our crew works through lunch or overtime and we need to furnish a meal occasionally.	530
7318- Medical Supplies	Vehicle first aid kits, office first aid kits	530
7321- Chemicals	Cost for algae control chemicals, copper sulphate used at 39 pumping stations and poudre ponds and the 5 ditch's we maintain. also covers cost incurred for landscaping and pest control at 39 non-potable stations and at the gravel pit.	1,910
7323- Safety And Personal Protection	VP - 2023 budget adjustment	3,713
7325- Clothing And Uniforms	light coveralls, safety gloves, first aid kits, safety vests, rubber boots, ear protection, rain gear, sun screen, Winter coveralls. Safety boots, hats	5,941
7327- Gas And Fuel - External	Kerosene and propane for Hotsy and burning ditches	206
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	22,100
7333- Machinery, Vehicle & Equipment Parts	Maintenance supplies for six vehicles, two tractors and two chain saws, 1 chop saw, 2 generators and pumps. 1 hotsy includes: spark plugs, air filters, drive belts, diaphragms, weed eater string, mower blades, hydraulic hoses and lubricants and all vehicle maintenance equipment needs to perform throughout the year. Additional vehicle and equipment with expanded non-potable assets.	4,867
7338- Water, Sewer, Irrigation Line Repair Parts	Repairs to pump stations not covered by service contracts such as pumps that we replace or rebuild in house, filters, pressure regulating valves, hoses and chemical feeders. Repairs to sprinkler systems. All necessary materials needed to make repairs to systems piping infrastructures, mechanical joint coupler, etc. , \$3k to building and grounds maintenance	6,734
7344- Building and Grounds Maintenance Supplies	Spraying the exterior of pump stations with a protective concrete sealer and graffiti protectant. also small hand tools, shovels, rakes, pitch forks and janitorial supplies. Non-potable is now responsible for Parks non-potable assets which doubled the amount of maintenance needed. , \$3k to building and grounds maintenance	11,653
7346- Street & Traffic Repair and Maintenance Supplies	asphalt repair, concrete repair, signs and sign posts. Sand Gravel, Dirt, Small tools under \$100.	1,622
7348- Plant Materials	grass seed, replacement shrubs and trees	541
7349- Tools - Valued >\$100 < \$5000	hand tools for employees	1,406
7411- Postage Charges - Internal	Miscellaneous mailings	106
7424- In-House Copying (503-4471)		1,591
7426- Outside Printing/Copies		106
7433- Memberships & Dues		530

Non-Potable Operations**421-8700-86005**

GL Account *	Notes	2025
7435- Other Purchased Services	Proportional cost for utility locating request. The utility notification center of Colorado currently charges \$1.61 per request. Engineering and survey work needed for projects.	13,792
7441- Electric	Based on incrs & 12mo rolling avg , \$22,000 in annual electricity use each for two pump stations.	425,796
7442- Water/Sewer/Stormwater	Based on incrs & 12mo rolling avg	1,308
7444- Natural Gas	Based on incrs & 12mo rolling avg	2,268
7445- Telephone		3,200
7446- Other Utility	Based on incrs & 12mo rolling avg	1,654
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	39,828
7463- Maintenance Agreements	Contract to repair pumps and programmable logic controllers at all 38 pump stations, also to cover asphalt repair costs. Added 20 Parks sites.	5,958
7466- Facilities And Grounds Maintenance Services		2,756
7473- Meals/Per Diem	sending 4 people to syncroflo and Amiad training	530
7478- Registration	Three FTE's to pump and filter training classes.	5,305
7631- Rent	rent for 2022-2025 lease of non-pot facility , Annual lease on shop and gas detectors used for confined space entry.	83,946
		\$ 1,177,790

Water Resources Planning
421-8700-87007

GL Account *	Notes	2025
7111- Regular Employees		332,552
7112- Salaries & Wages - Seasonal		22,880
7211- Disability		2,042
7212- Health		43,560
7213- Dental		1,314
7214- Vision		54
7215- Life		969
7221- General Employees		13,301
7227- 401K		6,385
7231- FICA/Social Security		20,618
7232- FICA/Social Security Seasonal		1,419
7234- Medicare		4,821
7235- Medicare Seasonal		332
7314- Office Supplies & Materials	\$500 from Water Resources	515
7315- Small Items of Equipment \$100 - \$5,000	\$500 from Water Resources	1,015
7316- Computer Hardware/Software < \$5000		500
7317- Meals/Food - Non-Travel Related		300
7318- Medical Supplies	Medical supplies for employees travel to remove sites.	250
7323- Safety And Personal Protection	Safety and PPE for employees traveling to remove sites.	830
7325- Clothing And Uniforms	\$400 from Water Resources	412
7333- Machinery, Vehicle & Equipment Parts	Additional vehicle maintenance parts needed from travel to remote sites.	2,000
7433- Memberships & Dues	\$50K for CPRW and \$20k for BTWC for contractually obligated reserved seats at fundraisers.	72,100
7435- Other Purchased Services	\$55,000 for operation and maintenance of the Greeley System Model; \$40,000 for monitoring of the NISP and Halligan projects.	95,000
7472- Hotel and Motel	\$900 from Water Resources	927
7474- Air Travel	1 employee per year to a professional conference in water resources planning out of state. , \$900 from Water Resources	1,077
7475- Mileage	\$900 from Water Resources	927
7478- Registration	3 employees per year to professional conferences in water resources planning and Colorado water supplies and resources. , \$5,000 from Water Resources ,	6,275
7811- Grants-Outside Agencies	\$10,000 for Colorado Airborne Snowpack Observation flights.	10,000
		\$ 642,375

Bellvue Filter Plant
421-8600-87002

GL Account	Notes	2025
7111- Regular Employees		1,165,664
7112- Salaries & Wages - Seasonal		14,310
7114- Salaries & Wages - Part-Time		29,926
7121- Overtime - Regular		12,903
7211- Disability		6,806
7212- Health		180,048
7213- Dental		5,431
7214- Vision		223
7215- Life		3,216
7221- General Employees		43,659
7227- 401K		19,316
7231- FICA/Social Security		67,675
7232- FICA/Social Security Seasonal		3,789
7234- Medicare		15,828
7235- Medicare Seasonal		930
7314- Office Supplies & Materials	Copier paper, legal pads, pens/pencils/markers, dry erase supplies, batteries, flash drives, gift certificates, etc. ,	7,725
7315- Small Items of Equipment \$100 - \$5,000	TB1 lockers, Chem building maintenance office replacment of counter and cabinets. New fixtures in baths in chem building. , Consumables for mass spec lab ,	83,761
7316- Computer Hardware/Software < \$5000	Miscellaneous Hardware/Software	11,342
7317- Meals/Food - Non-Travel Related	Staff team building/safety/training meals.	1,061
7318- Medical Supplies	First aid supplies and other medical supplies.	1,591
7321- Chemicals	Chemicals used in water treatment such as alum, polymer feeds, fluoride, CL2 NAOH. , \$500,000 for Water Treatment Chemicals at Bellvue WTP	1,557,810
7323- Safety And Personal Protection	Budgeting for 8 team members, \$500 per employee. , 3 new employees in 2023	6,180
7325- Clothing And Uniforms	Clothing & Uniforms for Employees	6,790
7327- Gas And Fuel - External	External Gas & Fuel	16,538
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	5,525
7333- Machinery, Vehicle & Equipment Parts	Parts for fleet vehicles and equipment.	43,264
7338- Water, Sewer, Irrigation Line Repair Parts	Septic supplies, hoses and backflow parts.	3,245
7344- Building and Grounds Maintenance Supplies	Rebuild cop kits in pulsafeders and Vogelsang rebuilds, TB1 air filters for HVAC.	48,672
7346- Street & Traffic Repair and Maintenance Supplies	Need to chip seal and/or crack-seal the road into the plant (1/2 mile). Work to be scheduled for 2021 and 2022.	7,139
7348- Plant Materials	Fertilizer, grass seed, top soil	541
7349- Tools - Valued >\$100 < \$5000	Miscellaneous tool purchases	1,082
7411- Postage Charges - Internal		530
7418- Advertising	2 ads in AWWA (\$500/each)	1,061
7424- In-House Copying (503-4471)		424
7432- Publications & Subscriptions	Technical manuals ands publications for plant operators	1,061
7433- Memberships & Dues	50% of AWWA PFSW	530
7435- Other Purchased Services	Sludge hauling/testing. Outside Lab services.	190,962
7436- Certifications	\$500/employee training and certifications for 8 employees; \$1500 for five new employees	5,835
7441- Electric		208,991
7444- Natural Gas	Based on incrs & 12mo rolling avg	34,025
7445- Telephone		4,200
7446- Other Utility	Trash and recycling services	2,756
7461- Repair And Maintenance Services	Sulair compressor maintenance, Cummins rocky moutain genset service, Timberline electric HMI program SCADA updates. Occasional HVAC service needed.	22,050
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	15,747

Bellvue Filter Plant**421-8600-87002**

GL Account *	Notes	2025
7463- Maintenance Agreements	Increased security equipment costs and upgrade to Chlorine storage room needed. Need to replace 2 analog security cameras and alarm system for all campus and new TB1. We did not add hatch alarms to remote hatches in 2020. Need carryover into 2022. Fire inspection services annual inspection.	17,013
7466- Facilities And Grounds Maintenance Services	Road base for continued facility access (raw ponds), 46-53 building needs 2 windows replaced. The 58-64 building needs 1 window replaced. We have been billing weed spray to 7321, is roughly \$1000 a year. Power vents on 60 BV control valve vault, Finished water meter vault, Pond Inlet structure	3,859
7472- Hotel and Motel		1,030
7473- Meals/Per Diem		530
7475- Mileage		1,061
7477- Other Travel		106
7478- Registration	Training for 8 employees	5,835
7631- Rent	Tent, chair and table rentals for summer tours	3,000
7633- Equipment Rentals		500
		\$ 3,893,096

Boyd Lake Filter Plant
421-8600-87005

GL Account	Notes	2025
7111- Regular Employees		656,928
7112- Salaries & Wages - Seasonal		53,505
7121- Overtime - Regular		31,833
7211- Disability		4,079
7212- Health		101,640
7213- Dental		3,066
7214- Vision		126
7215- Life		1,930
7221- General Employees		26,275
7227- 401K		11,258
7231- FICA/Social Security		40,729
7232- FICA/Social Security Seasonal		4,008
7234- Medicare		9,526
7235- Medicare Seasonal		984
7314- Office Supplies & Materials	Purchasing coffee and supplies at plant, increase of maintenance items and grease, cleaning supplies and other related items.	9,283
7315- Small Items of Equipment \$100 - \$5,000	Replacement of ground maintenance equipment, sump pumps, power tools, shop equipment and tools. Power equipment for yard maintenance and a boat motor 25hp.	9,018
7316- Computer Hardware/Software < \$5000	CPU hardware. Equipment for City works implementation(2 tablets and 2 laptops) , \$325 to electric	5,346
7317- Meals/Food - Non-Travel Related	Working meetings , In-house training , \$30 to electric	1,031
7321- Chemicals	Water Treatment chemicals , Budget Increase Request: 306 - BOYD SODIUM HYPOCHLORITE (Published)	1,153,661
7323- Safety And Personal Protection	Safety training and equipment, Steel toe boots, chemical suits and other. New fall protection and Air quality monitoring equipment parts and calibrations (Safety Training classes) , \$867 to electric	10,326
7325- Clothing And Uniforms	\$400/employee/year/ = pants, shirts, boots , gloves, hat, light jacket. Winter coat as needed.) For 10 staff members	6,365
7327- Gas And Fuel - External	\$2500 for Fuel for loader/tractor and dewatering system	2,756
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	4,550
7333- Machinery, Vehicle & Equipment Parts	Machinery, vehicles and equipment parts (includes bearings and other repair parts for chemical feeders and instruments. small repair parts for city vehicle maintenance not performed in Greeley.) Adjusted to reflect actual expenses and needs.	9,194
7338- Water, Sewer, Irrigation Line Repair Parts	Need to replace part of the irrigation system.	1,082
7344- Building and Grounds Maintenance Supplies	General maintenance supplies includes pipe fittings, electrical parts, cleaners, paints, and other supplies used in maintaining the buildings and grounds. Small increase to catch up from backlog of needed supplies. Adjusted to reflect actual expenses and needs. , \$600 to electric	15,000
7348- Plant Materials		541
7349- Tools - Valued >\$100 < \$5000	\$2500 for needed tools / power and pneumatic tools	2,704
7362- Trackable Equipment For Replacement < \$5000	\$5000 for replacement pumps / field equipment	5,408
7411- Postage Charges - Internal		530
7412- Mailing/Delivery Services - External		1,061
7418- Advertising	Job advertisements	530
7424- In-House Copying (503-4471)	Includes Boyd copier rental	530
7432- Publications & Subscriptions	Water treatment books and study/training material	530
7433- Memberships & Dues	\$45 to electric , \$1500 for AWWA Partnership and AWWA Memberships for staff	1,546
7435- Other Purchased Services	Water Treatment Residuals removal cost and testing of the residuals due to new regulations by the CDPHE. Also testing for water quality needs T&O. , \$7,645 to Other Purchased Services	143,971

Boyd Lake Filter Plant
421-8600-87005

GL Account *	Notes	2025
7441- Electric	Budgeted by Finance "based on incrs & 12mo rolling avg" , \$867 to electric , \$600 to electric , \$6,899 to electric , \$45 to electric , \$325 to electric , \$30 to electric	309,723
7442- Water/Sewer/Stormwater	Sewer service to the City of Loveland 3% increase (Added \$10000.00 to purchase water if needed)...Budgeted by Finance "based on incrs & 12mo rolling avg"	4,422
7445- Telephone		2,500
7446- Other Utility	trash service increase in price	2,205
7461- Repair And Maintenance Services	This account is used for pump, motor and valve rebuilding and other major repairs to plant machinery performed by outside vendors.	3,859
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	26,289
7466- Facilities And Grounds Maintenance Services	Need to replace window blinds all over the facility. , \$7500 for cleaning supplies / yard / plant maintenance	9,372
7472- Hotel and Motel	Budget Increase Request: 1452 - Water and Sewer Professional Development	1,000
7473- Meals/Per Diem	Approximately 14 days of per diem. More meetings planned for plant and attendees. Moved \$600 from 7478 for conference.	717
7474- Air Travel	Budget Increase Request: 1452 - Water and Sewer Professional Development	500
7475- Mileage	Staff to attend trainings . Moved \$500 from 7478 for RMSAWWA conference.	849
7478- Registration	Budget Increase Request: 1452 - Water and Sewer Professional Development , 3 persons to the 5 day "Boulder" operator's training @ \$500.00 each; 8 people @ \$700.00 each to attend short courses and seminars for updating skills and attaining CEU's needed for renewal of their operator certificates. send one person to the RMSAWWA annual conference. \$2000. Moved \$1700 to other accounts for conference(\$600 to 7472 lodging)(\$ 600 to 7473 food)& (\$500 to 7475 travel).	5,244
7631- Rent	Increase to reflect rental of tents, chairs, tables for summer tours.	3,000
		\$ 2,697,530

Water Quality Program
421-8600-87006

GL Account	Notes	2025
7111- Regular Employees		332,425
7112- Salaries & Wages - Seasonal		44,241
7211- Disability		2,080
7212- Health		58,080
7213- Dental		1,752
7214- Vision		72
7215- Life		982
7221- General Employees		13,298
7227- 401K		7,028
7231- FICA/Social Security		20,610
7232- FICA/Social Security Seasonal		2,729
7234- Medicare		4,819
7235- Medicare Seasonal		639
7314- Office Supplies & Materials	Miscellaneous supplies such as sampling bottles, garbage bags for spills, ice bags, bac-T bottles. , Budget Increase Request: 1571 - Water Quality Technician (2 Year) ,	5,505
7315- Small Items of Equipment \$100 - \$5,000	As needed equipment , \$6k for desktop centrifuge, van dorn sampler, filter equipment, vacuum pump	7,061
7316- Computer Hardware/Software < \$5000	Budget Increase Request: 1571 - Water Quality Technician (2 Year)	1,000
7317- Meals/Food - Non-Travel Related	Food purchases for meetings, lunches with colleagues, trainings , \$1k for trainings, lunch meetings, lead protection appreciation	1,530
7318- Medical Supplies	Refilling first Aid Kit	106
7321- Chemicals	Purchasing of reagents/kits for colorimeter, calibration standards for field probe. , \$2,000 to purchase more Kemio Heavy Metals tests for customer requested water sampling and exploratory monitoring. , \$12k for water analysis	15,121
7323- Safety And Personal Protection	Replacement of steel toe boots, reflective vest, hard hat, safety glasses, gloves (leather and nitrile)	955
7325- Clothing And Uniforms	Replacement of WQRC sampling gear (Muck Boots, Waders, Raincoat, backpack, warm jackets, warm pants, sampling gloves,) (\$800 per FTE plus \$400 per seasonal). , Budget Increase Request: 1571 - Water Quality Technician (2 Year) ,	2,472
7349- Tools - Valued >\$100 < \$5000	miscellaneous tool as needed by staff	1,082
7411- Postage Charges - Internal	For certified letters to state, EPA, customers	22
7412- Mailing/Delivery Services - External	Fed Ex samples to lab in coolers, mailing Annual Reports to CDPHE , \$8k for sample cooler delivery, annual LCRR letters and PN contingency. , \$1,000 for shipping quarterly UCMR5 samples to the EPA; \$1,000 for billing inserts to support lead service line inventory development and customer outreach.	11,121
7415- Legal	Provide outside assistance on regulatory matters when in-house counsel is needed and unavailable , \$34,100 moving to support water quality monitoring efforts	10,000
7418- Advertising	Advertising for new employees. Legal ads & notices. , \$2,300 to support education and outreach to customers for LCRR and encourage participating in the service line material survey. , \$1k advertising for LCRR and CCR	3,581
7426- Outside Printing/Copies	Chain of custody forms, sample bottle labels. Tier I, II, III printing. Budgeting for 2 bill stuffers for violations at 2,700 each. Possible printing of the Annual CCR.	13,580
7432- Publications & Subscriptions	Purchase of technical manuals , \$500 AWWA Webinars, Doodle Pro Subscription and Source Water Manual	1,561
7433- Memberships & Dues	ABCEP, Envirocert, Cert Arborist, WWTP Level D, C & D level 1. misc.	3,183

Water Quality Program
421-8600-87006

GL Account *	Notes	2025
7435- Other Purchased Services	Professional services costs for WQ related to sampling and laboratory services, NISP and Upper Poudre activities, etc. See separate 7435 tracking spreadsheet for full details. , Budget Increase Request: 318 - WATER QUALITY OPERATIONS (Published) , \$5,000 for lab expenses for sample analysis with the Upper Cache La Poudre and Contaminants of emerging Concern Monitoring Progrmas. \$9,000 for LCR monitoring analysis with Weld County Health Department. \$12,000 for annual UCMR5 monitoring as required by EPA.	564,656
7436- Certifications	Certification TUs for 2.0 FTE	1,485
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	8,804
7472- Hotel and Motel	Water Quality Forum Annual Conference, RMSAWWA Annual Conference and other regulatory conference such as RCA or clean water act education. Approx. \$1,400 per full FTE) , \$500 for annual conferences	3,471
7473- Meals/Per Diem	per diem meal based on 10 days - use \$65/day in 2021 and \$70/day in 2022 , \$500 for meals/per diem	1,243
7474- Air Travel	Roundtrip airfare to conferences (2 out of state trips - 500 per trip) , \$400 for air travel	1,461
7475- Mileage	Mileage (personal vehicle) to attend various conferences and forums on river health, water quality, adaptive practices, OSHA, and field sampling quality control and techniques. 56 cents per mile. , \$200 to cover mileage reimbursements	730
7477- Other Travel	Parking fees and shuttle fees associated with conferences, uber, car rental	1,061
7478- Registration	Registration for conferences, training events, classes for CEU's and operator certifications. , \$3k for RMSAWWA, Action-Now, AWWAWQT, etc. ,	5,746
7633- Equipment Rentals	PID, 4-gas meter, maybe	100
7811- Grants-Outside Agencies	Funds to support relevant research efforts that are of benefit to regulatory compliance and watershed protection programs.	1,000
		\$ 1,156,392



Fund 411

**Sewer Operating and
Maintenance**

2025 Water and Sewer Budget
411 Sewer Operating
Prepared July 2024

	% of Total 2025 Budget	\$ 2024 Budget	\$ 2025 Budget	% Change
Engineering	7%	675,490	653,776	-3%
Sewer Administration	4%	393,858	409,772	4%
Computer/Phone User Chrgs	5%	319,569	448,769	40% <i>adjustments to software billing</i>
Liability Insurance	4%	380,868	392,294	3%
General Management:	20%	1,769,785	1,904,611	8%
WTRF Administration	6%	556,099	565,392	2%
Laboratory	5%	434,886	448,320	3%
Maintenance	12%	1,055,120	1,139,601	8%
Operations	31%	2,856,664	2,936,281	3%
Industrial Pretreatment	5%	423,252	435,596	3%
Wastewater Treatment:	58%	5,326,021	5,525,190	4%
Sewer Collection	21%	1,946,429	1,999,474	3%
Sewer Instruments and Controls	1%	85,447	89,184	4%
Wastewater Collection:	22%	2,031,876	2,088,658	3%
Contingency Funds	1%	94,200	100,000	
Total Sewer Operating:		9,127,682	9,518,459	4%

Sewer Administration
411-8010-10000

GL Account	Notes	2025
7111- Regular Employees		141,352
7211- Disability		851
7212- Health		11,616
7213- Dental		351
7214- Vision		15
7215- Life		407
7221- General Employees		5,654
7227- 401K		2,714
7231- FICA/Social Security		8,764
7234- Medicare		2,049
7314- Office Supplies & Materials		106
7316- Computer Hardware/Software < \$5000	Trackit Licenses (Ongoing Addition from Sewer Sundry) 411100010300/7435	12,350
7411- Postage Charges - Internal		106
7432- Publications & Subscriptions		530
7435- Other Purchased Services	Professional services related to rate model development & Financial External Audit (annual, currently Anton Collins Mitchell LLP) , \$8,000 for leadership training , \$5k for telephone increase	21,280
7445- Telephone	Centralized Sewer Telephone Expenses , \$5k for telephone increase , Budget Increase Request: 1436 - Wastewater Collections Crew Supervisor I ,	55,587
7472- Hotel and Motel	Budget Increase Request: 1452 - Water and Sewer Professional Development	1,000
7478- Registration	Budget Increase Request: 1452 - Water and Sewer Professional Development , AWWA compliance refresher courses	2,061
7655- Bank/Investment Charges	Charges from utility billing customer online payments	100,000
9521- Information Technology Fund	Sewer's Sprypoint contribution	42,979
		\$ 409,772

Sewer Engineering
411-8010-80001

GL Account*	Notes	2025
7111- Regular Employees		500,878
7211- Disability		3,032
7212- Health		49,368
7213- Dental		1,489
7214- Vision		61
7215- Life		1,448
7221- General Employees		20,034
7227- 401K		9,618
7231- FICA/Social Security		31,056
7234- Medicare		7,265
7314- Office Supplies & Materials		106
7315- Small Items of Equipment \$100 - \$5,000		530
7317- Meals/Food - Non-Travel Related		530
7325- Clothing And Uniforms	PPE budget transfer \$93 to 7325 going forward	711
7333- Machinery, Vehicle & Equipment Parts		598
7418- Advertising		106
7432- Publications & Subscriptions	Memberships for NFRWQPA, WEFF UPP and American Society of Civil Engineers ,	1,728
7433- Memberships & Dues	\$250 per engineering for professional memberships and training opportunities. ,	900
7435- Other Purchased Services	VP - software for modeling and project development. , Licensing costs for AutoCAD and InfoSWMM	13,261
7472- Hotel and Motel	\$1,000 per engineer for training and professional development. ,	4,151
7473- Meals/Per Diem	\$500 per engineer for training and professional development ,	2,091
7474- Air Travel	\$400 per engineer for training and professional development ,	1,648
7475- Mileage	\$250 per engineer for training and professional development. ,	1,045
7478- Registration	VP - Training and professional development for professional engineers. The annual plan is developed in consultation with the engineers and chief engineer.	2,122
		\$ 653,776

WTRF Administration
411-8100-10000

GL Account *	Notes	2025
7111- Regular Employees		299,807
7112- Salaries & Wages - Seasonal		17,459
7121- Overtime - Regular		6,082
7211- Disability		1,851
7212- Health		43,560
7213- Dental		1,314
7214- Vision		54
7215- Life		878
7221- General Employees		11,991
7227- 401K		5,756
7231- FICA/Social Security		18,588
7232- FICA/Social Security Seasonal		909
7234- Medicare		4,346
7235- Medicare Seasonal		224
7314- Office Supplies & Materials	Small batteries, brushes, name tags, rubber stamps, calculators, annual planners and calendars, flash drives, food items for necessary meetings, employee recognition awards. Increased costs also due to an anticipated increase in employee retirement celebrations.	7,775
7315- Small Items of Equipment \$100 - \$5,000	2 office monitors; Two new office chair. Each year, one replacement computer, \$900.	2,652
7316- Computer Hardware/Software < \$5000	New accounts for HACH (\$1,900 annually) and BIOWIN (\$2,500 annually) software maintenance agreements for plant usage and data tracking. , Boom mic and new speakers for conference space	7,939
7317- Meals/Food - Non-Travel Related	Retirement lunches, Appreciation lunches, and Training meals	3,183
7318- Medical Supplies	first aid kits	1,061
7323- Safety And Personal Protection	Boots, PPE, Safety glasses	1,061
7325- Clothing And Uniforms	Budget Increase Request: 321 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) ADMINISTRATION (Published) , 20 uniformed employees @ \$800 allotment for jeans, shirts, jackets, sweatshirts, coveralls, etc. Increased budget due to under budgeting and higher clothing costs. Amount per employee increased to align with other departments in Water and Sewer.	16,975
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	650
7344- Building and Grounds Maintenance Supplies	Miscellaneous supplies for admin. staff.	1,082
7349- Tools - Valued >\$100 < \$5000	Tool kits for admin building	541
7411- Postage Charges - Internal	For certified letters to state, EPA, customers.	106
7412- Mailing/Delivery Services - External	For certified letters to state, EPA, customers.	318
7418- Advertising	Advertising for new employees. Legal ads & notices.	424
7424- In-House Copying (503-4471)	Canon ID #404-a copy machine annual costs.	3,501
7426- Outside Printing/Copies	Award nomination packages' printing costs/materials; misc. admin. printing costs. New replacement pamphlets, DVD's, brochures, display boards, etc. for public education & outreach program for each year.	530
7432- Publications & Subscriptions	Scientific journals, other training materials as needed	1,061
7433- Memberships & Dues	Four Major memberships currently: NFRWQPA - \$14,500 in 2023 (Expected increase to roughly \$18,000 in 2024), CWWUC - \$1,725 in 2023 (Expected increase, unknown for 2024), CMF - \$4923.83, and NACWA - \$8385 (Possible increase to \$12,000 if service area population increase is put in) Pulling from a number of Accounts to increase (7435, 7472, 7473, 7474). Outcomes from Memberships and dues correlate to high level interactions with other water and wastewater community members. Participation in many of these groups allows us to work together to achieve desired State level outcomes, or to better understand how we can achieve better results as a whole. , \$1,061 to multiple increases to association dues coming ,	35,051

WTRF Administration

411-8100-10000

GL Account *	Notes	2025
7435- Other Purchased Services	Outside services to assist with employee refresher training requirements for Stormwater/spill prevention, and for troubleshooting emergency situations when in-house City staff is unable to resolve a problem. TMMI annual software maintenance agreement for plant-wide SCADA computer system, Specter Instruments 911 alarm paging system software maintenance; Allen-Bradley (Rexel) software maintenance agreement, HACH WIMS annual software maintenance agreement with one additional license each year. Increase is due to need for Hach software maintenance agreement and additional clients (licenses) for the WIMS database. Tennative Cityworks fees 2021- 2022: Colorado Discharge Permit System (CDPS) anticipated new annual permit fee \$28,000; Colorado Stormwater discharge annual permit fee \$200; state certified truck scale annual fee \$300; Colorado Dept. of Public Health & Environment (CDPHE) air permit annual fee \$750; CDPHE air pollution emission notification update fees for WPCF \$500; UPS mail service charges \$100. ,	42,605
7436- Certifications	\$500 for plant staff certificates	500
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	1,600
7463- Maintenance Agreements	Hach WIMS software internally to track, enter, and pull SCADA data for compliance monitoring and reporting. This comes with a yearly service agreement for support (\$1,047), a certain number of clients (5 clients currently at \$248 ea = \$1240), and interface support to assist with data pulling (\$716) that are all associated with our license each year. If this is preferred to be in the Computer Hardware/Software account, then we would like to bump that account up by this amount.	3,296
7466- Facilities And Grounds Maintenance Services	Costs for general maintenance of Admin bldg. such as carpet cleaning. Facilities cost estimate provided in 2019. , \$1,500 to rebalance other accounts	1,808
7472- Hotel and Motel	One out of state WEF conference per year for Plant Superintendent and alternating out of state conferences for Admin/Process Analyst staff. ,	4,275
7473- Meals/Per Diem	GSA per diem x 3 days @ RMWEA/RMSAWWA 2021 Annual Conference at Keystone, CO; WEFTEC 2021 Chicago, IL and WEFTEC 2022 New Orleans, LA respectively. NACWA annual conference ,	1,607
7474- Air Travel	Roundtrip airfare to WEFTEC 2021 Chicago, IL, and WEFTEC 2022 New Orleans, LA. Misc. air travel for equipment/process site visits per Master Plan recommendations. NACWA annual conference. ,	1,607
7475- Mileage	Mileage to attend RMWEA/RMSAWWA Annual Conferences and bio solids conferences. Travel to and from Denver (for airport parking) for WEFTEC Conferences. Annual Denver seminars.	530
7477- Other Travel	WEFTEC New Orleans in 2022. Parking fee (2 vehicles) at DIA when attending both WEFTEC Conferences. Taxi fees at conferences. Parking fees for science fair judges at annual Colorado Science & Engineering Fair (CSEF) at CSU.	530
7478- Registration	For Supt. and Process Analyst-Professional Wastewater Operator's (PWO) classes; RMWEA Annual Conference , Loveland, CO; WEFTEC Conference, Chicago, IL; RMWEA Denver, CO Bio solids Conference; Three classes for Admin.Specialist. Professional Wastewater Operator's (PWO) classes; RMWEA Annual Conference, Denver, CO; RMWEA Denver, CO Bio solids Conference; WEFTEC Conference, New Orleans, LA. NACWA annual conference , \$1k to facilitate career pathways and progression training and registrations	6,305
7811- Grants-Outside Agencies	Budget Increase Request: 321 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) ADMINISTRATION (Published)	4,000
		\$ 565,392

WTRF Operations
411-8100-10010

GL Account *	Notes	2025
7111- Regular Employees		715,342
7121- Overtime - Regular		10,241
7211- Disability		4,362
7212- Health		116,160
7213- Dental		3,504
7214- Vision		144
7215- Life		2,060
7221- General Employees		27,954
7227- 401K		13,420
7231- FICA/Social Security		43,332
7234- Medicare		10,136
7314- Office Supplies & Materials	Pens, pencils, binders, folders, etc. for operations. Batteries, keys, flow chart recorder paper and pens, sludge core-takers,	3,024
7315- Small Items of Equipment \$100 - \$5,000	Replacement of office furniture past its useful life, upgrades to outdated lab equipment (sample refridgerator, TSS apparatus, ph probes, colorimeter, etc).	19,786
7316- Computer Hardware/Software < \$5000	one new additional laptop, one replacement computer, software (BlueBeam)	5,105
7317- Meals/Food - Non-Travel Related	Increase due to more in-house lunch trainings (Lunch and learn) and working lunches.	2,122
7318- Medical Supplies	Needed for updating and creating new first aid kits and supplies.	530
7321- Chemicals	Polymer for dewatering and the new PW Tech volute thickeners. pH buffer, sulfuric acid, reagents, Sampler pump tubing peristaltic, intake tubing, disinfection backup chemicals chlorine, sulfur dioxide, soda ash, caustic soda beads, bio augmentation novozymes bio remove 5805, polymer cleaner, H2S gas measurement tubes, microscope stains, sodium bicarbonate for alkalinity, Ferric chloride. defoamer for dry polymer, lab glassware, pipettes, micronutrients for anammox treatment process. PAX chemical addition for filament control. Hach bench testing process control lab supplies for the DEMON process. Added 5% annually to overall budget to account for polymer increases in cost, shipping, and usage. Adding \$100k, \$150K respectively for increased usage of FeCL3 as recommended from Master Plan Design direction. , \$69,940k for hauling costs and to rebalance other accounts. , \$141,934 for ferric processing to obtain nutrient credits available for reg. 85.	749,802
7323- Safety And Personal Protection	safety boots for 8 night operators \$200 ea. Safety glasses 4 per year at \$250 ea. Hearing portection, nitrile gloves, and PPE related to biohazards	4,244
7325- Clothing And Uniforms	Rubber boots, rain gear	2,652
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	1,300
7333- Machinery, Vehicle & Equipment Parts	Parts for operations vehicles and vehicle tires.	1,082
7344- Building and Grounds Maintenance Supplies	Cleaning supplies for dewatering and operations annex buildings. COVID 19 pandemic created higher awareness of the need for regular surface sanitization and required supplies.	2,704
7349- Tools - Valued >\$100 < \$5000	New account in 2022. Will fund the purchase/replacement of hand tools for the division.	1,082
7418- Advertising	New employee job advertisements. Expected to increase with retirements pending.	1,061
7424- In-House Copying (503-4471)	In-house copying	185
7426- Outside Printing/Copies	Business cards for staff. Signs for plant sponsored RMWEA Greeley seminar.	530
7432- Publications & Subscriptions	Reference books for operations,	1,591
7433- Memberships & Dues	Eight memberships for the WEF and Rocky Mt Water EA at \$110 ea.	1,061
7435- Other Purchased Services	Microscopic evaluations by Dr. Michael Richard 4x/year. Increases from higher sludge volumes and resulting hauling costs. , \$60,830 for biosolids handling , \$50k to address rising costs associated with sludge hauling	377,775

WTRF Operations**411-8100-10010**

GL Account *	Notes	2025
7441- Electric	Solar power purchase agreement and increased electricity usage for WTRF.	705,089
7444- Natural Gas	Natural gas usage to run process at WTRF , Based on incrs & 12mo rolling avg	85,948
7461- Repair And Maintenance Services	Wastewater sampler service, operations lab balance service, truck scale repair, alarm pager/city radio repair, annual microscope service. 2020 increased radio availability and resulting financial requirements for accessories and batteries.	551
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	3,717
7472- Hotel and Motel	Leadville plant operator school lodging. For Operations Supervisor, WEFTEC Chicago , WEFTEC New Orleans. Regional JAC. Requesting additional funds for anticipated Master Plan recommended equipment site visits in both 2021 and 2022.	4,774
7473- Meals/Per Diem	2021 & 2022: Leadville operator school, Denver area activated sludge troubleshooting 3 days, Denver area biological nutrient removal, RMWEA/RMSAWWA annual conference (Keystone, CO). 2020--RMWEA/RMSAWWA annual conference (Loveland, CO). For Operations, WEFTEC Chicago, IL & New Orleans, LA respectively. Increase is due to sending more staff members to the Joint Annual Conference.	1,591
7474- Air Travel	For Operations Supervisor, roundtrip airfare to WEFTEC 2021 Chicago, IL, and WEFTEC 2022 New Orleans, LA. For 2021 & 2022, 2-3 anticipated equipment site visits per recommendations from Master Plan. Increase is due to expected additional air travel requirements.	2,122
7475- Mileage	Roundtrip mileage @ \$0.55/mile. In 2021 & 2022, Leadville operator school 234 miles, activated sludge troubleshooting Denver area 130 miles; biological nutrient removal Denver area 130 miles-RMWEA/RMSAWWA annual conference Loveland, CO (2021-2022). Additional funding of seminar and site visits is requested. Budget fluctuates depending on conference venues and availability of City vehicles. , \$1k to help facilitate career pathways and progression	2,059
7477- Other Travel	Airport parking fees. Car rental for equipment site visits. Shuttles and taxis when attending WEFTEC.	318
7478- Registration	2022: Rocky Mtn. Water Environment Association (RMWEA) operator training-Feb, Denver, March-Golden, May-Denver Metro, June-activated sludge troubleshooting, Denver area, June, PWO seminar, Greeley, July--Leadville conference, RMWEA/RMSAWWA annual conference (Loveland, CO), September, WEFTEC (New Orleans) for Operations Supervisor, October-Estes Park, Nov-annual bio solids conference in (Ft. Collins), 2. Both years, reimbursement for state operator certification exam. Increased budgets for new employees resulting from several expected retirements. Increased training to improve knowledge and operational efficiency. , \$2k to help facilitate career pathways and progression of new operators	6,821
7633- Equipment Rentals	Gas Detector Rental Agreement. , \$2k to help facilitate career pathways and progression of new operators	1,000
		\$ 2,936,281

WTRF Maintenance**411-8100-10020**

GL Account*	Notes	2025
7111- Regular Employees		429,432
7121- Overtime - Regular		9,731
7211- Disability		2,680
7212- Health		72,600
7213- Dental		2,190
7214- Vision		90
7215- Life		1,268
7221- General Employees		17,178
7227- 401K		8,245
7231- FICA/Social Security		26,625
7234- Medicare		6,229
7314- Office Supplies & Materials	Office supplies for maintenance staff. , \$3k for additional trash hauling and dumpster support	3,684
7315- Small Items of Equipment \$100 - \$5,000	Replace flow/level meters – 6 ea/yr., \$1,400. Pressure Transmitters. Poly Pumps. Chem Pumps. Solenoids for seal water, Chem systems. & TV monitor 2022.	33,949
7317- Meals/Food - Non-Travel Related	Appreciation lunches	2,122
7318- Medical Supplies	First Aid kits	530
7321- Chemicals	Pendulum concentrate ground kill. Roundup weed kill 5 gal. Insecticide. Odor chemical Struvite (ammonium magnesium phosphate) control chemical. Cleaning gas (HCl) for aeration basin diffusers(includes hazardous shipping). Lawn fertilizer. Media for biogas scrubber every year. Glycol for digester heat loop. ,	35,999
7323- Safety And Personal Protection	Boots, safety glasses, hearing protection, hard hats, fall protection,H2S, Arc flash ,	10,094
7325- Clothing And Uniforms	Rubber boots/rain gear. Work gloves/25 pairs; ,	3,135
7327- Gas And Fuel - External	Bulk Fuel - Agfinity (T.3308)	301
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	7,150
7333- Machinery, Vehicle & Equipment Parts		5,408
7338- Water, Sewer, Irrigation Line Repair Parts	Sprinkler heads 50 ea. Pipe; miscellaneous pipe. Cleanouts for project lines. , Bulk Fuel - Agfinity (T.3308) , \$3k for additional trash hauling and dumpster support	5,352
7344- Building and Grounds Maintenance Supplies	Maintenance supplies required for upkeep of buildings and grounds. , Landscape Services Master Contract , \$32,000 total from Rehab budget Acct 8229 (\$8,000 for sidewalk repairs, painting, tree trimming, annual work, and \$24,000 for Influent wet well cleaning and annual service. ,	102,864

WTRF Maintenance
411-8100-10020

GL Account*	Notes	2025
7346- Street & Traffic Repair and Maintenance Supplies	Non capital repair and maintenance:process pumps, motors, generators, etc. , Digester recirc pumps - 6 units. Return activated sludge pumps 5 units. Effluent flood pumps 3 units,. Trash pumps 2 units. 12" diesel backup trash pump 1 unit. Centrifuge overhaul one unit each year, centrifuge gearbox. Heat loop pumps 4 units, New centrate treatment system which includes lift station 2 pumps (annually), 5 mixers, 2 blowers, 3 transfer pumps, golf cart/UTV parts, 7 units. Grit turbo pumps 2 units, 1 overhaul/yr. Various heating/cooling valves; boards for 9 HVAC units. Waste gas flare ignitor/starter. New polymer feed systems 3 units. Digester biogas equipment parts. Pump packing. Headworks and digester gas monitors - 4 sensors/yr. Yard hydrant caps, seals, brass fittings. Dewatering sludge pump parts. Biogas booster pumps - 2 units. Band saw & table saw blades and bits. Emergency backup power generators - 3 units. Greases, oils for equipment. Replace electrical wire in aging conduit runs. Dewatering boiler parts, gaskets, yearly cleaning. Catch basin screens for stormwater regulations. Barscreen (rotomat) 3 units in deteriorating condition. Hot water pumps Digester. led gases for cutting torches/brazing. Welding rods/supplies. Maint. Tools. Concrete supplies. Metal pipe, fittings, hardware, steel plate. Lumber for plant projects. PVC pipe and fittings. Paint, lumber and supplies. Light bulbs/ballasts and fixtures. Valves, vibration analyzers, pressure gauges. Electrical: breakers, contactors, enclosures, fuses. Programmable controller cards for plant racks. HVAC filters for air handlers. Air filters for 3 Turbo blowers 15 ea x 3 blowers. Floormats for all buildings. New signage for plant. , \$68,000 total from Rehab budget Acct 8229 (\$40,000 for UV bulb/ballast replacements and annual maintenance requirements, \$8000 for Blower Filters, and \$20,000 for K-Turbo Blower maintenance. Digester recirc pumps - 6 units. Return activated sludge pumps 5 units. Effluent flood pumps 3 units,. Trash pumps 2 units. 12" diesel backup trash pump 1 unit. Centrifuge overhaul one unit each year, centrifuge gearbox. Heat loop pumps 4 units, New centrate	143,296
7348- Plant Materials	Mulch, tree and plant replacements, rock for plant grounds	1,082
7349- Tools - Valued >\$100 < \$5000		10,816
7411- Postage Charges - Internal	Postage for mailings.	234
7418- Advertising	Advertising for new maintenance personnel.	212
7424- In-House Copying (503-4471)		212
7426- Outside Printing/Copies		106
7432- Publications & Subscriptions	Safety handbooks and correspondence course materials.	530
7433- Memberships & Dues	Maintenance/operations correspondance courses. WEF membership yearly dues. Two certifications renewals.	1,591
7435- Other Purchased Services	Programmable logic controller (PLC) programming. Testing and certification of plant breakers, medium voltage switches, power metering modules, six areas. 3 programming efforts related to volute thickeners, CHAP, and TWAS pumps.Underground storage tank testing, annual truck scale certification, oil testing 20 tests, backflow preventer testing 11 units, upgrades to backflow prevention devices to meet new regulatory requirements (2019); US mailing service, wastewater certification testing, boiler water treatment, annual crane and hoist inspections. Various instrumentation service/repair/calibration. Increase due to State mandated water main vaults needing upgrades.	63,654
7446- Other Utility	WM trash hauling (average of \$581 per month) , Plant trash disposal, nine dumpsters picked up five times/week, two specialized dumpsters for oily waste, picked up as needed. Increase due to changing amount of trash pickups to 5 times/week. Project activities likely increase utility's across board, increased. , \$6k increase for additional trash hauling and dumpster support	13,718

WTRF Maintenance**411-8100-10020**

GL Account*	Notes	2025
7461- Repair And Maintenance Services	Turf mower repairs. Machine shop repairs. Motor rewinds, crane and hoist repairs. Flow and level meter calibration. Variable speed drives repairs. Generator PM 3 units. Fire extinguisher PM. Plant road maintenance. Crack sealing, seal coating, chip seal. Outside service for outdoor light pole repairs.	55,125
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	6,202
7466- Facilities And Grounds Maintenance Services	Roto-rooter service for plant drains these are about \$1000 ea. Replacement of vegetation requiring removal during Nitrification phase 2. Boiler inspections. CDS-1 annual inspection of 2 boilers. HVAC tech services systems are getting very old and in need of repair/replace. Outside contracted cleaning services for buildings annually. Increase is due to the last item which has been budgeted in operations and now moved to maintenance. Numerous HVAC units identified as non corrosion resistant and require replacement. , Landscape Services Master Contract	35,864
7472- Hotel and Motel	Vogelsang pump service school or related maintenance training for one employee, and hotel for two employees to attend the RMWEA/2019 RMSAWWA Annual Conference in Keystone, CO. Both years, WEFTEC. Equipment site visits. Increase is due to not budgeting for WEFTEC in the past, equipment site visits, and sending more than one employee to the RMWEA/RMSAWWA Annual Conference.	3,395
7473- Meals/Per Diem	2022 RMWEA Annual Conference (Loveland, CO). Service school. 2022. WEFTEC (New Orleans).	1,591
7474- Air Travel	Airfare to maintenance pump service school, 1 employee. WEFTEC airfare. Misc. airfare for equipment site visits per Master Plan recommendations.	1,804
7475- Mileage	Reimbursement for driving to and from conferences and training. Misc. expenses for mileage reimbursement.	266
7477- Other Travel	Shuttle, taxis when attending WEFTEC.	212
7478- Registration		5,835
7633- Equipment Rentals	Rental of pumps, scaffolding, lifts, centrate reactor warming equipment; other emergency equipment. Gasoline storage tank lease for plant use. 2020 failure of CHAP resulted in \$7k monthly expense for rental of ground thaw heater. 22 increase = contingencies for similar failures requiring emergency equipment.	7,000
		\$ 1,139,601

WTRF Laboratory**411-8100-81001**

GL Account*	Notes	2025
7111- Regular Employees		258,457
7121- Overtime - Regular		1,217
7211- Disability		1,613
7212- Health		43,560
7213- Dental		1,314
7214- Vision		54
7215- Life		762
7221- General Employees		10,338
7227- 401K		4,963
7231- FICA/Social Security		16,025
7234- Medicare		3,747
7314- Office Supplies & Materials	Pens, pencils, folders, binders, labels, clipboards, etc. for lab. Batteries, calendars & refills, items under \$100.	530
7315- Small Items of Equipment \$100 - \$5,000	Laboratory and field instruments, LBOD probe, lab chair, river monitoring equipment, digital buret, research pipettes, E.coli , laboratory probes, sample refrigerator, BOD incubator, analytical balance.. ,	8,637
7316- Computer Hardware/Software < \$5000	Adding new SCADA computers and scheduled replacements of computers in which we are converting desktops to laptops	1,702
7321- Chemicals	Laboratory chemicals, reagents, EPA(QA/QC) standards, analytical glassware, sample bottles and jugs. Other items in the budget include: DO & pH probes, thermometers, filters and filtering equip, poly and nitrile gloves, river sampling supplies, E.coli and fecal coliform supplies, laboratory chemicals, reagents, indicators, ph. buffers, supplies and storage solution, Hach reagents and equipment.	21,218
7323- Safety And Personal Protection	Budgeting for 3 team members for new boots annually, new waders annually, new prescription safety glasses bi-annually, and new safety glasses annually, and other PPE annually. ,	1,607
7325- Clothing And Uniforms	Waders for river work, work gloves, clean metals sampling suits, Lab coats	1,327
7349- Tools - Valued >\$100 < \$5000		541
7411- Postage Charges - Internal	Postage for lab mailings.	79
7424- In-House Copying (503-4471)	Increase due to under-budgeting in the past with all EPA, CDPHE, and other mailings	1,061
7426- Outside Printing/Copies	Increase due to no budgeting in the past and being charged	106
7432- Publications & Subscriptions	Standard methods, lab manuals, professional publications & newsletters,	424
7433- Memberships & Dues	Increase due to additional memberships for supervisor, coordinator, and analyst.	530
7435- Other Purchased Services	Expense for professional data processing instructions and services via an IGA with the State of Colorado Division of Water Resources satellite-linked river gauge monitoring system. Biomonitoring (extra funds must always be available if sample failures occur; must then perform required TIE & TRE studies). Funding for any plant unscheduled emergency sampling and project analyses. River monitoring: nutrients, metals, benthic study, fish study and Reg #85 analyses. Higher costs for field QA/QC by the Lower Poudre River Monitoring Alliance. Clean metals mercury analysis quarterly. Effluent metals analyses. Hazardous air pollutants (HAP's), digester gas analyses. QA/QC splits w/contract labs. Bio solids metals and nutrient analyses plus Bio solids dioxins scan & radioactivity tests. Deionized water testing.	59,835
7461- Repair And Maintenance Services	Analytical balance calibrations, repair and maintenance of laboratory equipment, sample refrigerator, incubators, ovens, autoclaves, centrifuges.	772
7472- Hotel and Motel	Lab personnel to acquire needed certification training units via the Rocky Mtn. Water Quality Analysts Association (RMWQAA) conference and Rocky Mtn. Water Environment Association (RMWEA) conference. and RMWQAA.	1,620

WTRF Laboratory**411-8100-81001**

GL Account*	Notes	2025
7473- Meals/Per Diem	Lab personnel to acquire needed certification training units via the Rocky Mtn. Water Quality Analysts Association (RMWQAA) conference and Rocky Mtn. Water Environment Association (RMWEA) conference. ,	839
7474- Air Travel	lab staff training and professional development out of state - 1 conference or training per year.	618
7475- Mileage	Mileage for training, classes and meetings. For meetings on nutrient modeling for new regulations. RMWQAA conference, workshops and meetings. Colorado Monitoring Framework (CMF) Workshop and meetings in the Denver area. Lab personnel to attend analytical and regulatory classes through the RMWQAA and RMWEA Lab Practices program.	690
7477- Other Travel	Parking fees when judging state science fair at CSU. Taxis, Car rental etc. ,	238
7478- Registration	Registration to attend the Rocky Mtn. Water Environment Association (RMWEA) conference and RMWEA bio solids conference . Registration for lab personnel to attend the RMWQAA conference. Lab personnel to attend analytical and regulatory classes through the RMWQAA and RMWEA Lab Practices program. , \$592 from 7344 to facilitate career pathways and progressions training and registrations required.	2,396
7633- Equipment Rentals	Deionized water purification system for plant's main laboratory. Rental payments were made in 2019 but were not put in the correct account.	1,500
		\$ 448,320

Industrial Pretreatment
411-8100-81002

GL Account *	Notes	2025
7111- Regular Employees		279,267
7121- Overtime - Regular		2,433
7211- Disability		1,735
7212- Health		43,560
7213- Dental		1,314
7214- Vision		54
7215- Life		821
7221- General Employees		11,172
7227- 401K		5,362
7231- FICA/Social Security		17,315
7234- Medicare		4,050
7314- Office Supplies & Materials	Supplies such as pens, paper file folders, office desk items, paper. Batteries, printer cartridges, field instruments, ISCO (the manufacturer of the automatic composite sampler) supplies, jugs, tubing, glassware, award certificates for commercial and industrial users, miscellaneous pretreatment operating supplies; filter replacements for the cleaning room and acid filters.	1,273
7315- Small Items of Equipment \$100 - \$5,000	Misc. items for the pretreatment program.	1,061
7316- Computer Hardware/Software < \$5000	Budget Increase Request: 322 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) INDUSTRIAL PRETREATMENT (Published) , \$4,142 for software in IPP	6,410
7318- Medical Supplies	Needed for updating and creating new first aid kits and supplies.	530
7321- Chemicals	pH buffer solutions, Hach test reagents. Misc. chemical cleaners and acids; supplies for cleaning the pretreatment lab. Chemical disposal	1,406
7323- Safety And Personal Protection	Budgeting for 3 team members for new boots annually, new waders annually, new prescription safety glasses bi-annually, and new safety glasses annually, and other PPE annually , Budget Increase Request: 322 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) INDUSTRIAL PRETREATMENT (Published)	2,121
7325- Clothing And Uniforms	One pair glasses; safety boots & vests for two industrial pretreatment technicians; work gloves; protective coveralls are needed because of working in and around city manholes with pretreatment sampling equipment and for low level mercury sampling. Under budgeted in 2018.	530
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	325
7333- Machinery, Vehicle & Equipment Parts	Various equipment parts for sampling and lab workstation in the industrial pretreatment vehicle.	1,438
7344- Building and Grounds Maintenance Supplies	Small tools, equipment and supplies for field repairs and sampling set-up.	433
7349- Tools - Valued >\$100 < \$5000		324
7411- Postage Charges - Internal	Classification mailings; Best Management Practices program mailings; misc. notices and orders.	106
7412- Mailing/Delivery Services - External	Increase due to severe under budgeting in the past with all EPA, CDPHE, and other mailings.	530
7418- Advertising	Significant noncompliant public notices and industrial user permit public notices. Annual fee for Public Service Announcements (PSA's) on Pharmaceuticals, and Personal Care Products (PPCP's). ,	2,683
7424- In-House Copying (503-4471)		424
7426- Outside Printing/Copies	Duplication of manuals, information pamphlets, printing of Best Management Practices participant window stickers.	424
7432- Publications & Subscriptions	Pretreatment reference materials	530
7433- Memberships & Dues	Budget Increase Request: 322 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) INDUSTRIAL PRETREATMENT (Published)	1,061

Industrial Pretreatment
411-8100-81002

GL Account *	Notes	2025
7435- Other Purchased Services	Service contract for Linko industrial pretreatment program software. Service contract for Portalogic software (waste hauler's dump station controller). Permit required compliance monitoring of Significant Industrial users (SIU's); CDPS permit required monitoring of WPCF influent and effluent, and local limits monitoring. Potential TENORM and PFAS testing , Budget Increase Request: 322 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) INDUSTRIAL PRETREATMENT (Published)	26,523
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	882
7463- Maintenance Agreements	Outside repair of industrial pretreatment sampling equipment or instrumentation. , Budget Increase Request: 322 - WASTEWATER TREATMENT & RECLAMATION FACILITY (WTRF) INDUSTRIAL PRETREATMENT (Published)	6,239
7472- Hotel and Motel	Increase in budget is for two employees to attend the National Association of Clean Water Agencies (NACWA) Pretreatment & Pollution Prevention Workshop 230/night x 4 nights x 2 (\$1545), and EPA Region 8 Pretreatment Workshop at \$230/night x 4 nights x 2 (\$1545).	3,183
7473- Meals/Per Diem	Per Diem while attending workshop (location TBD). GSA ~\$65/day x 2 employees x 4 days = \$520. Increase in budget is due to sending two pretreatment employees to training workshop.	637
7474- Air Travel	Annual NACWA national (or EPA Regional) pretreatment workshop. Sending two employees and anticipated higher travel costs. Roundtrip airfare ~\$425-\$450 each.	1,485
7475- Mileage	Anticipated costs to attend the Colorado Industrial Pretreatment Coordinator's Association (CIPCA) meetings.	318
7477- Other Travel	Fees for airport parking, shuttles, taxis; rental cars.	424
7478- Registration	Annual Colorado Industrial Pretreatment Coordinators Association (CIPCA) Fall conference; annual Rocky Mtn. Water Envir. Assoc. (RMWEA) PWO operator's certification training; annual NACWA pretreatment workshop.	3,713
7633- Equipment Rentals	Confined space gas detector lease; deionized water filter system lease for pretreatment clean room lab.	2,500
7811- Grants-Outside Agencies	Funds distributed by the City to the Poudre Learning Center to assist them with the procurement of needed water testing supplies for the students. ,	1,000
		\$ 435,596

Sewer Collection
411-8200-10010

GL Account*	Notes	2025
7111- Regular Employees		1,075,356
7121- Overtime - Regular		38,314
7211- Disability		6,788
7212- Health		232,320
7213- Dental		7,008
7214- Vision		292
7215- Life		3,201
7221- General Employees		42,652
7227- 401K		20,635
7231- FICA/Social Security		66,105
7234- Medicare		15,460
7314- Office Supplies & Materials	Office supplies including copier paper, envelopes, pens, pencils, tape, printer cartridges. Recreational supplies, film, batteries (A, AA, AAA's), keys, gift certificates, name tags, rubber stamps, calendars and planners, trophies, plaques, prizes, awards, calculators, and flash drives.	4,722
7315- Small Items of Equipment \$100 - \$5,000	Furniture and equipment with a per unit cost of \$100 - \$5,000 with useful life of 1 year or more. This does not include repair parts. Budget adjusted, moved hand tools to 7349 "Tools".	6,631
7316- Computer Hardware/Software < \$5000	Furniture and equipment with a per unit cost of \$100 - \$5,000 with useful life of 1 year or more. This does not include repair parts. Budget adjusted, moved hand tools to 7349 "Tools". , \$3,500 for software in wastewater collections , Budget Increase Request: 1436 - Wastewater Collections Crew Supervisor I	10,171
7317- Meals/Food - Non-Travel Related	Meals/Food - non-travel related food items for in-house meetings and training and concessions.operations will hold external safety/meetings and share expense with multiple departments.	1,061
7318- Medical Supplies	First aid kits, bandages, aspirin, and other medical items.	1,061
7321- Chemicals	Lab supplies, hazmat supplies, mace, and less-lethal rounds. Chemicals required for operations such as chlorine, de-icing salt, fertilizers, weed spray, fire extinguishers (not charging – see 7461) bug spray, pest strips, CO2 detectors, etc.Chemicals to treat lift stations and general shop maintenance. Upgrades to the lift station discharge manholes are complete, the purchase of bioxide is no longer needed.	5,305
7323- Safety And Personal Protection	Safety glasses, boots, ear protection, gloves, safety vests, hard hats, ear plugs, and masks (PPE). 11 employee @ \$600 , Budget Increase Request: 1436 - Wastewater Collections Crew Supervisor I	7,402
7325- Clothing And Uniforms	Purchase of clothing and uniforms. Includes riot gear and fire helmets. 11 employees @ \$600 , Budget Increase Request: 1436 - Wastewater Collections Crew Supervisor I	8,420
7327- Gas And Fuel - External	Propane for gas powered tools.	104
7328- Fleet Fuel (4482)	Fleet Fuel - Original Budget	42,250
7333- Machinery, Vehicle & Equipment Parts	Parts for fleet vehicles and equipment. maintenance supplies for small engines, compressor, welders, etc. Attachments to mobile field maintenance vehicles. vehicle tool boxes, seat covers etc. ,	26,936
7338- Water, Sewer, Irrigation Line Repair Parts	Painting supplies; includes supplies such as brushes, rollers, roller trays, spray paint, wallpaper and glue, Plumbing supplies (above ground). Electrical supplies; includes wiring, fuses, electrical components, light fixtures, bulbs. Building supplies including lumber, nails, screws, glue. HVAC supplies; parts and supplies related to the maintenance and repair of heating, ventilation, and air conditioning equipment. Cleaning and routine maintenance supplies such as nitrile gloves, cleansers, trash bags, toilet paper, tissues, paper towels, lens and sanitized wipes.Parts and components required to repair water, sewer (below ground), and sprinkler lines; plastic and concrete pipe. Parts and components used in the repair of sewer mains.	11,249

Sewer Collection
411-8200-10010

GL Account*	Notes	2025
7344- Building and Grounds Maintenance Supplies	Supplies used to maintain 10 lift station, shop, and the WWC system. Electrical parts, locating paint, janitorial supplies and hand tools.	27,040
7346- Street & Traffic Repair and Maintenance Supplies	Sign parts and supplies, traffic signal supplies. Pavement marking supplies; including pavement paint, thermoplastic markings, etc. Asphalt, tack oil, sand, gravel, and other street repair supplies. Parts for the repair and maintenance of motor vehicles, small engines, batteries (A, AA, AAA, etc. under 7314), chain saws, generators, welders, weed eaters, testing and lab equipment. Also, grader blades & snow blades less than \$5000, tires (includes labor for balancing and mounting), tubes, wheel weights, patching supplies. Vehicle oil, lubricants and windshield wiper fluid. Also includes rope, brooms, shovels, rakes, small tools under \$100.00, glue, sand for golf courses and park sand.	4,456
7349- Tools - Valued >\$100 < \$5000	Tools with a per unit cost between \$100 and \$5,000 with useful life of 1 year or more. The purchase of small tools, lumber, ladders, rakes, shovels, weed eaters and mower blades. also includes all cutting blades for chop saws, angle grinders, reciprocating saws and all welding supplies. Hand tools addition/replacement	6,490
7418- Advertising	Job advertising	160
7426- Outside Printing/Copies	Typesetting, printing, binding, graphics, and related professional printing services for reports, brochures, flyers, business cards, forms, etc. Also includes outside copy charges, laminating, small signs and decals made by outside service.	160
7432- Publications & Subscriptions	The purchase of work-related books, reports, manuals, and other publications. Subscriptions to newspapers, magazines, newsletters, similar publications, including updates to law journals and professional practices. Cd's, dvd's	530
7433- Memberships & Dues	Annual membership fees for professional organizations that are job related. AWWA, CRWA, WEF etc. Memberships to organizations relevant to employee discipline. Information received through these organizations keep employees informed and educated on the latest water treatment/storage/distribution techniques. Provide approved training units to maintain certifications.	1,061
7435- Other Purchased Services	Share of call tickets at 1.45 per request. 21-22 hire janitorial services@ collections, facility maintenance cant service WWC due to overload.	15,914
7441- Electric	Electrical cost for operating 10 lift stations and the shop , \$12,000 for electricity for Ashcroft Draw Lift Station	81,887
7442- Water/Sewer/Stormwater	Tbone lift station emergency overflow payments to Evans, stormwater charges for ww collections site; Based on incrs & 12mo rolling avg	61,683
7444- Natural Gas	Used for lift station emergency generator backup and heating the maintenance shop; Based on incrs & 12mo rolling avg	4,988
7445- Telephone		2,700
7446- Other Utility	\$1,000 for hazardous trash hauling ,	1,551
7461- Repair And Maintenance Services	Charges from outside contractors for vehicle repair and maintenance services including car washes. Outside services for the repair and maintenance of elevators, machine, power tools, pumps, and other equipment. Also, includes welding and similar technical services. Annual fire extinguishers charging. Flat tire repair. Contracted outside services for the repair and maintenance of streets and roads, including snow removal, asphalt patching, sweeping, repair, street lights, etc.Outside contractor repairs on vehicles and pumps; Asphalt patching	11,025
7462- Equipment Maintenance Charges	Budgeted by Equipment Maintenance	87,760
7463- Maintenance Agreements		2,268

Sewer Collection
411-8200-10010

GL Account*	Notes	2025
7466- Facilities And Grounds Maintenance Services	Building and grounds maintenance - outside services for window washing, glass repair, overhead door repair, carpet cleaning, general cleaning, and similar building maintenance. Outside plumbing, heating and electrical services such as inspections, repairs, locks and keying, & related general maintenance. For properties that the City does own. Outside services related to sprinkler systems, sidewalk/concrete repair and replacement, grass seeding and sodding, landscaping and landscape maintenance, tree trimming, and fence installation or repair.	11,025
7472- Hotel and Motel	Expense for overnight lodging on city business if not included in registration. The increase in budget will cover hotel expense for employees traveling to conferences and school to achieve/maintain City, State & federal certifications to operate and deliver water per the EPA/CDPHE safe water drinking act.	2,652
7473- Meals/Per Diem	Expense for meals while on city business and seminars.	1,061
7474- Air Travel		2,137
7475- Mileage	Reimbursement to employees for the use of their personal vehicle for official city business at a designated rate per mile.	530
7477- Other Travel		515
7478- Registration	Sign up fee for seminars, workshops, and conferences. Registration fees for EPA/CDPHE approved courses/schools/conferences and internet training necessary to achieve/maintain, State/Federal certifications in Storage and distribution of safe, quality drinking water. , \$4,000 for CDL training registration in wastewater collections. , Budget Increase Request: 1436 - Wastewater Collections Crew Supervisor I	17,746
7631- Rent	Rental costs for buildings, offices, storage units, cones, message boards, land, movie rentals, tents, and show booths. There is no longer a gas monitor lease, COG will purchase and maintain all equipment. Perpetual sewer crossing fee (near JBS) to UPPR paid from this account. Fee increased 3%/year. 2021 Fee = 2279.31	10,692
7633- Equipment Rentals	Heavy equipment rental.	10,000
7650- Computer/Phone User Charges (4484)	Budgeted by Finance	448,769
		\$ 2,448,243

Sewer Instru. And Control

411-8200-86006

GL Account*	Notes	2025
7111- Regular Employees		31,348
7211- Disability		193
7212- Health		4,356
7213- Dental		131
7214- Vision		6
7215- Life		92
7221- General Employees		1,254
7227- 401K		602
7231- FICA/Social Security		1,944
7234- Medicare		455
7325- Clothing And Uniforms	Safety boots cog logo hats, hard hats 1, safety shirts , light coveralls, safety gloves, safety vest , first aid kit refill, rubber boots , safety glasses, safety sweatshirts, ear protection plugs, ear protection, ear protection muffs, face shield, eye protection goggles, eye protection over the glasses, rain gear, bug spray, sun screen In the past this money was taken from the treatment plants and reservoirs accounts.	1,697
7463- Maintenance Agreements	Satellite charges for VIASAT and GIT, annual SCADA support contracts: GE Digital by Graymatter (Timber Line). Instructional advice received about the maintenance of new equipment installed at the treatment plants.	45,196
7478- Registration	Registration fees for AWWA. Also for advanced electrical & instrumentation training. Required to attend class on new equipment installed at the treatment plants.	1,910
		\$ 89,184

Sewer Services

Class I Commercial Customers: Customers such as 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.

Class II Commercial: Customers such as 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.

Class III Commercial: Customers such as restaurants, hotels (with dining), bars and taverns (with dining), and membership organizations (with dining).

Class IV Commercial: Customers such as food markets, butchers, bakers, and food manufacturing.

Class V Commercial: Customers such as mortuaries and miscellaneous heavy commercial manufacturing.

Industrial Sanitary Sewer Services

Customer Class	Customer	2025 Rate Change	2025 Estimated Revenue	2025 Cost of Service	Cost of Service Increase (Decrease)	2025 Volume Estimate kgal	2024 Volume Rate \$/kgal	2025 Volume Rate \$/kgal
SIC 2013: Prepared food manufacturers	Colorado Premium	45%	\$346,662	\$525,280	\$178,618	1,100	30.39	44.08
SIC 2047: Dog and cat food manufacturer	All American Pet Protein	1%	\$398,671	\$405,599	\$6,928	990	33.54	33.88
SIC 2034: Dehydrated food producers	Tesdale Foods	(10%)	\$66,427	\$51,146	(\$15,281)	570	9.68	8.71
SIC 2873: Nitrogenous fertilizer producers	Loveland Products	26%	\$21,460	\$28,452	\$6,992	30	59.01	74.48
SIC 4212: Transportation equipment services providers	Trimac	(10%)	\$2,220	\$1,656	(\$564)	50	3.34	2.95
SIC 5169: Chemical and allied products manufacturers	Florida Cirtech	35%	\$13,234	\$18,648	\$5,414	160	6.78	9.19
SIC 7218: Industrial laundries	Cintas	(10%)	\$207,720	\$180,744	(\$26,976)	1,100	15.72	14.15
SIC 7542: Truck washes	Greeley Washout	5%	\$91,407	\$123,628	\$10,000	1,000	9.23	9.70



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Jim Paulson - Civil Engineer IV Water and Sewer

Title:

Update on SCADA Master Plan

Summary:

The City of Greeley Water and Sewer Department is currently working on development of the Supervisory Control and Data Acquisition (SCADA) system Master Plan. The SCADA system is in dire need of upgrades in both physical hardware and software. Recent and pending regulatory requirements are necessitating an upgraded system for cyber security. Furthermore, the department desires to have a more comprehensive real-time and historical data archive for access to evaluate system operations and upgrades.

The SCADA MP includes a review of the current state of the system, development of a vision and goals for the system, gap analysis and identification of projects to upgrade the system. Many of the gaps are due to existing and pending regulatory requirements for water system cybersecurity.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

1. SCADA MP W&S Board Presentation



SCADA Master Plan: Update and Review

Jim Paulson, Civil Engineer IV
jim.paulson@greeleygov.com, 970-590-5338
Water & Sewer Board – July 18, 2024

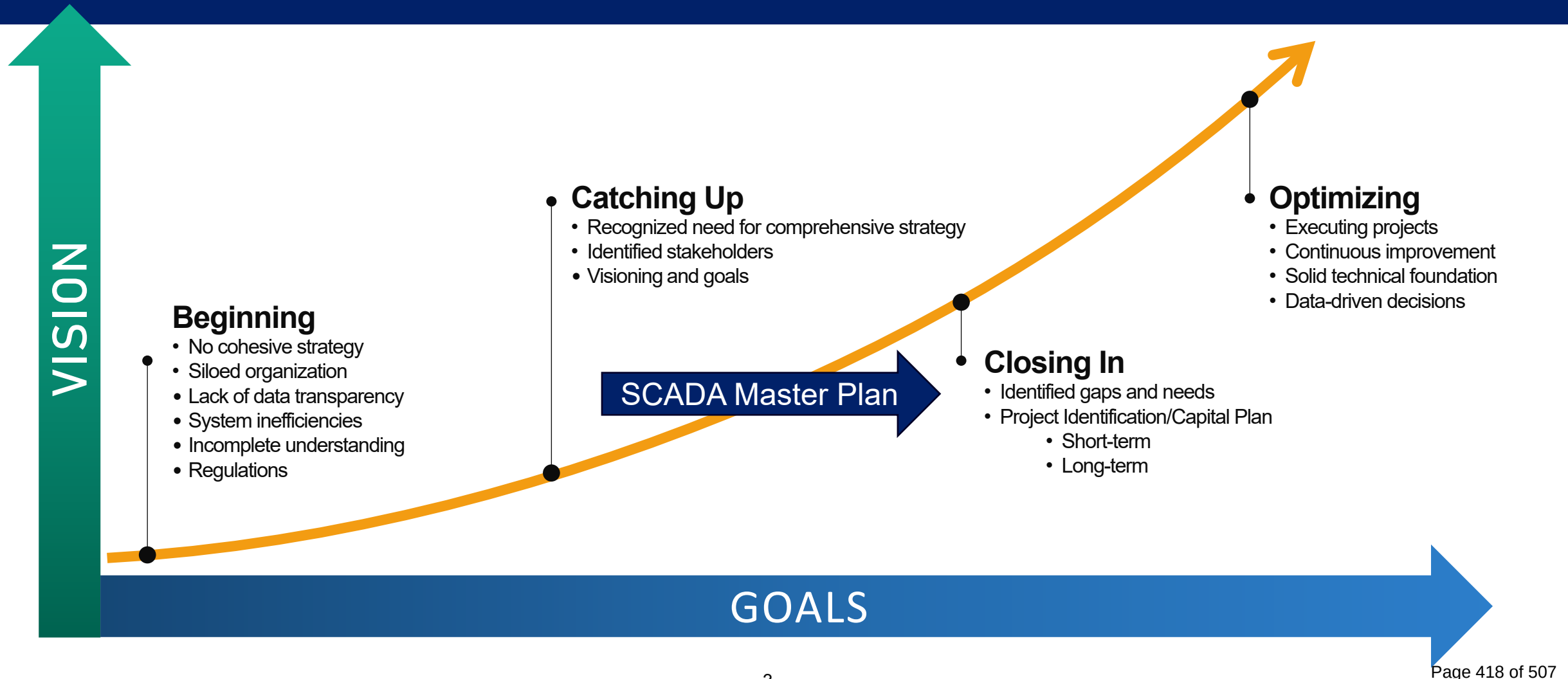


SCADA Master Plan Update and Review

- Agenda
 1. SCADA Master Plan
 - A. Process
 - B. Progress to Date
 2. Board Input and Discussion
 3. Board Recommendations?

SCADA Master Plan Process

The 5 Ws + H



Beginning

(1/5 of the 5 Ws)

- **Why are we doing this?**
- Who
- What
- Where
- When
- How



Current System Status



- Mix of hardware and software
- Questionable data for decision-making
- Lack of operational flexibility
- Access to data is limited
- Reporting not reliable

Catching Up

Starting from the Start (2/5 of the 5 Ws)

- Why are we doing this?
- Who is impacted?
- What are we trying to achieve?
- Where
- When
- How

IDENTIFYING STAKEHOLDERS





STAKEHOLDER ENGAGEMENT



- Seeking Input (Imperfect Process)
 - Identifying stakeholders
 - Questionnaires
 - Workshops
 - Discussions

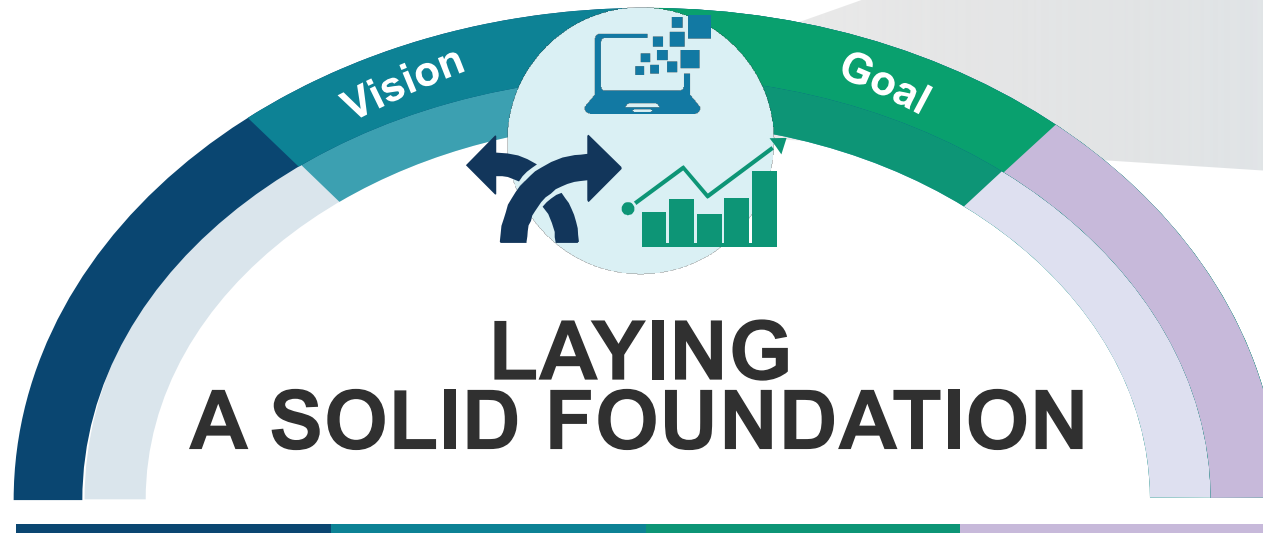


CRAFTING THE VISION



DRAFT WORKING VISION STATEMENT FOR THE SCADA SYSTEM:

Utilize state-of-the-art technology to improve system operational and maintenance efficiency, optimize system and plant processes, facilitate decision-making and planning of capital improvements, and manage water resources for the public benefit.





FINALIZING THE VISION



Alternative/additional concepts to consider in the statement?

Utilize state-of-the-art technology to improve system operational and maintenance efficiency, optimize system and plant processes, facilitate decision-making and planning of capital improvements, and manage water resources for the public benefit.

- *Open for discussion now*



g Strategic Goals



Performance

- Stable and Reliable
- User friendly
- Reporting Capabilities
- Robust



Standardization

- Design & Programming
- Hardware, Software & Implementation
- Industry standards



Optimization

- Facilitate capital planning
- Operations and Modeling
- Secure & redundant networks



Governance

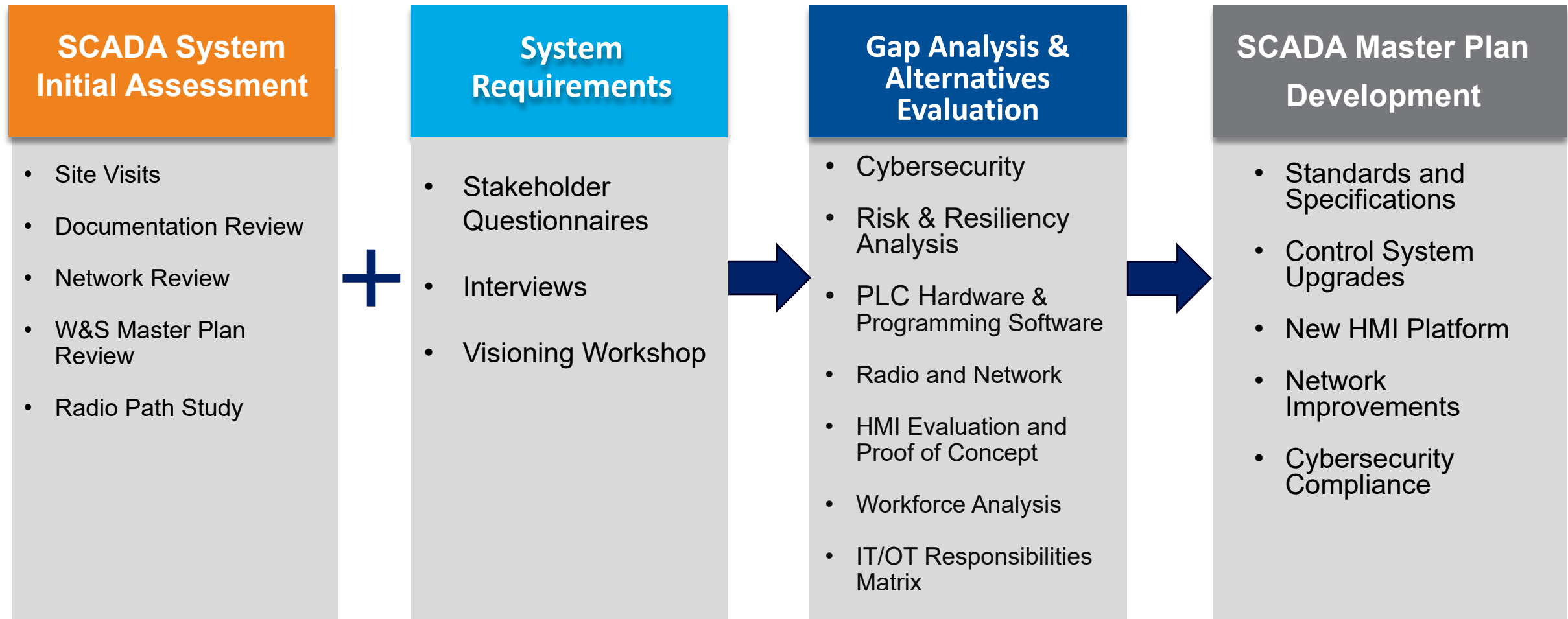
- Cybersecurity
- Data Validation
- Change Management
- IT/OT Coordination

Closing In

Gap Analysis (2/5 of the 5 Ws)

- Why are we doing this?
- Who is impacted?
- What are we trying to achieve?
- **Where are we now?**
 - Industry Standards
 - Technology
 - Security
 - Physical
 - Cyber
 - Operations
 - Performance
 - Analytics
 - Optimization
 - Staffing
- **When do need this?**
- How do we get there?

Collaborative Process Approach



Gap Analysis: *Standards*

Identified Gap	Project
No consistency in HMI/PLC programming and graphics	Control System Standards
Control system specifications may vary from project to project	Control System Standards
Confusion in associating SCADA data with physical instrument/location (tagging)	Data Study
Data not reaching staff who need it	Data Study
Lack of consistent alarm management	Alarm Identification & Prioritization

Gap Analysis: *Control System Hardware and Software*

Identified Gap	Project
End-of-life and non-standard PLCs and other hardware	Hardware Upgrades
SCADA implemented differently at each treatment facility	HMI Upgrade
HMI platform difficult for SCADA team to manage and maintain	HMI Upgrade
HMI does not meet department needs, including trending & reports	HMI Upgrade
Lack of independent yet linked Historians at each facility	Historian Design

Gap Analysis: *Communications Network*

Identified Gap

Project

Obsolete communications devices are a cybersecurity risk

Network Upgrade

Unmanaged switches within network are a cybersecurity risk

Network Upgrade

Poor radio communications to 32 remote sites

Lawrenson Hall Radio Tower

Some sites require >70' tower height for reliable communications

**Fiber Optic/Alternate
Communications Investigation**

Gap Analysis: *Cybersecurity*

Identified Gap	Recommendation
No comprehensive OT Cybersecurity program	Create program & designate Cybersecurity Officer (CSO)
Inadequate backup and disaster recovery procedures	Develop, document, and verify procedures
Individual treatment facilities not properly segregated	Revise network architecture to meet cyber requirements
Limited spare parts inventory	Identify critical components and purchase spares
Incomplete, out of date P&IDs & SCADA/network drawings	As-built documentation project

Gap Analysis: *Staffing*

Identified Gap

Recommendation

No dedicated cybersecurity staff

Add Cyber Engineer position

No facility electricians; work done by SCADA team

Deploy electricians at plants

Engineering group has no electrical/ I&C staff

Fill EI&C Engineer position

Procurement coordination between IT and SCADA team

IT/OT Responsibility MOU

Lack of ongoing training for SCADA staff

**Create technical & cyber
training program**

Optimization

Implementation (The H)

- Why this now?
- Who is impacted?
- What are we trying to achieve?
- Where are we now?
 - Industry Standards
 - Technology
 - Security
 - Physical
 - Cyber
 - Operations
 - Performance
 - Analytics
 - Optimization
 - Staffing
- When do need this?
- **How do we get there?**

SCADA Master Plan Implementation

Standards

SCADA Control System Standards

6 months, Capital Cost: \$150K

- Develop HMI and PLC programming standards
- Develop tagging nomenclature
- Develop control system hardware and software standards/specifications

Data Study

6 months, Capital Cost: \$95K

- Evaluate data collected vs. data needed
- Recommendations and action plan for data management, security, and governance

Alarm Management Plan

6 months, Capital Cost: \$65K

- Review existing alarms and develop alarm rationalization and prioritization plan
- Develop alarm management philosophy per ISA 18.2

SCADA Master Plan Implementation

Control System Hardware and Software

Hardware Upgrades

24 months, Capital Cost: \$\$\$K

- PLC replacement of obsolete or non-standard components with standardized Rockwell PLCs

Phased HMI Upgrade & Implementation

48-60 months, Capital Cost: \$2M

- Staged implementation of HMI SCADA software:
 - Reservoirs
 - Bellvue WTP
 - Boyd WTP
 - WWTP
 - Remote Sites
 - All Other Sites
- Install local historian at each treatment plant
- Develop standardized reports across the system
- Implement ad-hoc reporting capabilities

SCADA Master Plan Implementation

Communications Network

Network Hardware Upgrades

x months, Capital Cost: \$\$\$K

- Upgrade end-of-life communication devices
- Replace and, where possible, consolidate unmanaged switches with standard managed switches

Lawrenson Hall Radio Tower

x months, Capital Cost: \$\$\$K

- Addition of radio tower on UNC's Lawrenson Hall will provide reliable communications to 32 remote sites

Fiber Optic Investigation

x months, Capital Cost: \$\$\$K

- Five sites require radio tower height of $\geq 70'$ for reliable radio communications
- Investigate feasibility of fiber optic cable or connections to LTE network

Closing

- Thank You
- Questions and Discussion





Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Leah Hubbard, Water Resource Operations Manager

Title:

Legal Report

Summary:

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

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

1. **Case No. 24CW3078:** The applicant, the Groundwater Management Subdistrict of the Central Colorado Water Conservancy District (GMS) is seeking to adjudicate conditional groundwater rights for wells to be used for industrial purposes and to add them to its existing augmentation plan. The wells will be used for gravel mining operations, oil and gas development, and the development of the "Sweet Valley Reservoir Complex" that is the subject of pending Case No. 23CW3181. Each of the wells could be pumped at a rate of 2.67 c.f.s. with no annual volume limit proposed. Greeley is a party to the related 23CW3181 application, which includes large new storage water rights. We recommend that Greeley file a statement of opposition in this case to ensure Central's operation of these new conditional groundwater rights does not injure Greeley's water rights.
1. **Case No. 24CW3079:** This case concerns an application by two individuals and an entity named Cache LLC to change water rights for 48 shares of the W.R. Jones Ditch, which is located on the south side of the Cache la Poudre River northwest of Greeley, and for an augmentation plan to use these water rights to replace depletions caused by ponds to be built by the applicants. These shares represent 24% of all of the outstanding shares in this ditch. Applicants seek to change the use of these shares for multiple purposes to serve a new proposed development. Past change of water right applications by others in the Jones Ditch have had significant issues. We recommend that Greeley file a statement of opposition in this case to ensure that the water rights are properly quantified and to protect Greeley's water rights from injury.

Recommended Action:

Staff and water counsel recommend authorizing filing statements of opposition in Division 1 Case Nos.

24CW3078 and 24CW3079.

Recommended Motion:

“I move that the Board authorize filing statements of opposition in Case Nos. 24CW3078 and 24CW3079 and for staff and legal counsel to seek resolution of issues raised by these cases consistent with Water and Sewer Board Resolution No. 3, 2015.”

Attachments:

None



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Cole Gustafson, Source Water Supply Manager

Title:

Executive Session

Summary:

The Water and Sewer Staff with support from legal counsel have negotiated a Purchase and Sale Agreement (PSA) for certain water rights from the Water Supply and Storage Co. system.

The Agreement (PSA) as drafted contains a number of terms, including dry-up covenants, revegetation covenants, and an agricultural use leaseback. are included in the Purchase and Sale Agreement.

An executive session has been requested to seek advice to negotiators and provide for legal advice to the Water & Sewer Board.

In addition, staff will present the periodic Northern Colorado water market data and trends observed in the market relative to water assets that are of interest to the city in its real property acquisition strategy.

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

None



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Cole Gustafson, Source Water Supply Manager

Title:

Approve Walker Water Rights Acquisition

Summary:

Staff recommends that the Water and Sewer Board approve the enclosed Purchase and Sale Agreement (PSA) for water rights with Greg Walker. The Agreement contemplates Greeley's purchase of one (1) share of the Water Storage and Supply Company (WSSC) and affiliated lateral right. A dry-up covenant, revegetation covenant, and a leaseback are included in the Purchase and Sale Agreement. The total purchase price is \$4,000,000.

Recommended Action:

W&S staff recommend the acquisition of one (1) share of WSSC in accordance with the water acquisition strategies informed by the Department's Integrated Water Resource Plan.

Recommended Motion:

"I move that the Board approve the enclosed Water Rights Purchase and Sale Agreement with Greg Walker and exhibits, and delegate authority to the Director of Water and Sewer or his designee to make minor amendments to the documents, including, but not limited to, corrections to property descriptions and contract extensions, and to undertake all necessary and appropriate action to close on the transaction."

Attachments:

1. Walker WSSC Acquisition
2. Walker Greeley WSSC Executed PSA



Water Rights Acquisition Walkers (WSSC)

July 18, 2024



**Larimer County Canal Diversion*

Purchase & Sale Overview

Walker Farm



- Water Only Purchase
 - 1 share of Water Supply and Storage Company (WSSC)
 - 1 share of the Darnell Lateral Ditch Company
- Potable supply
- Lease Back
 - 20-year primary lease back of water rights that may be extended for up to 5, 1-year terms as part of the negotiation.
- Dry-up and revegetation covenants are included
- Total Purchase price of \$4,000,000.00

Due Diligence & Path Forward

**Chambers Lake*



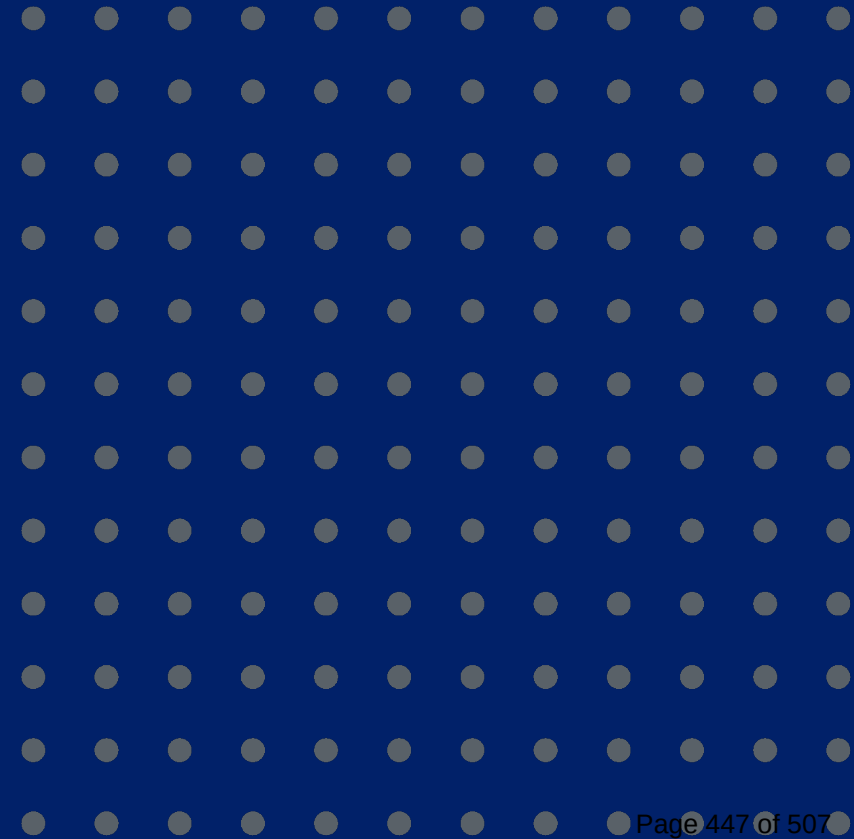
- 60 days due diligence
 - Title Review
 - Confirmation of dry-up adequacy – mostly complete
 - HCU analysis
- Closing on or before 105 days of mutual execution of the contract

Recommendation

W&S staff recommend the acquisition of one (1) share of WSSC in accordance with the water acquisition strategies informed by the Department's Integrated Water Resource Plan



Questions?



PURCHASE AND SALE AGREEMENT
(Greg Walker)

This PURCHASE AND SALE AGREEMENT ("Agreement") is made and entered into as of the Effective Date (defined in Section 1.8 below) by and between GREG WALKER, in his individual capacity ("Seller"), and THE CITY OF GREELEY, COLORADO, a Colorado home rule municipal corporation, acting by and through its Water Enterprise ("Greeley") (Seller and Greeley each being a "Party" and collectively the "Parties").

RECITALS

A. Seller and his siblings respectively own certain parcels of real property located in Weld County, Colorado, legally described on Exhibit A attached hereto and incorporated herein by reference (collectively "Walker Farm").

B. Seller also owns the water and water rights represented by two (2) shares of stock in The Water Supply and Storage Company ("WSSC"), evidenced by Stock Certificate No. 6627 issued in the name of Seller and depicted on Exhibit B attached hereto and incorporated herein by reference ("WSSC Certificate"), which water and water rights have historically been delivered through the Larimer County Canal for irrigation of the Walker Farm.

C. Seller also owns the rights represented by three and one-half (3.5) shares of stock in The Darnell Lateral Ditch Company ("Lateral"), evidenced by Stock Certificate No. 23 issued in the name of Seller and depicted on Exhibit C attached hereto and incorporated herein by reference ("Lateral Certificate").

D. To the best of the Parties' knowledge and belief, the WSSC Certificate and the Lateral Certificate represent ownership of and the right to divert, deliver, and use water under and a proportional interest in the water rights described on Exhibit D.

E. Seller desires to sell to Greeley one (1) of the WSSC shares evidenced by the WSSC Certificate ("WSSC Share").

F. Seller desires to sell to Greeley one (1) of the shares evidenced by the Lateral Certificate ("Lateral Share").

G. The WSSC Share and the Lateral Share, together with the restrictive covenants further described below as the Covenants, are collectively referred to in this Agreement as the ("Water Rights").

H. Greeley desires to purchase the Water Rights.

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained and other good and valuable consideration, Seller and Greeley hereby agree as follows.

AGREEMENT

ARTICLE 1
DEFINITIONS

In addition to words and terms elsewhere defined in this Agreement, including the recitals hereto, the following words and terms used in this Agreement shall have the following meanings:

- 1.1 “*Agreement*” means this Purchase and Sale Agreement.
- 1.2 “*Board*” means the City of Greeley Water and Sewer Board.
- 1.3 “*Closing*” means the closing of this transaction.
- 1.4 “*Closing Date*” means the date of the Closing.
- 1.5 “*Council*” means the City of Greeley City Council.
- 1.6 “*Covenants*” means the Restrictive Covenants (No Irrigation and Revegetation), in the form of Exhibit E attached hereto and incorporated herein.
- 1.7 “*Deposit*” has the meaning given in Section 3.2.
- 1.8 “*Effective Date*” means the date upon which the last party hereunder executes this Agreement.
- 1.9 “*Governing Body Approvals*” has the meaning given in Section 6.1.
- 1.10 “*Governmental Approval Period*” has the meaning given in Section 6.1.
- 1.11 “*Inspections*” has the meaning given in Section 5.1(A).
- 1.12 “*Inspection Period*” has the meaning given in Section 5.1(A).
- 1.13 “*Lateral Certificate*” has the meaning given in Recital C.
- 1.14 “*Lateral Share*” has the meaning given in Recital F and includes all right, title and interest of Seller to all water and water rights, wells and well permits and rights, ditches and ditch rights, reservoirs and reservoir rights represented thereby.
- 1.15 “*Material Part*” means a portion of the Water Rights that would have a material adverse effect on Greeley’s use of the Water Rights as determined by Greeley in its good faith judgment.
- 1.16 “*Purchase Price*” has the meaning given in Section 3.1.
- 1.17 “*Seller’s Off-Record Documents*” has the meaning given in Section 4.2.C.
- 1.18 “*Seller’s Title Documents*” has the meaning given in Section 4.1.
- 1.19 “*Specified Sum*” has the meaning given in Section 9.4.
- 1.20 “*Title Company*” means Land Title Guarantee Company in Greeley, Colorado.
- 1.21 “*Walker Farm*” means the real property defined in Recital A and legally described on Exhibit A.
- 1.22 “*Water Rights*” has the meaning given in Recital G above and includes all right, title and interest of Seller to all water and water rights, wells and well permits and rights, ditches and ditch rights, reservoirs and reservoir rights represented by the WSSC Share and the Lateral Share, as well as the Covenants defined above.
- 1.23 “*Water Lease*” means the Irrigation Water Lease Agreement in the form of Exhibit F attached hereto and incorporated herein.

1.24 “WSSC” means The Water Supply and Storage Company.

1.25 “WSSC Certificate” has the meaning given in Recital B above.

1.26 “WSSC Share” has the meaning given in Recital E and includes all right, title and interest of Seller to all water and water rights, wells and well permits and rights, ditches and ditch rights, reservoirs and reservoir rights represented thereby.

ARTICLE 2 SALE OF PROPERTY AND AGREEMENTS

2.1 Water Rights. Seller agrees to sell, and Greeley agrees to buy, on the terms and conditions set forth in this Agreement, the Water Rights.

A. Exclusions. There are no exclusions from the Water Rights.

2.2 Water Lease. Greeley and Seller agree to enter into the Water Lease at Closing, subject to the terms and conditions set forth in this Agreement.

ARTICLE 3 PURCHASE PRICE

3.1 Purchase Price. Total consideration for the Water Rights shall be (i) four million dollars (\$4,000,000.00) (“Purchase Price”) and (ii) the Water Lease.

3.2 Deposit and Release of Deposit. Within fourteen (14) days following the Effective Date of this Agreement, Greeley shall transfer and deposit with the Title Company one hundred thousand dollars (\$100,000.00) (“Deposit”). The Deposit shall be fully refundable to Greeley at any time prior to the expiration of the Inspection Period (defined below) if Greeley is not satisfied with the Water Rights and shall be subject to return to Greeley either prior to or after the expiration of the Inspection Period upon termination of this Agreement pursuant to Section 5.2.A, Section 6.1, Section 6.2, Section 9.3, or Article 10 below. The Deposit shall be deducted from the Purchase Price at Closing as provided in Section 3.3 below.

3.3 Closing. The Purchase Price (i) minus the Deposit, (ii) plus any other amounts required to be paid by Greeley at Closing, and (iii) plus or minus any other agreed-upon proration or credits shall be paid by Greeley at Closing by cashier's check, wire transfer or other immediately available funds.

ARTICLE 4 TITLE

4.1 Greeley may secure, at its own expense, an ownership and encumbrances report (“O&E Report”) or title commitment (“Title Commitment”) to be issued by the Title Company and covering the Walker Farm to include information regarding the status of title to the Walker Farm and showing the Title Company’s search results for all recorded liens, claims, encumbrances, easements, rights of way, encroachments, reservations, restrictions and other matters of record affecting title to the Walker Farm (the copies of all recorded documents in the Title Commitment are collectively referred to as “Seller’s Title Documents”).

4.2 Within fourteen (14) days after the Effective Date of this Agreement, Seller shall provide the following to Greeley for review:

A. A fully executed historical consumptive use affidavit and questionnaire describing the historical use of the Water Rights, in the form of Exhibit G attached hereto and incorporated herein.

B. To the extent the same exist, true and correct copies of all Company documents related to the Water Rights, including but not limited to delivery records and share traces. Seller agrees that Company documents, including but not limited to the share trace, are a necessary component of Greeley's inspection activities. Seller shall request such documents as soon as is reasonably possible after the Effective Date of this Agreement. Greeley will be responsible for any costs or fees associated with obtaining such documents from WSSC. The Parties acknowledge that these documents may not be available within fourteen days of the Effective Date of this Agreement. If the Company provides such documents less than seven (7) days before the end of the Inspection Period (defined below), then the Inspection Period shall be automatically extended for an additional fourteen (14) days.

C. To the extent the same exist and are in Seller's possession, true and correct copies of all: (i) documents that relate to the title, use, quantity, quality and condition of the Water Rights, including, but not limited to, any deeds or other conveyances, assignments, permits, adjudications or court orders, any testing reports, and any records maintained by Seller; (ii) contracts or other agreements relating to the development, operation, maintenance or leasing or otherwise affecting the Water Rights and Walker Farm; and (iii) any engineering, investigation or inspection document or reports related to the Water Rights and Walker Farm, (collectively referred to as "Seller's Off-Record Documents").

4.3 Condition and Vesting of Title to the Water Rights; Conveyance. At Closing, Seller shall convey the WSSC Share and Lateral Share to Greeley by special warranty deed, in the form attached as Exhibit H and free and clear of all liens and encumbrances.

ARTICLE 5 INSPECTION PERIOD

5.1 Inspections.

A. Inspection Period; Right to Inspect. During the period of time commencing upon the Effective Date and continuing until 4:00 p.m., Mountain Time, on the sixty-third (63rd) day thereafter ("Inspection Period"), unless automatically extended in accordance with Section 4.2.B. above, Greeley and its authorized agents, representatives and consultants shall be entitled to: (i) enter upon the Walker Farm at all reasonable times, to perform such tests or inspections, as Greeley deems desirable, to allow Greeley to evaluate the Water Rights and the condition and use of the Water Rights; (ii) contact and interview the managers, members, employees and agents of Seller to assist Greeley in determining the historical use of the Water Rights; (iii) contact the officers, directors, attorneys, and shareholders of WSSC to inspect any Company records and/or determine under what conditions the Company will approve a change in the place of delivery or use, or the point of diversion, of the Water Rights and other Company shares obtained or to be obtained by Greeley, pursuant to the bylaws of the Company or other applicable law (collectively referred to as "Inspections"). Seller agrees to cooperate with Greeley to facilitate such interviews and/or the signing of any affidavits of use of the Water Rights by Seller or to facilitate such contact and/or request for information or determination by the Company. Greeley shall bear all costs of such Inspections. Seller agrees to reasonably cooperate with any such Inspections made by or at Greeley's direction.

B. Conditions of Greeley's Access. Greeley shall provide 48-hours' notice to Seller before Greeley, its authorized agents, representatives and consultants enter upon the Walker Farm. Greeley and its authorized agents, representatives and consultants (i) shall not unreasonably interfere with the operation and maintenance of the Walker Farm; (ii) shall comply with all reasonable requirements imposed upon them in connection with such inspection by Seller; (iii) shall not injure or otherwise cause bodily harm to Seller, their

agents, contractors or employees; (iv) shall promptly pay when due the costs of all Inspections done with regard to the Water Rights; (v) shall not permit any liens to attach to the Walker Farm by reason of the exercise of its rights hereunder; and (vi) shall restore the Walker Farm as nearly as practicable to substantially the same condition in which the Walker Farm was found before any such Inspections were undertaken. Notwithstanding anything in this Agreement to the contrary, Greeley shall not be permitted to perform any invasive tests on the Walker Farm without Seller's prior written consent, which consent may be withheld in Seller's sole discretion. Greeley shall require any authorized agents, representatives and consultants who enter the Walker Farm to sign a waiver absolving Seller from any and all liability that may stem from such entry in the form attached as Exhibit J.

5.2 Objections.

A. Greeley's Objections. If during the Inspection Period, Greeley for any reason, in Greeley's sole discretion, judgment and opinion, disapproves or is dissatisfied with any aspect of the Water Rights or its Inspections relating thereto, Greeley shall be entitled to terminate this Agreement by giving written notice to Seller on or before the expiration of the Inspection Period, whereupon the Deposit shall be returned to Greeley and all provisions of this Agreement (with the exception of those obligations which by their nature are intended to survive the termination of this Agreement) shall terminate. If Greeley's written notice of termination is not delivered to Seller prior to the expiration of the Inspection Period, the Deposit shall not be refunded to Greeley if, for any reason other than as a result of a default by Seller or pursuant to Section 6.1, Section 6.2, Section 9.3 or Article 10, the Closing of this transaction does not occur.

ARTICLE 6 CLOSING

CLOSING CONTINGENCIES; CLOSING

6.1 Governing Body Approvals. Greeley's obligation to close on the Water Rights is contingent upon (i) approval by the Board of this Agreement no later than twenty-eight (28) days after the expiration of the Inspection Period ("Governmental Approval Period") and (ii) the Council's appropriation of funds for the Purchase Price on or before the expiration of the Governmental Approval Period. In the event that the Board has not approved this Agreement or the Council fails to appropriate funds for the Purchase Price at the expiration of the Governmental Approval Period, then, in such event, upon Greeley's written notice to Seller, this Agreement shall terminate, whereupon the Deposit shall be returned to Greeley and neither Party shall have any further obligation to the other hereunder except for those obligations which, by their nature, are intended to survive the termination of this Agreement.

6.2 Dry-up Acreage. The Parties' obligation to close on the Water Rights is contingent upon their mutual agreement concerning the location of fifty-six (56) acres on the Walker Farm that will be subject to the Covenants. The Parties shall work in good faith to determine the location of the fifty-six (56) acres that will be subject to the Covenants, and Greeley shall obtain, at its sole expense, a survey and legal description of such acreage for use as Exhibit 2 to the Covenants. In the event the Parties do not mutually agree on a final Exhibit 2 to the Covenants on or before the expiration of the Governmental Approval Period, this Agreement shall automatically terminate, whereupon the Deposit shall be returned to Greeley and neither Party shall have any further obligation to the other hereunder except for those obligations which, by their nature, are intended to survive the termination of this Agreement.

6.3 Closing. The Closing shall occur at 1:30 p.m. at the Title Company fourteen (14) days after the expiration of the Governmental Approval Period, or at such other time and place as may be mutually agreed upon by the Parties.

6.4 Transactions at Closing.

A. On or before the Closing Date, Seller shall deliver or cause to be delivered to the Title Company, acting as escrow agent, the following documents duly executed and acknowledged where appropriate:

- (1) The original WSSC Certificate and Lateral Certificate.
- (2) The Covenants in the form of Exhibit E.
- (3) The Water Lease in the form of Exhibit F.
- (4) A special warranty deed conveying the Water Rights free and clear of all liens and encumbrances in the form of Exhibit H.
- (5) Stock assignments transferring ownership of the WSSC Share and the Lateral Share, and the water rights represented thereby, in the form of Exhibit I.
- (6) A certificate of non-foreign status pursuant to Section 1445 of the Internal Revenue Code of 1986, as amended, together with any other certificates required pursuant to Colorado law.
- (7) A statement of authority.
- (8) A certificate as to Taxpayer Identification Number.
- (9) A closing settlement statement executed by Seller.
- (10) Such other documents as may be reasonably necessary and appropriate to complete the Closing of the transaction contemplated herein.

B. On or before the Closing Date, Greeley shall deliver to the Title Company, acting as escrow agent, the following documents duly executed and acknowledged where appropriate:

- (1) The Purchase Price, subject to any such credits and adjustments as herein provided, and any such additional sum as necessary to pay Greeley's share of closing costs, agreed-upon prorations and fees more particularly set forth herein.
- (2) Documentation in such form as may be satisfactory to Seller and the Title Company, evidencing Greeley's full authority and capacity to purchase the Water Rights (e.g., Water and Sewer Board meeting minutes).
- (3) The Water Lease in the form of Exhibit F.
- (4) A closing settlement statement executed by Greeley.
- (5) Such other documents as may be reasonably necessary and appropriate to complete the Closing of the transaction contemplated herein.

ARTICLE 7

PRORATIONS; CLOSING COSTS

7.1 Ditch Assessments. Seller agrees to fully pay and continue to pay any and all assessments, including special assessments, levied by WSSC and The Darnell Lateral Ditch Company associated with and accruing to the WSSC Certificate and the Lateral Certificate, and the water rights represented thereby, up to and

including the Closing Date. At Closing, Greeley agrees to assume any such future obligations for assessments incurred after the Closing Date.

7.2 Closing Costs. Greeley shall pay for the costs of recording the deed for the Water Rights and the Covenants, water stock transfer fees, and one-half (1/2) of the Title Company closing costs. Seller shall pay for one-half (1/2) of the Title Company closing costs. Each Party shall pay its own attorneys' fees and Greeley shall be solely responsible for the payment of any escrow fees to the Title Company.

ARTICLE 8 REPRESENTATIONS AND WARRANTIES

8.1 Seller represents and warrants to Greeley as follows:

A. Ownership and Encumbrances. Seller is now and will remain, until the conclusion of the Closing, the lawful owner of the WSSC Share and Lateral Share and of the Walker Farm property that will be subject to the Covenants. To the best of Seller's knowledge, the WSSC Share and Lateral Share are free of any liens, encumbrances and third-party claims except those of Greeley, and Seller has the ability to fully grant the Covenants free of any liens, encumbrances, and third-party claims. From the Effective Date of this Agreement until the Closing, Seller shall not encumber the WSSC Share and Lateral Share, or any interest therein, in any way nor grant any property or contract right relating to the WSSC Share, Lateral Share, Walker Farm, or any other interests that would impact Seller's ability to grant the Covenants, without the prior written consent of Greeley.

B. Litigation. To Seller's current actual knowledge, there is no dispute, action or litigation pending or threatened respecting the ownership or use of the Water Rights or other interests related thereto, or the Walker Farm.

C. Contracts, Leases and Agreements. From the Effective Date of this Agreement until the Closing, unless accepted by Greeley in writing, Seller shall not enter into any contracts, leases, licenses, commitments or undertakings respecting the use or maintenance of the Water Rights by which Greeley would be obligated or liable to any third party.

D. Status. Seller has all requisite legal power and authority to own and convey the Water Rights and to perform the terms of this Agreement.

E. No Abandonment. The WSSC Share and Lateral Share have not been abandoned by Seller.

F. Compliance with Law. To the best of Seller's current actual knowledge, Seller has complied in all material respects with all laws, rules, regulations, ordinances, orders, judgments and decrees applicable to the Water Rights, and to Seller's current actual knowledge there is no proposed order, judgment, decree, governmental taking or other proceeding applicable to Seller which might adversely affect the Water Rights.

Seller shall provide Greeley with a written certification at Closing confirming that the foregoing representations are true and correct as of the Closing Date.

8.2 Water Rights Adjudication. The Parties acknowledge and agree that a change of the Water Rights and/or other water rights adjudications may be necessary to allow Greeley's use of the Water Rights for its intended purpose. Unless this Agreement is terminated pursuant to the provisions herein, Seller agrees that it shall not oppose, but shall cooperate with Greeley, in any actions Greeley files in Water Court or administrative or other proceedings for approval of the use of the Water Rights as part of an application for new water rights

(including direct flow or storage rights), changes of water rights, exchanges or plans for augmentation or substitution or in connection with the Water Rights. Seller shall not be required to file briefs in support of Greeley's application or take any affirmative action other than to appear and testify honestly about the Water Rights and provide any documentation of use or other relevant historical use information, provided that Seller shall not be required to incur any expense to do so. The terms and provisions set forth in this Section 8.2 and the covenants and obligations arising therefrom shall survive the Closing and shall not be deemed merged into the closing documents.

ARTICLE 9 CONDITIONS TO CLOSING; REMEDIES

9.1 Seller's Conditions. The obligation of Seller to sell and convey the Water Rights under this Agreement is subject to the satisfaction of the following conditions precedent or conditions concurrent (the satisfaction of which may be waived only in writing by Seller):

- A. Satisfaction of the closing contingency in Section 6.2.
- B. Delivery and execution by Greeley of all monies, items, and other instruments required to be delivered by Greeley to the Closing.
- C. All of the actions by Greeley required by this Agreement shall have been completed.
- D. There shall be no uncured default by Greeley of any of their obligations under this Agreement.

9.2 Greeley's Conditions. The obligation of Greeley to acquire the Water Rights under this Agreement is subject to the satisfaction of the following conditions precedent or conditions concurrent (the satisfaction of which may be waived only in writing by Greeley):

- A. Satisfaction of the closing contingencies under Sections 6.1 and 6.2.
- B. Delivery and execution by Seller of all items and other instruments required to be delivered by Seller to the Closing.
- C. All of the actions by Seller contemplated by this Agreement shall have been taken.
- D. There shall be no uncured default by Seller of any of its obligations under this Agreement.
- E. The representations and warranties made by Seller as specifically set forth herein shall be true and correct as of the Closing Date and shall not be deemed waived in the event Greeley shall elect to close pursuant to Section 9.3(A)(3) below.

9.3 Failure of Condition.

A. Except as set forth in Section 9.3(B) below, in the event of a failure of any condition contained in Section 9.2, Greeley may in its sole discretion:

- (1) Terminate this Agreement by notice to Seller, in which event (i) all funds deposited by Greeley under this Agreement as of such date shall be immediately returned to Greeley and (ii) all documents deposited by Greeley or delivered to Seller by Greeley shall be immediately returned to

Greeley and all documents deposited by Seller or delivered to Greeley by Seller shall be immediately returned to Seller; or

(2) Greeley may waive such default or condition and close the transaction.

B. In the event of a failure of any condition contained in Section 9.1 above, Seller may in its sole discretion:

(1) Terminate this Agreement by notice to Greeley, in which event Seller shall (i) retain the Deposit as liquidated damages and (ii) all documents deposited by Greeley or delivered to Seller by Greeley shall be immediately returned to Greeley and all documents deposited by Seller or delivered to Greeley by Seller shall be immediately returned to Seller; or

(2) Seller may waive such default or condition and close the transaction.

C. Seller and Greeley hereby waive any rights they may have to specific performance in the event of a default by either party.

9.4 Liquidated Damages. If Greeley defaults in any of its obligations under this Agreement, Seller shall be entitled to terminate this Agreement and retain the amount of the Deposit described in Section 3.2 ("Specified Sum"), as liquidated damages. SELLER AND GREELEY ACKNOWLEDGE THAT SELLER'S DAMAGES WOULD BE DIFFICULT TO DETERMINE AND THAT THE SPECIFIED SUM IS A REASONABLE ESTIMATE OF SELLER'S DAMAGES.

ARTICLE 10 CONDEMNATION

If prior to Closing all or a "Material Part" (defined below) of the Water Rights and/or Walker Farm is subject to a proposed taking by any public authority, Seller shall promptly notify Greeley of such proposed taking and Greeley may terminate this Agreement by notice to Seller within fourteen (14) days after written notice thereof. If Greeley so elects, and following the return to Greeley of the Deposit, this Agreement (with the exception of those obligations which by their nature are intended to survive the termination of this Agreement) shall be of no further force and effect. If Greeley does not terminate this Agreement, or if the taking is as to a non-Material Part of the Water Rights, Greeley shall accept title to the Water Rights subject to the taking without a reduction in the Purchase Price and shall receive at Closing an assignment of all of Seller's rights to any condemnation award and Greeley shall have the sole right after the Closing to negotiate and otherwise deal with the condemning authority in respect of such matter. A Material Part of the Water Rights for purposes of this Article 10 shall mean a portion that would have a material adverse effect on Greeley's use of the Water Rights as determined by Greeley in its good faith judgment.

ARTICLE 11 BROKERAGE

Seller and Greeley hereby warrant to each other that there are no real estate agents or other brokers or finders involved in this transaction who are entitled to receive a brokerage or finder's fee. Seller agrees to indemnify Greeley and hold Greeley harmless from any loss, liability, damage, cost or expense (including, without limitation, reasonable attorneys' fees) paid or incurred by Greeley by reason of any claim to any broker's, finder's or other fee in connection with this transaction by any third party claiming by, through or under Seller, excluding, however, any party claiming through Greeley, its successors or assigns. This obligation shall survive the Closing of this transaction.

ARTICLE 12
NOTICES

Any notice or other communication given by any of the Parties hereto to another relating to this Agreement shall be in writing and shall be deemed to have been duly given by delivery to the respective addresses provided below, or such other address changed by the recipient by notice consistent with this Article: (i) on the date and at the time of delivery if delivered personally to the Party to whom notice is given at such address; or (ii) on the date and at the time of delivery or refusal of acceptance of delivery if delivered or attempted to be delivered by an overnight courier service to the Party to whom notice is given at such address; or (iii) on the date of delivery or attempted delivery shown on the return receipt if mailed to the Party to whom notice is to be given by first-class mail, sent by registered or certified mail, return receipt requested, postage prepaid and properly addressed to such address; or (iv) if an e-mail address is specified, on the date and at the time shown on the e-mail message if sent to the e-mail address specified below, with no bounce-back received within three (3) days:

If to Seller:

Greg Walker
7288 County Road 78
Windsor, CO 80550
Telephone: (970) 215-6637
Email: gswalker69@gmail.com

With a copy to:

Brent Bartlett
Fischer, Brown, Bartlett, Larsen & Irby, PC
1319 E. Prospect Road
Fort Collins, CO 80525
Telephone: (970) 407-9000
Email: brentbartlett@fischerbrownlaw.com

If to Greeley:

City of Greeley
Attention: Water and Sewer
1001 11th Street, 2nd Floor
Greeley, CO 80631
Telephone: (970) 350-9812
Email: cole.gustafson@greeleygov.com

With a copy to:

City of Greeley
Attention: City Attorney's Office
1100 10th Street, Ste. 401
Greeley, CO 80631
Telephone: (970) 350-9757
Email: daniel.biwer@greeleygov.com

ARTICLE 13
MISCELLANEOUS

13.1 No Waiver of Governmental Immunity/No Third-Party Beneficiary. This Agreement shall not create any duty of care or liability with respect to any person or entity not a party to this Agreement or waive any of the privileges or immunities Greeley or its officers, employees, successors and assigns may present pursuant to law, including, but not limited to, the Colorado Governmental Immunity Act, C.R.S. §§ 24-10-101, *et seq.*, as amended.

13.2 Time. Except for the giving of notices or the delivery of the Deposit or the Purchase Price, time being of the essence, neither Party shall be deemed in default hereunder unless such Party fails to cure such default within seven (7) days of written notice of default from the other Party.

13.3 Attorneys' Fees. If any legal action, arbitration or other proceeding is commenced to enforce or interpret any provision of this Agreement or to enforce any indemnity, the prevailing party shall be awarded its attorneys' fees and expenses, in addition to any other relief granted. The phrase "prevailing party" shall include a party who receives substantially the relief desired whether by dismissal, summary judgment, judgment or otherwise. This provision shall survive the termination of this Agreement for purposes related this Agreement only.

13.4 No Waiver. No waiver by any Party of the performance or satisfaction of any covenant or condition shall be valid unless in writing and shall not be considered to be a waiver by such Party of any other covenant or condition hereunder.

13.5 Entire Agreement. This Agreement contains the entire agreement among the Parties regarding the Water Rights and supersedes all prior agreements, whether written or oral, among the Parties regarding the same subject, excluding only the closing documents executed in connection therewith. This Agreement may only be modified by mutual written agreement duly authorized and executed by the Parties.

13.6 Survival of Representations and Warranties. All representations, obligations, liabilities, warranties, covenants, agreements and monetary obligations of Seller and Greeley as set forth in this Agreement shall survive the Closing and consummation of this transaction contemplated by this Agreement until the complete discharge thereof. All warranties of title set forth in any deed or assignment delivered or made hereunder shall survive without limit.

13.7 Successors. Subject to Section 13.8, this Agreement shall bind and inure to the benefit of the Parties hereto and their respective successors and permitted assigns.

13.8 Assignment. This Agreement is not assignable by Seller or Greeley without first obtaining the prior written approval of the other Party. No assignment shall relieve either of the Parties from its respective obligations hereunder if such obligations are not properly discharged by the assignee of such Party.

13.9 Relationship of the Parties. The Parties acknowledge that neither Party is an agent for the other Party, and that neither Party shall or can bind or enter into agreements for the other Party.

13.10 Governing Law and Construction. This Agreement and the legal relations between the Parties hereto shall be governed by and construed in accordance with the laws of the State of Colorado. The Parties hereby agree that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement or any amendments or exhibits hereto.

13.11 Possession. Seller shall deliver to Greeley possession of the Water Rights, on the Closing Date, upon release from escrow of all items to be delivered by Greeley to the Closing, including, without limitation, the Purchase Price.

13.12 Review by Counsel. The Parties acknowledge that each Party and its legal counsel have reviewed and approved this Agreement.

13.13 Calendar Days. In the event any time period set forth in this Agreement commences, expires or is determined from a date which falls on a Saturday, Sunday, legal holiday of the State of Colorado or other non-business day, the date of such commencement, performance, expiration or determination shall automatically be extended to the next business day that is not a Saturday, Sunday, legal holiday of the State of Colorado or other non-business day.

13.14 Counterparts. This Agreement may be executed in any number of counterparts each of which, when taken together, shall constitute one agreement. This Agreement shall only be effective when counterparts are signed by both Seller and Greeley. Executed copies of this Agreement may be delivered by electronic means. The Parties agree to accept and be bound by signatures hereto delivered by electronic means.

13.15 Water and Sewer Board Approval Required. GREELEY'S OBLIGATIONS UNDER THIS AGREEMENT ARE EXPRESSLY CONTINGENT UPON THE APPROVAL OF THIS AGREEMENT BY THE GREELEY WATER AND SEWER BOARD.

13.16 Acceptance. Upon execution and delivery of this Agreement by Seller and Greeley, as approved by the Board, this Agreement shall constitute an agreement to purchase the Water Rights on the terms and conditions set forth herein.

13.17 Greeley and Seller hereby acknowledged that it is the intent of the Seller to effect an IRC §1031 tax deferred exchange, which shall not delay the Closing or cause additional expense to Greeley. Seller may assign its rights under this Agreement to a Qualified Intermediary for the purpose of completing such an exchange. Greeley agrees to cooperate with the Seller in any reasonable manner necessary to complete the exchange, provided that Greeley shall not be required to incur any additional expense to do so.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the dates set opposite their respective signatures below.

GREG WALKER, in his individual capacity

By: 

Date: 7/9/2024

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

By: _____
City Manager

Date: _____

As to Water and Sewer Board Approval:

By: _____
Water and Sewer Board Chairman

As to Availability of Funds:

By: _____
Director of Finance

As to Legal Form:

By: _____
City Attorney's Office

EXHIBIT A
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

Parcel 1 (Weld County Parcel No. 070529200011)

PT NW4 29 7 67 LOT D RE-3978 EXC COMM NW COR N90D00E 122.02 TO POB N90D00E 620 S11D43W 927.58 N68D06W 297.28 N00D28E 415.64 N24D56W 376.93 N00D00W 40 TO POB

Parcel 2 (Weld County Parcel No. 070529200010)

PT NW4 29 7 67 LOT D RE-3978 COMM NW COR N90D00E 122.02 TO POB N90D00E 620 S11D43W 927.58 N68D06W 297.28 N00D28E 415.64 N24D56W 376.93 N00D00W 40 TO POB

Parcel 3 (Weld County Parcel No. 070529200024)

PT NW4 29-7-67 LOT B REC EXEMPT RE-3978

Parcel 4 (Weld County Parcel No. 070529200023)

PT NW4 29-7-67 LOT A REC EXEMPT RE-3978

Parcel 5 (Weld County Parcel No. 070530100002)

PT NE4 30-7-67 LOT B REC EXEMPT RE-3977

Parcel 6 (Weld County Parcel No. 070530100001)

PT NE4 30-7-67 LOT A REC EXEMPT RE-3977

EXHIBIT B
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[WSSC Certificate No. 6627]

INCORPORATED UNDER THE LAWS OF
THE STATE OF COLORADO

NUMBER

6627

SHARES

** TWO (2) *



The Water Supply & Storage Company

900 TOTAL AUTHORIZED SHARES COMMON STOCK - PAR VALUE \$100.00

This Certifies that * * * * * GREGORY S. WALKER * * * * * is the
owner of * * * * * TWO (2) * * * * * Shares

The Water Supply & Storage Company

*transferable only on the books of the Corporation by the holder hereof in person
or by attorney upon surrender of this Certificate properly endorsed.*

*In Witness Whereof, the said Corporation has caused this Certificate to be signed
by its duly authorized officers and its Corporate Seal to be hereunto affixed*

14th day of January 2013

Heather Shuck
SECRETARY

Gregory S. Walker
PRESIDENT

8702 WATER SUPPLY & STORAGE

EXHIBIT C
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Lateral Certificate No. 23]

COLORADO CORPORATION

NUMBER

23

SHARES

3.5

Darnell Lateral Ditch Company

WINDSOR, COLORADO

This represents that

Greg S Walker

3.5

is the

registered holder of

Shares

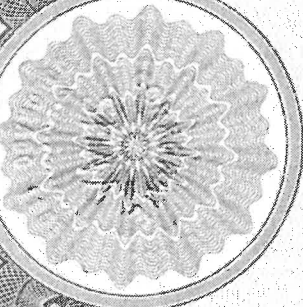
THIS STOCK SUBJECT TO ALL THE BY-LAWS AND RULES AND REGULATIONS OF THE COMPANY.
transferable only on the books of the Corporation by the holder hereof in person or by attorney upon surrender of this Certificate properly endorsed.

In Witness Whereof, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its Corporate Seal to be hereunto affixed
NW 1/4 of Sec 29 & This 5th day of February A.D. 1914
That portion of the S 1/2 of Sec 29 and the NW 1/4 of Sec 30 that lies above the Larimer & Weld canal

Steve A. Hunter

Attest Secretary

Mervin S. Heffner
President



NOTICE: THE SIGNATURE OF THIS ASSIGNMENT
MUST CORRESPOND WITH THE NAME AS WRITTEN UPON THE
FACE OF THE CERTIFICATE, IN EVERY PARTICULAR, WITHOUT
ALTERATION OR ENLARGEMENT OR ANY CHANGE WHATSOEVER.

For Value Received, _____ hereby sell, assign and transfer
unto _____

Shares _____
represented by the within Certificate, and do hereby
irrevocably constitute and appoint

Attorney _____
to transfer the said Shares on the books of the within named
Corporation with full power of substitution in the premises.

In presence of _____

19 _____

Dated _____

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EXHIBIT D
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[WSSC Water Rights Table]

EXHIBIT B
Water Supply Storage Company Water Rights

<u>Name</u>	<u>Amount</u>		<u>Source</u>	<u>Location</u> <u>10 40 160 Sec Twn Rge</u>	<u>Appropriation</u> <u>Date</u>	<u>Adjudication</u> <u>Date</u>	<u>Judicial</u> <u>Proceeding</u>
<u>Direct-Flow(Dist.3)</u>							
Larimer County Canal	10.76	cfs	CLP ¹	SW SE SW 13-8N-70W	1862/03/01	1882/04/11	Case 320 Transfer (1423 TT)
Larimer County Canal	13.89	cfs	CLP	SW SE SW 13-8N-70W	1864/09/15	1882/04/11	Case 320 Original (1423 TT)
Larimer County Canal	2.00	cfs	CLP	SW SE SW 13-8N-70W	1868/03/15	1882/04/11	Case 320 Original (2406 TT)
Larimer County Canal	2.67	cfs	CLP	SW SE SW 13-8N-70W	1868/13/15	1882/04/11	Case 320 Original (2818 TT)
Larimer County Canal	4.00	cfs	CLP	SW SE SW 13-8N-70W	1873/03/20	1882/04/11	Case 320 Original (2406 TT)
Larimer County Canal (Henry Smith)	7.23	cfs	CLP	SW SE SW 13-8N-70W	1878/04/01	1882/04/11	Case 320 Original
Larimer County Canal	463.00	cfs	CLP	SW SE SW 13-8N-70W	1881/04/25	1882/04/11	Case 320 Original
Larimer County Canal	246.45	cfs	CLP	SW SE SW 13-8N-70W	1914/09/28	1945/12/18	Case 5362 (84CW204) Supp.
<u>Storage (Dist. 3)</u>							
Chambers Lake Reservoir	3080.0	AF	Joe Wright Creek, Fall River Creek and Trap Creek	NE NE SE 6-7N-75W	1882/07/12	1886/10/12	Case 320 Original
WSSC Res. No. 2,3	689.0	AF	CLP	NE SE SW 14-8N-69W	1882/10/01	1904/12/09	Case 1591 Original
WSSC Res. No. 4	574.0	AF	WSSC Res. No. 2,3	SE NE SW 23-8N-69W	1882/10/01	1904/12/09	Case 1591 Original
WSSC Res. No. 1 (Rocky Ridge)	4726.0	AF	CLP	SW SE SW 11-8N-69W	1891/09/01	1904/12/09	Case 1591 Original
WSSC Res. No. 5 (Long Pond)	4037.0	AF	CLP	SW SE NW 31-8N-68W	1891/09/01	1904/12/09	Case 1591 Original
Lindemeier Lake	608.0	AF	Long Pond Res.	SW NW NE 6-7N-68W	1892/02/16	1904/12/09	Case 1591 Original
WSSC Res. No. 4	310.0	AF	Long Pond Res.	23-8N-69W	1892/02/16	1904/12/09	Case 1591 (W-7821-74) Original
WSSC Res. No. 4	422.0	AF	WSSC Res. No. 2,3	SE NE SW 23-8N-69W	1900/12/12	1904/12/09	Case 1951 Original
Black Hollow Res.	6458.0	AF	CLP	SE SE SE 34-8N-67W	1906/02/20	1922/04/22	Case 2031 Supp.
Chambers Lake Reservoir	3577.0	AF	Joe Wright Creek, Fall River Creek and Trap Creek	NE NE SE 6-7N-75W	1910/05/28	1922/04/22	Case 2031 Supp.
Kluer Res.	1562.0	AF	CLP	SW NE NW 23-8N-69W	1911/05/01	1945/12/18	Case 5362 Supp.
Black Hollow Res.	2158.0	AF	CLP	SE SE SE 34-8N-67W	1918/10/05	1945/12/18	Case 5362 Supp.
Long Draw Res	4201.0	AF	Long Pond Res.	NE NW SE 11-6N-75W	1922/06/05	1945/12/18	Case 5362 Supp.

EXHIBIT B
Water Supply Storage Company Water Rights

<u>Name</u>	<u>Amount</u>		<u>Source</u>	<u>Location</u> <u>10 40 160 Sec Twn Rge</u>	<u>Appropriation</u> <u>Date</u>	<u>Adjudication</u> <u>Date</u>	<u>Judicial</u> <u>Proceeding</u>
Chambers Lake Reservoir	2197.0	AF	Joe Wright Creek, Fall River Creek and Trap Creek	NE NE SE 6-7N-75W	1922/12/03	1945/12/18	Case 5362 Supp.
WSSC Res. No. 2,3	3615.0	AF	CLP	NE SE SW 14-8N-69W	1943/10/04	1953/09/10	Case 11217 Supp.
WSSC Res. No. 2,3	445.9	AF	CLP	NE SE SW 14-8N-69W	1943/10/04	1953/09/10	Case 11217 (W-112-74) Supp.
WSSC Res. No. 2,3	138.0	AF	CLP	NE SE SW 14-8N-69W	1943/10/04	1977/12/31	W-112-77 Supp.
Long Draw Res	6600.0	AF	CLP	NE NW SE 11-6N-75W	1965/08/31	1977/12/31	W-9322-78 (83CW126) Supp.
Trap Lake II	3800.0	AF	Trap Creek	NW NW SW 21-7N-75W	1982/06/16	1982/12/31	82CW289 Supp. - Cond.
<u>Transbasin</u>							
Chambers Lake Reservoir	11478.0	AF	Big Laramie River	6-7N-75W	1891/08/07	1896/10/30	Case 1247 Original
Laramie River Ditch (Skyline Ditch)	300.0	cfs	West Branch Laramie River	NE NE SW 14-8N-76W	1891/08/07	1896/10/30	Case 1247 Original (84CW204) Supp.
Cameron Pass Ditch	10.0	cfs	Michigan River	SE 2-6N-76W	1882/07/30	1902/04/23	Case 1519 Original
Cameron Pass Ditch	18.0	cfs	Michigan River	NW SE 2-7N-76W	1898/07/7	1902/05/23	Case 1519 Original
Grand River Ditch Alternate Point Alternate Point	524.6	cfs	Colorado River	NE SW NW 21-6N-75W NW NE NW 28-5N-76W NW NE SE 29-6N-75W	1890/09/01	1906/08/11	Case 112 Original
Laramie River Tunnel ²	300.0	cfs	Big Laramie River	NE SW 7-8N-75W	1902/08/25	1914/02/20	Case 2725 Case 5993 (84CW204) Supp.
Rawah Ditch ²	225.0	cfs	Rawah Creek	NE NE SW 32-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Rawah and Lower Supply Ditch ²	275.0	cfs	Rawah Creek	SE SE SW 14-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
McIntyre Ditch ²	40.0	cfs	McIntyre Creek	SE NE NE 31-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 1 ^[2]	1050.0	AF	Rawah Creek	SE 7-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 2 ^[2]	1400.0	AF	Rawah Creek	SW 5-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 3 ^[2]	525.0	AF	Rawah Creek	NW 5-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 4 ^[2]	592.0	AF	Rawah Creek	SW 32-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 5 ^[2]	700.0	AF	Rawah Creek	NE 5-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.

EXHIBIT B
Water Supply Storage Company Water Rights

<u>Name</u>	<u>Amount</u>		<u>Source</u>	<u>Location</u> <u>10 40 160 Sec Twn Rge</u>	<u>Appropriation</u> <u>Date</u>	<u>Adjudication</u> <u>Date</u>	<u>Judicial</u> <u>Proceeding</u>
Link Lake No. 6 ^[2]	300.0	AF	Rawah Creek	SW 32-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 7 ^[2]	440.0	AF	Rawah Creek	NE 5-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 8 ^[2]	2000.0	AF	Rawah Creek	SW 4-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 9 ^[2]	574.0	AF	Rawah Creek	NE 6-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 10 ^[2]	425.0	AF	McIntyre Creek	NE 31-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 11 ^[2]	1148.0	AF	McIntyre Creek	SW 31-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 12 ^[2]	138.0	AF	Rawah Creek	NW 4-8N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 13 ^[2]	597.0	AF	Rawah Creek	NE 29-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Link Lake No. 14 ^[2]	597.0	AF	Spring Creek	NE 29-9N-76W	1902/08/25	1914/02/20	Case 2725 Case 5993 Supp.
Laramie Lake	340.0	AF	Drainage	SE NW 32-8N-75W	1890/07/01	1944/09/11	Case 5993 Supp.
Lost Lake	288.0	AF	Drainage	SW SE 31-8N-75W	1890/07/02	1944/09/11	Case 5993 Supp.
Lily Lake	178.0	AF	Drainage	SE NW 29-8N-78W	1912/07/01	1944/09/11	Case 5993 Supp.
<u>Seepage</u>							
Lind Reservoir ^[2]	54.9	AF	Seepage	SE NE SE 35-8N-68W	1881/04/21	1972/12/31	W-1748 W-1877 Supp.
WSSC Seepage A	2.0	cfs	Seepage	NE NE NW 20-8N-69W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage B	2.0	cfs	Seepage	SE SE SE 17-8N-69W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 1	5.0	cfs	Seepage	SW NW SW 4-8N-69W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 2	12.0	cfs	Seepage	SW NW NE 3-8N-69W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 2A	4.0	cfs	Seepage	NE NE SW 3-8N-69W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 2b	2.0	cfs	Seepage	NW SW SE 17-8N-68W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 3	20.0	cfs	Seepage	NE SW NW 14-8N-68W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 4	1.0	cfs	Seepage	NE NW SW 14-8N-68W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 6	2.0	cfs	Seepage	NW NW SW 31-8N-67W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 7	2.0	cfs	Seepage	NW SW SE 6-7N-67W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 7a	0.1	cfs	Seepage	SW NE SW 8-7N-67W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 7b	0.3	cfs	Seepage	SW SW SE 8-7N-67W	1881/04/21	1972/12/31	W-1877 Supp.

EXHIBIT B
Water Supply Storage Company Water Rights

<u>Name</u>	<u>Amount</u>		<u>Source</u>	<u>Location</u> <u>10 40 160 Sec Twn Rge</u>	<u>Appropriation</u> <u>Date</u>	<u>Adjudication</u> <u>Date</u>	<u>Judicial</u> <u>Proceeding</u>
WSSC Seepage 7c	2.0	cfs	Seepage	NW NW SW 13-7N-67W	1960/06/01	1972/12/31	W-1877 Supp.
WSSC Seepage 8	0.6	cfs	Seepage	NE SE SE 5-7N-66W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 9	1.0	cfs	Seepage	SE NE SE 5-7N-66W	1881/04/21	1972/12/31	W-1877 Supp.
WSSC Seepage 10	0.9	cfs	Seepage	SW NW SW 4-7N-66W	1881/04/21	1972/12/31	W-1877 Supp.

-
1. Cache la Poudre River
2. Partial Ownership

Attachment to Order - 2007CW190

EXHIBIT E
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Form of Restrictive Covenants]

FORM DO NOT EXECUTE

RESTRICTIVE COVENANTS (NO IRRIGATION AND REVEGETATION)

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, and in order to provide the CITY OF GREELEY, a Colorado home rule municipal corporation ("Greeley"), with the maximum benefit available from the present and future use of water pursuant to the water rights described in Exhibit 1 attached hereto and incorporated herein ("Water Rights"), _____, in his individual capacity ("Declarant"), agrees, warrants and covenants on Declarant's own behalf and on behalf of all successors in interest, that upon notice from Greeley, Declarant shall cease irrigation on the lands owned by Declarant and described in Exhibit 2 attached hereto and incorporated herein ("Land").

Upon receipt of one hundred and eighty (180) days prior written notice from Greeley (the "Notice"), thereafter Declarant and Declarant's successors in interest shall not irrigate all or a portion of the Land, as indicated in the Notice. Without limiting Greeley's absolute discretion to issue the Notice, Greeley may determine not to issue the Notice if cessation of irrigation of the Land is not required as a condition of Greeley obtaining approval to change the Water Rights for other uses. These covenants shall not prohibit Declarant or Declarant's successors in interest from irrigating the Land (i) with other water rights which may in the future be transferred to such lands and judicially approved for such use through an appropriate Water Court proceeding, and in accordance with any future water rights applications filed by Greeley or a successor in interest to the Water Rights; (ii) with water from an existing well or wells to be constructed in the future which are authorized to pump pursuant to a Water Court-approved plan for augmentation; (iii) with water which is not tributary to the South Platte River or any of its tributaries; (iv) or with treated potable water supplied by a municipal or quasi-municipal government water provider ("Alternate Water Rights").

Unless so irrigated, then within two and one half (2½) years from the date Declarant ceases to irrigate the Land or any portion thereof with Alternate Water Rights, Declarant or Declarant's successors in interest shall also establish, at Declarant's or Declarant's successors in interest's expense, a ground cover of plant life, as such is defined in C.R.S. § 37-92-103(10.5), on the previously irrigated portions of the Land to satisfy any applicable revegetation and noxious weed management provisions as may be required in a final decree obtained by Greeley, or a successor in interest to the Water Rights, from the District Court for Water Division No. 1, State of Colorado, or a successor court, changing certain water rights from agricultural irrigation purposes to other beneficial purposes, pursuant to C.R.S. § 37-92-305(4.5). Previously irrigated portions of the Land means portions of the Land not occupied by roads, buildings, or other structures, which land was cultivated with crops in accordance with these covenants. Declarant, or Declarant's successors in interest, shall provide notice to Greeley when such revegetation of the Land has been established. Declarant agrees the Land subject to these covenants shall not be planted with crops that are capable of extending roots into the underlying groundwater, including, but not limited to, alfalfa.

Should Declarant or Declarant's successors in interest fail to comply with its obligations hereunder, Greeley shall have the right to come upon the Land and take all measures necessary to accomplish the Declarant's obligations hereunder, including but not limited to revegetation and/or noxious weed management on the Land, provided that Greeley shall also have the right to receive full reimbursement of all of its expenses of accomplishing such revegetation or weed management from Declarant or Declarant's successor in interest. Any and all fees and costs incurred in any necessary action to enforce these covenants by Greeley, including reasonable attorney fees, shall be paid by Declarant. Additionally, Greeley shall have the right to come upon the Land to verify Declarant's compliance with its obligations hereunder, with any such inspections being at the sole expense of Greeley. All rights to enter upon the Land granted herein shall terminate upon a final determination by the District Court for Water Division No. 1, State of Colorado, under the court's retained jurisdiction, that no further actions will be necessary in order to satisfy Declarant's revegetation obligations.

The foregoing covenants shall burden, attach to, and run with the Land and shall be binding upon Declarant and Declarant's successors, assigns and any other person who acquires an ownership or leasehold interest in all or part of the Land; such covenants also shall benefit, attach to, and run with the Water Rights and shall inure to the benefit of Greeley's successors, assigns, and any other person who acquires an ownership interest in the Water Rights. Declarant warrants and represents such covenants shall entitle Greeley to the first and prior right to claim credit for the dry-up or non-irrigation of the Land.

The terms and provisions of these covenants shall not expire and shall be perpetual unless specifically released in writing by Greeley or its successors in interest. The terms and provisions of these covenants may not be terminated, modified, or amended without prior written consent of Greeley or its successors in interest. Any notice may be sent to the Declarant by prepaid U.S. Mail to the Declarant at: _____.

IN WITNESS WHEREOF, the Declarant has executed this instrument on the ____ day of _____ 2024.

DECLARANT

By: _____

Name: _____

Title: _____

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____ 2024 by
_____, as _____.

Witness my hand and official seal.

Notary Public

My commission expires: _____

When recorded return to:

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

EXHIBIT 1
RESTRICTIVE COVENANTS (NO IRRIGATION AND REVEGETATION)

(Description of the Water Rights)

All water and water rights, ditches and ditch rights, reservoirs and reservoir rights, and all other rights and interests represented by one (1) share of capital stock in The Water Supply and Storage Company, evidenced by Stock Certificate No. 6627.

EXHIBIT 2
RESTRICTIVE COVENANTS (NO IRRIGATION AND REVEGETATION)

(Description of the Land)

TO BE DETERMINED AND MUTUALLY AGREED UPON BY THE PARTIES BEFORE EXECUTION
(SEE SECTION 6.2 OF THE PURCHASE AND SALE AGREEMENT)

EXHIBIT F
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Form of Irrigation Water Lease Agreement]

FORM DO NOT EXECUTE

IRRIGATION WATER LEASE AGREEMENT

(Greg Walker)

This IRRIGATION WATER LEASE AGREEMENT ("Agreement") is entered into this ____ day of _____ 2024, by and between the CITY OF GREELEY, a Colorado home rule municipal corporation acting by and through its Water Enterprise, whose address is 1001 11th Avenue, Second Floor, Greeley, Colorado 80631 ("Greeley"), and GREG WALKER, in his individual capacity, whose address is _____ ("Lessee").

RECITALS

WHEREAS, Greeley owns those certain water rights, including the transmountain return flows associated with such rights, represented by one (1) share of capital stock in The Water Supply and Storage Company, previously evidenced by Stock Certificate No. 6627 and one (1) share of stock in The Darnell Lateral Ditch Company, previously evidenced by Stock Certificate No. 23 (collectively "Water Rights"); and

WHEREAS, Lessee desires to lease the Water Rights from Greeley for agricultural irrigation on certain parcels of real property consisting of approximately ____ acres and more particularly described on Exhibit A, attached hereto and incorporated herein by reference ("Property"); and

WHEREAS, Greeley is willing to lease the Water Rights to Lessee for agricultural irrigation on the Property;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Greeley and Lessee agree as follows.

AGREEMENT

1. Water Rights Lease. Greeley hereby leases to Lessee, and Lessee hereby leases from Greeley, the above-described Water Rights for the purpose of agricultural irrigation on the Property.
2. Term of Lease. The term of this Agreement begins on the date of mutual execution and ends after a period of twenty (20) years ("Initial Term"). At the end of this Initial Term, this Agreement shall renew automatically on an annual basis for five (5) subsequent terms of one (1) year each ("Renewal Terms"), unless Greeley or Lessee transmits written notice of nonrenewal on or before November 1 of the preceding calendar year. At any time after 10 years of the Initial Term, Lessee or Greeley may terminate this Agreement for the remaining Initial Term, prior to any irrigation season, for any reason by delivering two years' advance written notice to the other party. Greeley may terminate this Agreement any time after 10 years of the Initial Term during the remaining Initial Term, prior to any irrigation season, by delivering advance written notice to Lessee on or before November 1 of the preceding calendar year, if Greeley determines in its sole discretion that the Water Rights are needed for any municipal purpose, or if Greeley is required to cease irrigation with the Water Rights by the terms and conditions of a water court decree. Refer to Section 12 for provisions relating to termination for cause.
3. Annual Lease Amount and Administrative Fee. Lessee shall pay to Greeley an Annual Lease Amount equal to all assessments, charges, and other expenses due and attributable to the Water Rights paid by Greeley to The Water Supply and Storage Company. The Annual Lease Amount shall not be reduced to reflect rebates or other credits attributable to leasing the transmountain return flows associated with the Water Rights. Lessee shall also pay to Greeley an Annual Administrative Fee equal to five-hundred dollars (\$500.00). Greeley will provide an invoice of the Annual Lease Amount and Annual Administrative Fee to Lessee, and Lessee shall deliver payment of that total amount to Greeley no later than (i) May 15 of the then current irrigation year, or (ii) within fifteen days of receipt of such invoice from Greeley. Lessee shall also remit to Greeley an additional charge equal to fifteen percent of the Annual Lease Amount for every thirty days that payment required under this Agreement is late.
4. Use of Water Rights. Lessee shall use the water delivered pursuant to the Water Rights only for agricultural irrigation on the Property. Lessee shall not use the Water Rights for any other uses. Lessee shall not use the water delivered pursuant to the Water Rights on any land other than the Property. Lessee shall use the Water Rights in accordance

with all rules, regulations, bylaws and policies of The Water Supply and Storage Company and the Darnell Lateral Ditch Company. Lessee shall comply with laws of the State of Colorado pertaining to use of the Water Rights. Lessee shall take and use the water delivered pursuant to the Water Rights to the fullest extent possible and shall undertake no action that could be construed as abandonment of the Water Rights or could cause in part or in whole a reduction in the use of the Water Rights. Lessee shall provide advance written notice to Greeley of at least thirty days if they no longer intend to irrigate the entirety of the Property with the Water Rights. Absent written consent from Greeley, Lessee shall not use any water, water rights, ditches, ditch rights, wells, well rights, well permits, carriage rights, reservoirs, or reservoir rights to irrigate the Property, other than water yielded pursuant to the Water Rights and the Colorado-Big Thompson Project water that Lessee has historically also used to irrigate the Property, to ensure that Lessee shall not diminish the historical consumptive use of the Water Rights.

5. Affidavit of Beneficial Use and Water Court Proceedings. Lessee agrees to deliver to Greeley, on or before May 15 of each calendar year, a completed Beneficial Use Affidavit and Questionnaire, in the form attached hereto as Exhibit B. Lessee acknowledges that Greeley may file an application to change the use of the Water Rights with the Division 1 Water Court for the State Colorado during the term of this Agreement. Lessee agrees to cooperate with Greeley and its agents or representatives in the review and analysis of the historical use of the Water Rights. Upon request from Greeley, Lessee shall provide information regarding use of the Water Rights and reasonable access to the Property during and in preparation for any proceeding before the Division 1 Water Court.

6. Restriction on Sublease and Assignment. Lessee shall not rent, sublet, or otherwise convey the right to use the Water Rights. Lessee shall not assign this Agreement, except to a successive owner or operator of the Property for agricultural irrigation of the Property, and only with written consent from Greeley. Lessee shall request consent from Greeley prior to any purported assignment of this Agreement by advance written notice of at least thirty days. Such consent may be given or withheld in the sole discretion of Greeley.

7. No Vested Interest in Shares or Joint Venture. This Agreement is made expressly subject to Section 17-4 of the Charter of the City of Greeley. Greeley grants no interest in the Water Rights to the Lessee other than as explicitly set forth in this Agreement. Lessee shall make no claim to any rights, title, or interest in the Water Rights other than as explicitly set forth in this Agreement. This Agreement does not create a partnership or joint venture of any kind between the parties, and the Lessee shall bear the entirety of any loss, cost, or expense incurred through their use of the Water Rights on the Property.

8. No Guarantee of Yield. Lessee is entitled to receive the amount of water yielded by the Water Rights, subject to the terms and conditions in this Agreement. Greeley makes no warranty, guarantee, or representation of any kind regarding the quality or physical yield of water to be delivered pursuant to the Water Rights. Lessee shall not hold Greeley liable for any failure in delivery of the water pursuant to the Water Rights, including, but not limited to, that caused by force of nature or failure of water supply infrastructure.

9. Maintenance of Infrastructure. Lessee shall maintain the lateral ditches, headgates, and other personal property necessary to deliver water pursuant to the Water Rights at Lessee's own cost and expense. Lessee shall make all repairs and restorations necessary to keep the lateral ditches, headgates, and other personal property in good working condition during the term of this Agreement.

10. Indemnification; Immunity. Lessee agrees to exercise Lessee's rights under this Agreement at Lessee's own risk. Lessee shall indemnify and hold harmless Greeley from and against any cost, expense, or liability arising out of or relating to Lessee's exercise of its rights or obligations under this Agreement, including, without limitation, the use of the Water Rights. Nothing in this Agreement is intended to constitute a waiver, express or implied, of any of the immunities, rights, benefits, protections or other provisions, of the Colorado Governmental Immunity Act, C.R.S. §§ 24-10-101 et seq., as applicable now or hereafter amended.

11. Notice. All notices to be given under this Agreement shall be (1) sent by certified or registered mail, return receipt requested, or (2) hand-delivered at the addresses set forth above. Lessee shall provide written notice to Greeley if the appropriate contact information changes.

12. Default and Termination. If either Greeley or Lessee fails to comply with a term or condition herein, such failure constitutes a default of this Agreement. The non-defaulting party may declare the default by providing written notice

to the defaulting party in accordance with Paragraph 11 above. Upon receipt of this notice of default, the defaulting party will have fifteen days within which to cure the default. If, in the sole discretion of the non-defaulting party, the default remains uncured after the aforementioned fifteen-day cure period, or after any written extension thereof mutually agreed upon by the parties, the non-defaulting party may declare the Agreement terminated by written notice in accordance with Paragraph 11 above.

(a) Notwithstanding the above, failure by the Lessee to comply with the terms and conditions of Paragraphs 3, 4 or Paragraph 6 of this Agreement constitutes a material breach. In the event that the Lessee commits a material breach, Greeley may immediately terminate this Agreement by written notice to Lessee.

(b) The failure of either party to declare a default or material breach does not establish a precedent or constitute an implied waiver of any subsequent breach of the terms and conditions in this Agreement.

13. Cessation of Irrigation. Upon expiration or termination of this Agreement, Lessee shall immediately cease agricultural irrigation of the Property with the Water Rights.

14. No Third-Party Beneficiaries. Nothing in this Agreement, express or implied, is intended to confer any rights or remedies upon any parties other than Lessee and Greeley, or their respective permissible successors in interest.

15. Recovery of Costs and Fees. In addition to any remedies otherwise available, a party that is successful in a legal action commenced against the other due to a default or material breach of this Agreement may recover from the defaulting party reasonable costs and attorneys' fees incurred during the course of such legal action.

16. Governing Law and Venue. This Agreement shall be governed by and enforced in accordance with the laws of the State of Colorado. Proper venue for any action arising out of this Agreement is the District Court for Weld County, Colorado, or the Division 1 Water Court for the State of Colorado.

17. Severability. In the event a provision of this Agreement is held invalid or unenforceable by a court of competent jurisdiction, such holding will not invalidate any other provision herein, and the remainder of the Agreement should be interpreted in accordance with the intent of the parties.

18. Integration. This Agreement constitutes a complete integration of the understanding and agreement between Greeley and Lessee with respect to the subject matter herein and supersedes all other lease agreements regarding the Water Rights. No representations, negotiations, or warranties, express or implied, exist between Greeley and Lessee except as explicitly set forth in this Agreement. This Agreement may only be modified in a written form duly authorized, approved, and executed by Greeley and Lessee.

19. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument. Executed copies of this Agreement may be delivered by electronic means. The parties agree to accept and be bound by signatures hereto delivered by electronic means.

20. Recording. Lessee shall not record this Agreement in the real property records of any jurisdiction. This Agreement is not intended to run with the land as a covenant burdening real property.

IN WITNESS WHEREOF, the undersigned parties have executed this Irrigation Water Lease Agreement on the date first set forth above.

LESSEE

By: _____

Date: _____

Name: _____

Title: _____

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

By: _____
Mayor

Date: _____

ATTEST

By: _____
City Clerk

ACKNOWLEDGMENT

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____ 2024 by
_____, as _____.

Witness my hand and official seal.

Notary Public
My commission expires: _____

EXHIBIT A
IRRIGATION WATER LEASE AGREEMENT
(Description of the Property)

Parcel 1 (Weld County Parcel No. 070529200011)

PT NW4 29 7 67 LOT D RE-3978 EXC COMM NW COR N90D00E 122.02 TO POB N90D00E 620 S11D43W 927.58
N68D06W 297.28 N00D28E 415.64 N24D56W 376.93 N00D00W 40 TO POB

EXHIBIT B
TO IRRIGATION WATER LEASE AGREEMENT
(Beneficial Use Affidavit and Questionnaire)

ANNUAL AFFIDAVIT OF BENEFICIAL USE OF WATER RIGHTS

DESCRIPTION OF WATER RIGHTS:

Ditch or Reservoir Company: _____
Shares or Interest: _____

Name and address of owner and user of water rights:

Owner: City of Greeley
Water and Sewer Department
1001 11th Avenue, Second Floor
Greeley, Colorado 80631

User(s): _____

Year water rights were used as described: _____

DESCRIPTION OF IRRIGATED LAND:

Legal description and size/acreage of land irrigated by above-mentioned water rights:

Name and address of owner(s) of above-mentioned irrigated land if different from owner or user of the water rights: _____

I have not intended to abandon the aforementioned water rights during my period of use. I state that the information contained here and in the attached Questionnaire Regarding Use of Water Shares, which is incorporated herein by reference, is known to me and is correct.

The undersigned _____, having personal knowledge of the irrigation of the above described lands by virtue of being the owner and/or person who has farmed and irrigated those lands, being first duly sworn, hereby states that the information provided in this statement is true and accurate.

Signed and dated this ____ day of _____, 20__.

[AFFIANT]

ACKNOWLEDGMENT

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____ 20__ by _____.

Witness my hand and official seal.

Notary Public
My commission expires: _____

QUESTIONNAIRE REGARDING USE OF WATER SHARES

*The person completing this questionnaire need not necessarily be the Lessee,
but must have personal knowledge of the information provided*

1. Name: _____
Mailing Address: _____
Telephone: _____
Facsimile: _____
Email Address: _____

2. The information provided below pertains to ____ shares of the _____
Company, represented by Certificate No. _____ (hereinafter "Shares").

3. Did you use the Shares pursuant to a Lease Agreement? _____
Date of the Lease: _____
Name of Lessee (if different from Question 1): _____
Name of Lessor: _____

4. The information in this questionnaire relates to my use of the Shares during the [20__] irrigation season
(hereinafter "Lease Year").

5. Do you still own the farm or parcel irrigated by these Shares? _____

6. Was your use of the Shares during the Lease Year consistent with all terms and conditions of the Lease
Agreement and with the bylaws, rules, regulations, and policies of the ditch company? _____

7. What is the legal description of the farm or parcel on which these Shares were used?

8. What is the total size of the farm or parcel? _____ acres.

9. What is the size of the area(s) on the farm or parcel that was irrigated? _____ acres.

10. What is the size of the area(s) on the farm or parcel that was irrigated using water from the Shares?
_____ acres.

11. Please provide the following information regarding how the water from these Shares is delivered.

- Location and ID Number of the head gate at the main ditch: _____
- Name and general location of any lateral(s) delivering the water to the land historically irrigated:

- Identification of any carrier or lateral ditch stock required to deliver these rights:

- Approximate location of pumps, if used: _____

- _____.
- Approximate location and size of storage ponds or reservoirs, including tail water ponds, if used: _____.

12. How was water applied during the Lease Year? Sprinkler _____ Furrow _____ Flood _____
Other/Combination (Describe): _____.

13. What was the irrigation season for the Lease Year? Start Date: _____ Stop Date: _____

14. During the Lease Year, did you divert and irrigate with all water available under the Shares? _____. If no, please explain the reason why all water was not taken, approximately how much was not taken, and for how long:

_____.

15. Other than the Shares leased, was any other water (including other shares that are in the same Company as the Shares that are the subject of this questionnaire) used to irrigate the farm or parcel on which the Shares are/were used during the Lease Year? If so, please provide the following information.

- Number of shares: _____
- Ditch Company: _____
- Number of any Irrigation Wells: _____
- Identification and Permit No. of any Irrigation Wells: _____
- _____.
- Capacity of Irrigation Wells: _____
- Approximate location of Irrigation Wells: _____
- _____.
- Any other water used: _____

16. Describe how the water has been used, including the estimated percentage of the total irrigation supply provided by such water: _____

_____.

17. During the Lease Year, what crops were grown on the land irrigated by the Shares?

- | | | |
|----------------|-------------------|-----------------|
| 1. Crop: _____ | Percentage: _____ | Location: _____ |
| 2. Crop: _____ | Percentage: _____ | Location: _____ |
| 3. Crop: _____ | Percentage: _____ | Location: _____ |
| 4. Crop: _____ | Percentage: _____ | Location: _____ |
| 5. Crop: _____ | Percentage: _____ | Location: _____ |
| 6. Crop: _____ | Percentage: _____ | Location: _____ |

18. Were the lands on which the Shares were used subirrigated? Yes _____ No _____

19. If possible, please provide a map, sketch, or aerial photograph showing locations of (*check if included*):

- _____ Farm or Parcel
- _____ Areas irrigated by the Shares during the Lease Year
- _____ Areas irrigated with other water
- _____ Lateral ditches, wells, pumps, pipelines, storage reservoirs, or tail water ponds

I understand that I may be required to sign an affidavit attesting to the accuracy, to the best of my knowledge, of the information provided herein.

Signature: _____ Date: _____

EXHIBIT G
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Form of Historical Use Affidavit and Questionnaire]

AFFIDAVIT OF HISTORICAL USE OF WATER RIGHTS

DESCRIPTION OF WATER RIGHTS:

Ditch or Reservoir Company: _____

Shares or Interest: _____

Name and address of owner and user of water rights:

Owner(s): _____

User(s): _____

Year water rights were used as described: _____

DESCRIPTION OF HISTORICALLY IRRIGATED LAND:

Legal description and size/acreage of land irrigated by above-mentioned water rights:

_____.

Name and address of owner(s) of above-mentioned irrigated land if different from owner or user of the water rights:

_____.

I have not intended to abandon the aforementioned water rights during my period of use. I state that the information contained here and in the attached Questionnaire Regarding Use of Water Shares, which is incorporated herein by reference, is known to me and is correct.

The undersigned _____, having personal knowledge of the irrigation of the above described lands by virtue of being the owner and/or person who has farmed and irrigated those lands, being first duly sworn, hereby states that the information provided in this statement is true and accurate.

Signed and dated this ____ day of _____, 20__.

[SELLER]

By: _____

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing Affidavit of Historical Use of Water Rights was acknowledged before me this ____ day of _____, 20__ by _____.

Witness my hand and official seal.

Notary Public

My commission expires: _____

QUESTIONNAIRE REGARDING USE OF WATER SHARES

The person completing this questionnaire must have personal knowledge of the information provided

1. Name: _____
Mailing Address: _____
Telephone: _____
Facsimile: _____
Email Address: _____

2. The information provided below pertains to ____ shares of the _____ Company, represented by Certificate No. _____ (hereinafter "Shares").

- Did you use the Shares pursuant to a Lease Agreement? _____
- Date of the Lease: _____
- Name of Lessee (if different from above): _____
- Name of Lessor: _____

3. The information in this questionnaire relates to my use of the Shares from _____ to _____ ("Ownership Period").

4. Do you still own the farm or parcel irrigated by these Shares? _____

5. Was your use of the Shares during the Ownership Period consistent with the bylaws, rules, regulations, and policies of the ditch company? _____

6. What is the legal description of the farm or parcel on which these Shares were used?

7. What is the total size of the farm or parcel? _____ acres.

8. What is the size of the area(s) on the farm or parcel that was irrigated? _____ acres.

9. What is the size of the area(s) on the farm or parcel that was irrigated using water from the Shares?
_____ acres.

10. Please provide the following information regarding how the water from these Shares is delivered:

- Location and ID Number of the head gate at the main ditch: _____
- Name and general location of any lateral(s) delivering the water to the land historically irrigated: _____
- Identification of any carrier or lateral ditch stock required to deliver these rights: _____
- Approximate location of pumps, if used: _____
- Approximate location and size of storage ponds or reservoirs, including tail water ponds, if used: _____
- How was water applied during the Ownership Period? Sprinkler ____ Furrow ____ Flood ____

- Other/Combination (Describe): _____.

11. During the Ownership Period, did you divert and irrigate with all water available under the Shares? _____. If no, please explain the reason why all water was not taken, approximately how much was not taken, and for how long:

_____.

12. Other than the Shares, was any other water (including other shares that are in the same Company as the Shares that are the subject of this questionnaire) used to irrigate the farm or parcel on which the Shares are/were used during the Ownership Period? If so, please provide the following information.

- Number of shares: _____
- Ditch Company: _____
- Number of any Irrigation Wells: _____
- Identification and Permit No. of any Irrigation Wells: _____
- Capacity of Irrigation Wells: _____
- Approximate location of Irrigation Wells: _____
- Any other water used: _____

13. Describe how the water has been used, including the estimated percentage of the total irrigation supply provided by such water: _____

_____.

14. During the Period of Ownership, what crops were grown on the land irrigated by the Shares?

1. Crop: _____	Percentage: _____	Location: _____
2. Crop: _____	Percentage: _____	Location: _____
3. Crop: _____	Percentage: _____	Location: _____
4. Crop: _____	Percentage: _____	Location: _____
5. Crop: _____	Percentage: _____	Location: _____
6. Crop: _____	Percentage: _____	Location: _____

15. Were the lands on which the Shares were used subirrigated? Yes _____ No _____

16. If possible, please provide a map, sketch, or aerial photograph showing locations of (*check if included*):

_____ Farm or Parcel
_____ Areas irrigated by the Shares during the Lease Year
_____ Areas irrigated with other water
_____ Lateral ditches, wells, pumps, pipelines, storage reservoirs, or tail water ponds

I understand that I may be required to sign an affidavit attesting to the accuracy, to the best of my knowledge, of the information provided herein.

Signature: _____

Date: _____

EXHIBIT H
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Form of Special Warranty Deed]

FORM DO NOT EXECUTE

WHEN RECORDED RETURN TO:

SPECIAL WARRANTY DEED
(Water Rights)

This SPECIAL WARRANTY DEED is made this ____ day of _____ 2024, between _____, whose address is _____ ("Grantor"), and THE CITY OF GREELEY, COLORADO, a Colorado home rule municipal corporation acting by and through its Water Enterprise, whose address is 1001 11th Avenue, 2nd Floor, Greeley, Colorado, 80631 ("Grantee").

WITNESSETH, that Grantor, for the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell, convey and confirm unto Grantee, Grantee's heirs and assigns forever all of the water rights described below ("Water Rights"):

(a) The water rights represented by ____ () share of capital stock in _____ Company, evidenced by Stock Certificate No. ____ ("Share") and the water derived therefrom.

(b) All beneficial right, title, and interest, if any, in all water, water rights, ditches, ditch rights, reservoirs, reservoir rights, canals, canal rights, headgates and all other assets, rights, title or interests represented by said Share, and in addition, and in no way limited by the foregoing, any and all other right, title or interest in _____ Company represented by said Share.

TOGETHER with all and singular the hereditaments and appurtenances thereto belonging, or in any manner appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and all the estate, right, title interest, claim and demand whatsoever of the Grantor, either in law or equity, of, in and to the above bargained Water Rights, with the hereditaments and appurtenances.

TO HAVE AND TO HOLD the said Water Rights above bargained and described with the appurtenances, unto the Grantee, the Grantee's heirs and assigns forever. And the Grantor, for the Grantor, the Grantor's successors and assigns, does covenant and agree that Grantor shall WARRANT AND FOREVER DEFEND the above-bargained Water Rights in the quiet and peaceable possession of the Grantee, the Grantee's successors and assigns, against all and every person or persons claiming the whole or any part thereof, by, through or under the Grantor.

IN WITNESS WHEREOF, the Grantor has executed this deed on this ____ day of _____ 2024.

Grantor:

By: _____

ACKNOWLEDGMENT

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____ 2024 by _____, in his individual capacity, whose signature appears above as the Grantor.

Witness my hand and official seal.

Notary Public
My commission expires: _____

EXHIBIT I
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Form of Stock Assignment]

ASSIGNMENT OF SHARES
(Stock Certificate No. ____)

Date: _____

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EXHIBIT J
TO PURCHASE AND SALE AGREEMENT
(Greg Walker)

[Form of Access Waiver for Walker Farm]

EXHIBIT J

WAIVER AND RELEASE FROM LIABILITY FOR ENTRY ONTO PROPERTY

I, _____, am authorized by the City of Greeley, Colorado, to enter onto certain real property, described in the Purchase and Sale Agreement by and between Greg Walker and the City of Greeley, Colorado, and am doing so pursuant to Paragraph 5.1 of that agreement. I HEREBY WAIVE AND RELEASE, and forever discharge the owner(s) of such real property (hereinafter "Property") and any agents, promoters, employees, officers, directors, successors, and assigns of such owner(s), of and from any and all claims, demands, debts, contracts, expenses, causes of action, lawsuits, damages and liabilities, of every kind and nature, whether known or unknown, in law or equity, that I ever had or may have, arising from or in any way related to my entry upon the Property, provided that this WAIVER AND RELEASE does not apply to any claims, demands, debts, contracts, expenses, causes of action, lawsuits, or damages and liabilities attributable to any acts of negligence, recklessness, or intentional misconduct by the owner(s) of the Property. I understand that my entry upon the Property involves a certain degree of risk that could result in injury or death. I have carefully considered the risk involved and agree to hold the owner(s) of the Property, and any agents, employees, officers, directors, successors, and assigns of the owner(s) harmless for all personal injury which could result from my entry upon the Property. I acknowledge that I have a medical insurance policy and that such insurance will be my primary source of payment should medical treatment be necessary. If I do not have a medical insurance policy, by this Waiver, I assume any risk, take full responsibility and waive any claims of personal injury, death or damage to personal property associated with my entry upon the Property. This WAIVER AND RELEASE contains the entire agreement between the parties, and supersedes any prior written or oral agreements between them concerning the subject matter of this WAIVER AND RELEASE. The provisions of this WAIVER AND RELEASE may be waived, altered, amended or repealed, in whole or in part, only upon the prior written consent of all parties. The provisions of this WAIVER AND RELEASE will continue in full force and effect even after the end of my entry upon the Property, or for the benefit of the owner(s) of the Property, whether by agreement, by operation of law, or otherwise. I have read, understand and fully agree to the terms of this WAIVER AND RELEASE. I understand and confirm that by signing this WAIVER AND RELEASE I have given up considerable future legal rights. I have signed this Agreement freely, voluntarily, under no duress or threat of duress, without inducement, promise or guarantee being communicated to me. My signature is proof of my intention to execute a complete and unconditional WAIVER AND RELEASE of all liability to the full extent of the law. I consent to this WAIVER AND RELEASE from Liability by my signature below and I am mentally competent to enter into this WAIVER AND RELEASE from Liability.

By: _____

Date: _____



Water & Sewer Agenda Summary

July 18, 2024

Key Staff Contact: Sean Chambers, Water & Sewer Director

Title:

Director's Report

Summary:

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

Update on the limiting impacts of HB24-1344

Communication with CDPHE, DNR, Governors Office and the State Plumbing Board

This little-known law change significantly limits cross connection and backflow testing to those individuals with backflow certification and master plumbers license. The result is that approximately 85% of previously certified backflow device testers in Northern Colorado will no longer have all the required certifications. Extreme scarcity in certified testers has now defined this service market and effects device owners and water utilities.

Education and Advocacy and Events Calendar

BizWest Confluence Water & Energy Summit

August 1st in Boulder, CO <https://events.bizwest.com/confluence-colorado-water-summit-and-net-zero-cities/>

Colorado Water Congress Summer Conference and Training

August 20th – 22nd in Colorado Springs, CO (conflict with August W&S Board meeting date)

<https://members.cowatercongress.org/calendar/Details/summer-conference-996589?sourceTypeId=Hub>

Water Quality Control Division (within CDPH&E) House Bill 24-1379 Dredge & Fill Workshops

Regulation 87, a control regulation for avoiding and minimizing impacts from dredge and fill activities;

September 2024 workshops: <https://cdphe.colorado.gov/dredge-and-fill-engagement>

The Colorado River District's Annual Water Seminar

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

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

Colorado Water Conservation Board Annual all basins summit (C-9 Summit) – a meeting of the state's 9 basin roundtables as guided by the Water for the 21st Century Act; Oct. 1-2, 2024, in Crested Butte

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

Association of Metropolitan Water Agencies '24 Executive Management Conference

October 20th – 23rd <https://www.amwa.net/>

Colorado River Water Users (CRWU) Conference

December 4th – 6th <https://crwua.org/>

Recommended Action:

Informational only

Recommended Motion:

N/A

Attachments:

1. State Plumbing Board Letter
2. Board Meeting Charts_2024



July 8, 2024

State Plumbing Board
1560 Broadway, Suite 1350
Denver, CO 80202

Dear Members of the State Plumbing Board,

The City of Greeley respectfully submits this letter to express our opposition to revisions in Section 18, Paragraph 4 of HB24-1344, which now mandates that only licensed plumbers may install, inspect, test, repair, and remove backflow prevention devices. This legislative change poses substantial risks to public health across the state of Colorado by severely limiting the ability of public drinking water systems to ensure the proper functioning of backflow prevention assemblies through annual testing.

We note with concern that this significant change was not included in the Sunset Report prepared by the Department of Regulatory Agencies. A change of this magnitude, impacting all public water systems in the state and posing substantial risks to the safety of drinking water for millions of Coloradans, should be introduced through a comprehensive stakeholder process. This process must include key stakeholders such as the Colorado Department of Public Health and Environment (CDPHE), representation from Public Drinking Water Systems, backflow industry associations and certifying organizations, and the State Plumbing Board. Simply making these revisions "publicly available" does not substitute for the necessity of engaging in an effective and intentional stakeholder process.

This reduction in available testers will severely impact public water systems' ability to comply with the testing requirements set forth in Regulation 11, Section 11.39, the Backflow Prevention and Cross-Connection Control Rule. The core purpose of this rule is to ensure that public drinking water systems are protected from contamination during potential backflow events by ensuring that backflow prevention assemblies are tested annually and are in proper working order. Requiring that anyone who tests, repairs, or installs backflow assemblies be a licensed plumber will make compliance with this regulation nearly impossible. Moreover, the requirement that only licensed plumbers conduct this work does not align with existing CDPHE drinking water regulations, which only necessitate certified cross-connection control technicians. This inconsistency will cause immediate disruption to regulatory compliance and may leave many public water systems in a state of constant noncompliance, unable to meet testing requirements year after year, and further putting the public health and safety of Coloradans at risk.

Furthermore, this change is at odds with environmental justice efforts at all levels of government. Multi-family housing connections are required to have backflow assemblies with annual backflow prevention assembly testing (per Regulation 11, Section 11.39). Diminished access to certified testers results in the disproportionate heightened exposure to potential water contamination and corresponding health risks for low-income communities, exacerbating existing inequalities.

To illustrate the logistical implications of this legislative change, please consider the City of Greeley's Public Water System. Greeley's large community water system directly serves over 100,000

residents and multiple consecutive systems. We have more than 4,500 backflow prevention assemblies in the distribution system that require annual testing. With the passage of HB24-1344, there are only two certified backflow testers in our area who are also licensed plumbers. It is simply not feasible to rely on just two testers to conduct over 4,500 tests annually.

In summary, HB24-1344 Section 18, introduces substantial risks to public health by limiting the ability of Public Water Systems to perform necessary backflow prevention testing. This change was introduced without adequate stakeholder engagement, does not align with existing CDPHE regulations, will create an unsustainable burden on the backflow prevention industry, and will disproportionately impact already vulnerable communities. We urge the State Plumbing Board to reconsider this legislation and work towards a solution that ensures the continued compliance of public drinking water systems and protects the health and safety of Colorado residents.

Thank you for your attention to this critical matter.

Sincerely,



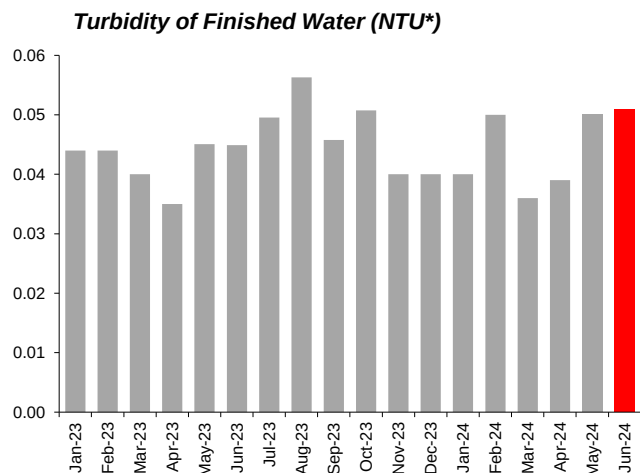
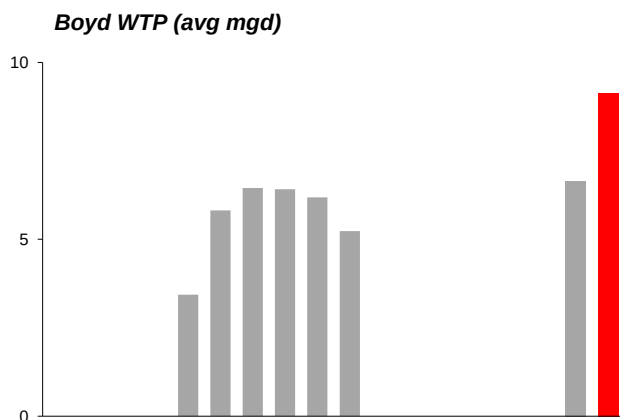
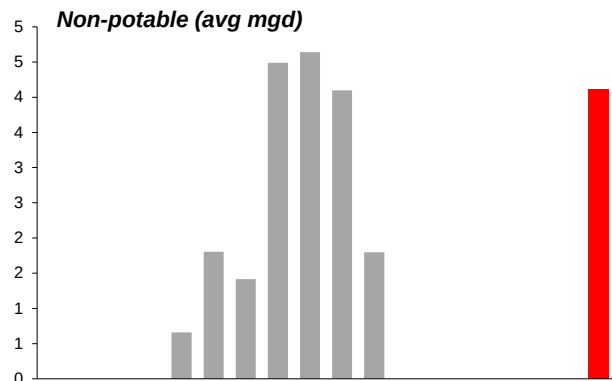
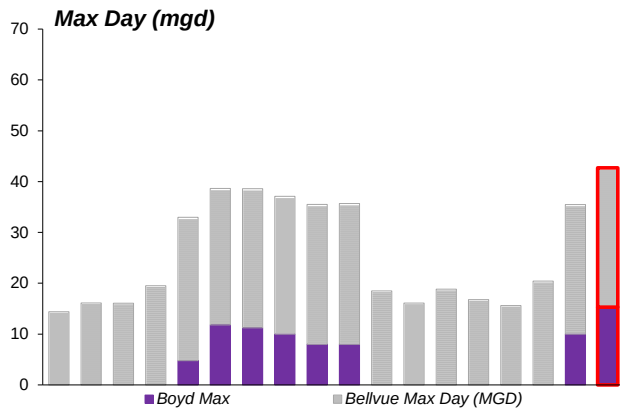
Raymond Lee III
City Manager
City of Greeley

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 plate settlers were replaced in the sedimentation basins. In 2018, all old existing chemical lines were replaced with new lines and the piping was up-sized to carry more chemical. A PLC upgrade was done on the SCADA system. Sludge pumps were replaced and hooked into the Trac Vac system that pulls sludge out of the sedimentation basins.

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



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

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

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

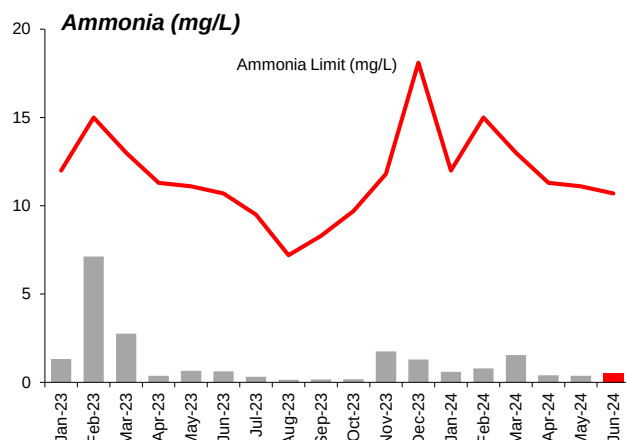
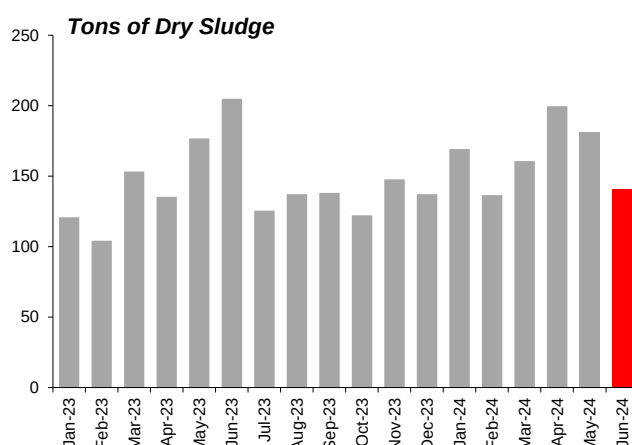
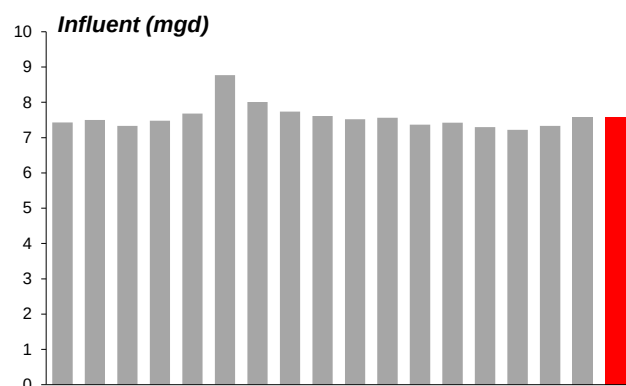
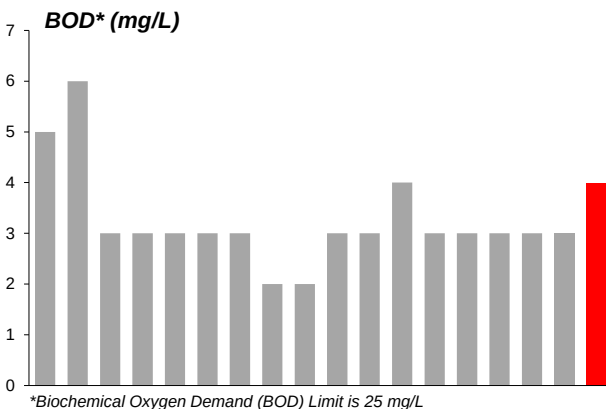
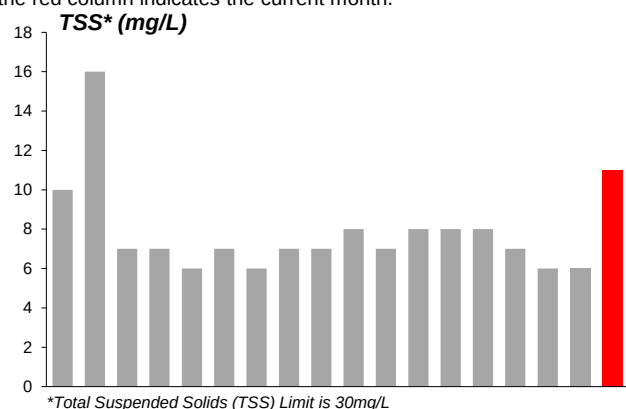


Wastewater Treatment

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

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

Note: the red column indicates the current month.



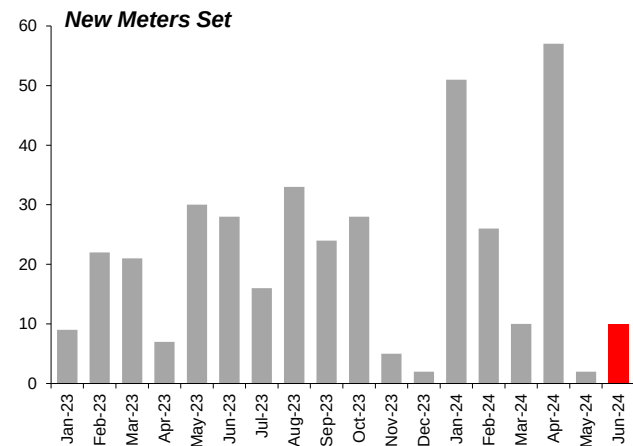
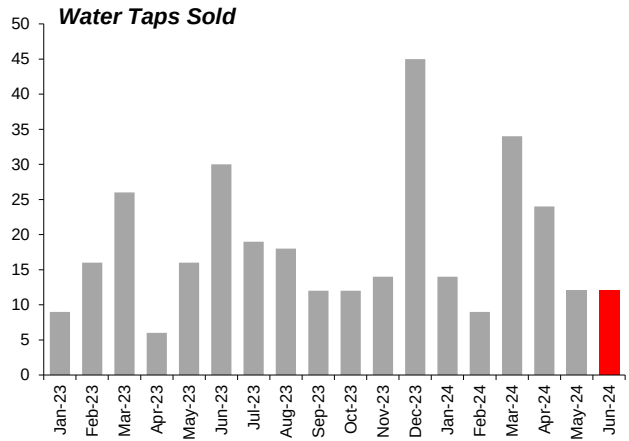
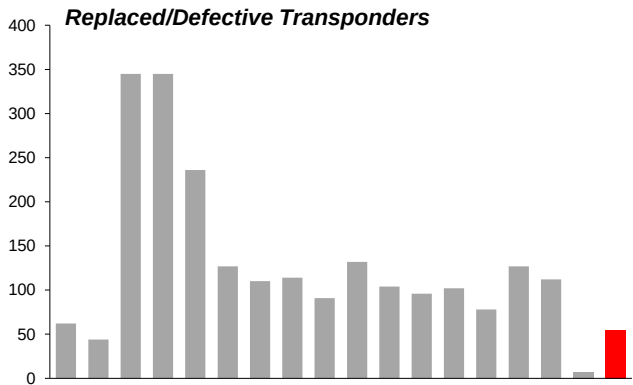
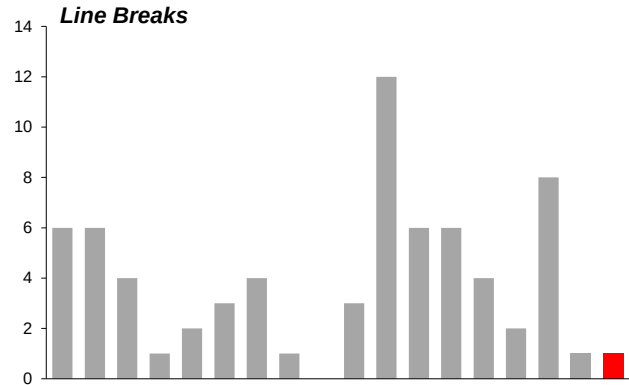
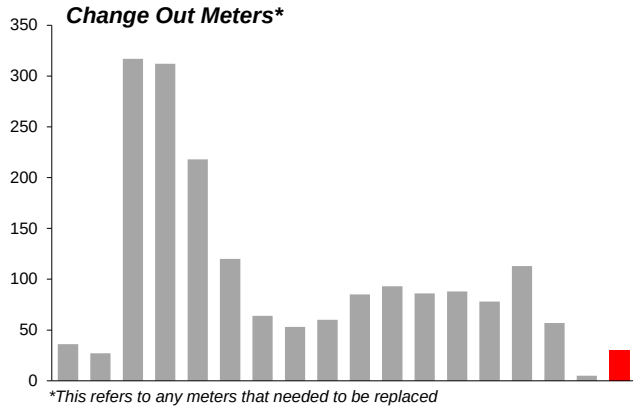
Water Distribution

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

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

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

Note: the red column indicates the current month.



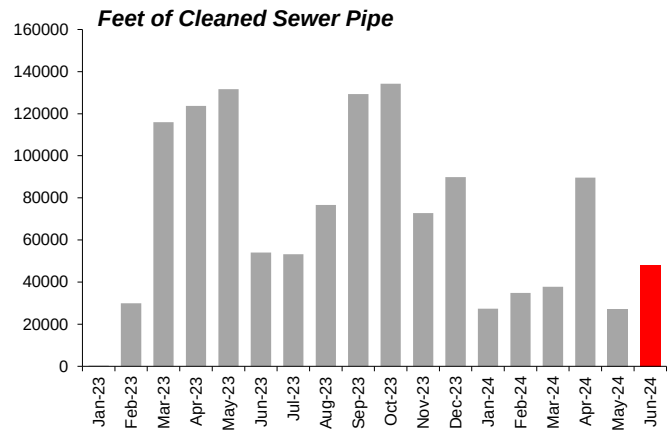
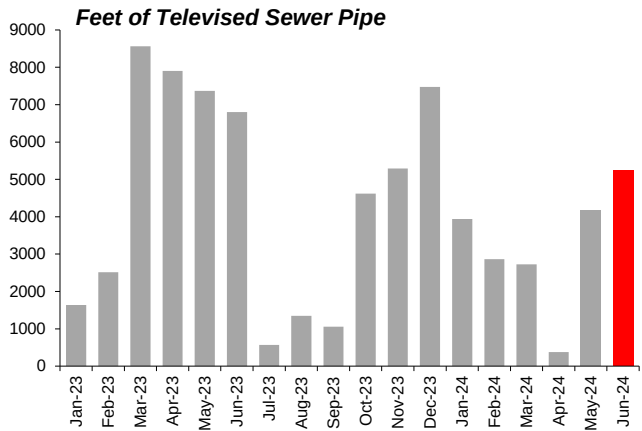
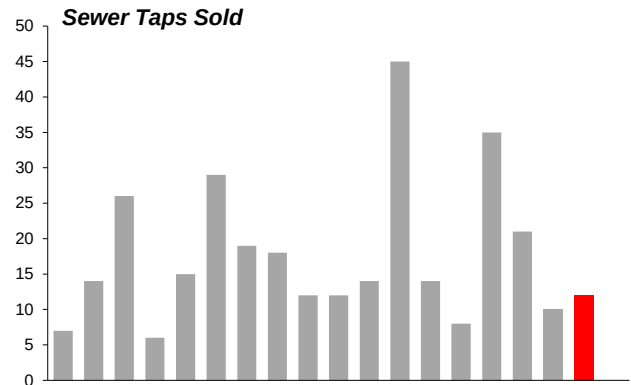
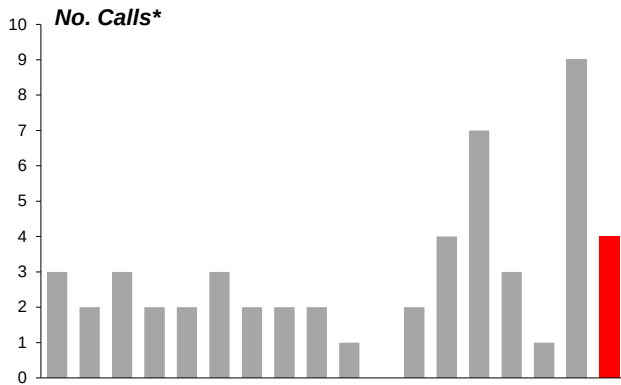
Wastewater Collection

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

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

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

Note: the red column indicates the current month.

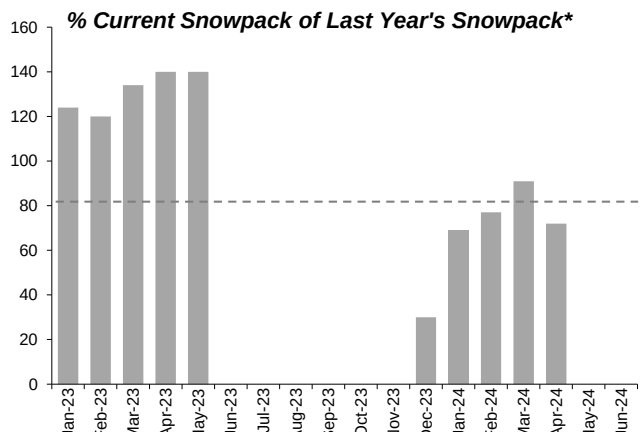
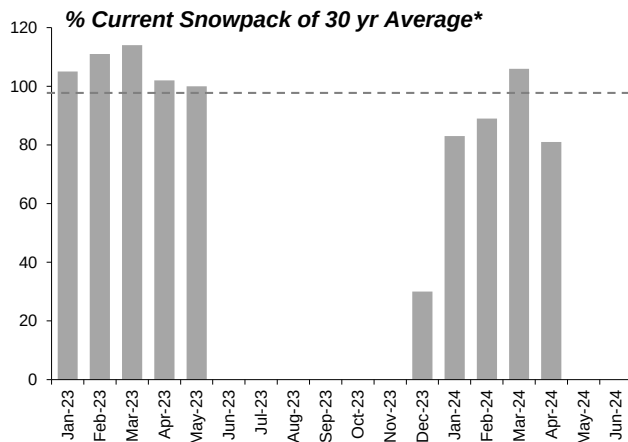
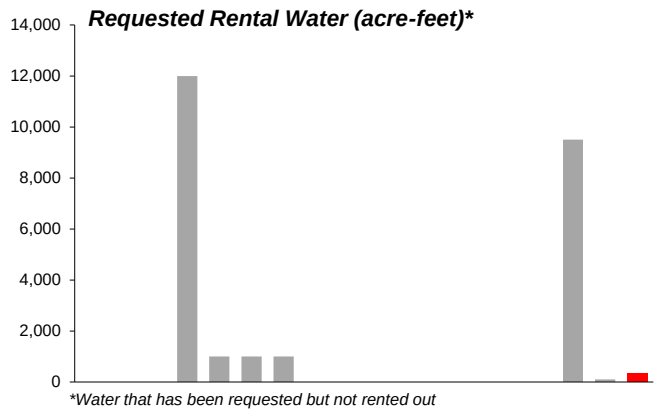
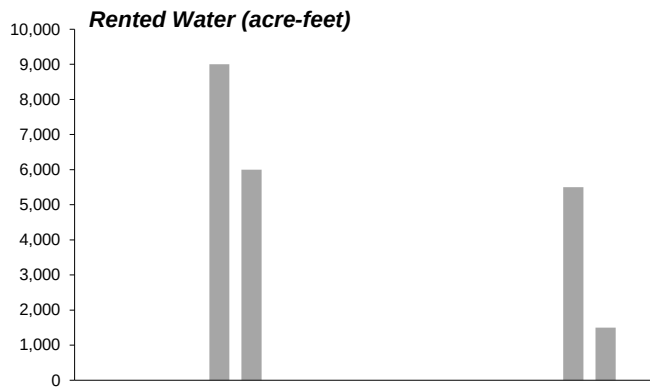
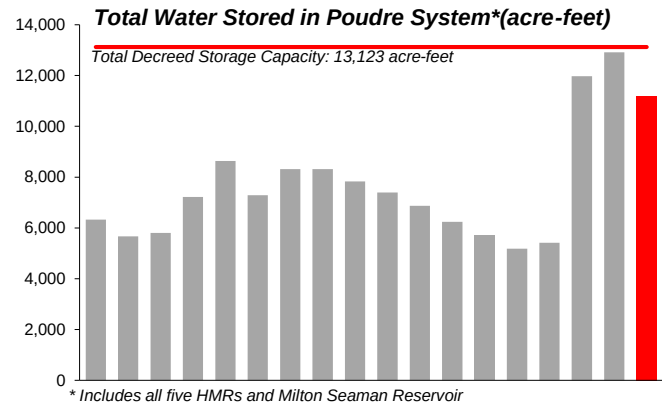
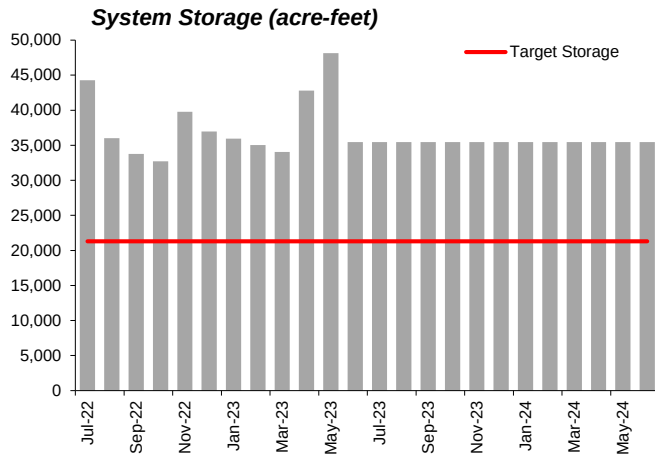


Water Resources

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

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

Note: the red column indicates the current month.



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

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

Treated Water and Weather Data

January was a cold month with an average temperature of 24.63°F. Temperatures warmed up in February with an average temperature of 34.52°F. The average temperature was 40.38°F in March and 49.62°F in April. May signaled the start of summer with an average temperature of 57.27 °F.

Greeley received 0.35 inches of precipitation in January. A big snow storm brought 2.03 inches of precipitation in February. Greeley received 1.5 inches of precipitation in March and 1.6 inches in April. May brought less precipitation than expected, with 1.07 inches for the month.

