



**UPPER EAGLE REGIONAL
WATER AUTHORITY**

GOVERNED BY:

The Metropolitan
Districts of:
Arrowhead
Beaver Creek
Berry Creek
EagleVail
Edwards

The Town of Avon

M E M O R A N D U M

TO: Board of Directors
FROM: Brian Thompson, Government Affairs Supervisor
DATE: September 20, 2024
RE: September 26, 2024, Board Meeting

This memorandum shall serve as notice of the Regular Meeting of the Board of Directors of the Upper Eagle Regional Water Authority:

**Thursday, September 26, 2024
8:30 a.m.**

This meeting will be held in-person

Walter Kirch Room
Eagle River Water & Sanitation District Vail office
846 Forest Road
Vail, Colorado

The meeting can also be accessed on Microsoft Teams. Login information can be requested by sending an email at least 24 hours in advance to info@erwsd.org.

Input from members of the public is welcomed during the meeting's designated Public Comment consistent with § 18-9-108, C.R.S. Speakers may address the Board on a first-recognized basis by the Chair. Public Comments are limited to three minutes per speaker on relevant matters not listed on the agenda.



**UPPER EAGLE REGIONAL
WATER AUTHORITY**

BOARD OF DIRECTORS REGULAR MEETING
September 26, 2024
8:30 a.m.
Walter Kirch Conference Room

GOVERNED BY:

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AGENDA

1. Introductions

2. Public Comment

3. Action Items

- 3.1. Minutes from Aug. 22, 2024, Regular Meeting
- 3.2. Minutes from Aug. 22, 2024, Special Joint Meeting with ERWSD Board
- 3.3. Request from Eagle County Conservation District to consider resolution supporting ballot question

[Action Item](#)

[Action Item](#)

[Action Item](#)

4. Work Sessions

- 4.1. Board Compliance Training: Fiscal Accountability
- 4.2. Proposed 2025 Budget

[Informational](#)
[Informational](#)

5. Information Reports

- 5.1. Board committees
- 5.2. August meeting summary – draft
- 5.3. Contract log

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[Confidential](#)
[Informational](#)

6. Board Member Input

7. General Manager Report – Siri Roman

- 7.1. GM information items
 - 7.1.1. Appointment to Colorado Water Congress Board
- 7.2. Business Administration report – David Norris
 - 7.2.1. Water Conservation update
- 7.3. Operations report – Brad Zachman
 - 7.3.1. 2023 macroinvertebrate sampling results
- 7.4. Engineering and Water Resources report – Jason Cowles
 - 7.4.1. Bolts Lake update
- 7.5. Communications and Public Affairs report – Diane Johnson

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8. Water Counsel Report – Kristin Moseley

9. General Counsel Report – Kathryn Winn

10. Executive Session

- 10.1. Discuss specialized details of cybersecurity arrangements, pursuant to §24-6-402(4)(d), C.R.S.

[Informational](#)

Managed by Eagle River Water & Sanitation District

846 Forest Road Vail, Colorado 81657 Tel (970) 476-7480 erwsd.org

10.2. Receive legal advice regarding Water Court Case Nos. 21CW3029, 21CW3030, 21CW3180, 23CW3087, 23CW3031, 23CW3164, 23CW3169, 23CW3179, 23CW3205, 24CW3075, 24CW3079, 24CW3092, 16CW3122, 16CW3122, 17CW3216, 18CW3164, and 18CW3215, pursuant to §24-6-402(4)(b), C.R.S.

Confidential

11. Any Action as a Result of Executive Session

12. Adjournment



To: Upper Eagle Regional Water Authority Board
From: Eagle County Conservation District
Date: September 18, 2024
Subject: Resolution of Support

The Eagle County Conservation District (ECCD or “the District”) is a Title 35 Special District that was established during the Soil Conservation Act of 1935 after the Dust Bowl. The District was created to represent and work with all landowners, agricultural producers and water rights holders to assist them with conservation practices and natural resource management within the District boundaries. The Eagle County Conservation District boundaries covers the majority of Eagle County, plus small portions of Grand and Garfield county.

ECCD’s current operating budget is roughly \$700,000 annually and is predominately provided through grant funding that will expire in the next couple of years and is non-renewable. Grant funded programs include the Beyond Lawn Program (turf replacement and irrigation system rebates), the Drought Resiliency Program (cost-share to improve ditch infrastructure and large-scale irrigation systems), Virtual Fencing (sustainable rangeland and grazing management), the Noxious Weed Cost-Share Program (cost-share to eradicate noxious weeds and revegetate resilient landscapes), the District Conservation Technician Program (provides technical assistance for landowners on conservation planning and implementation), and the CO Soil Health Program (cost-share for agricultural producers to improve soil health practices).

The District now seeks support for Ballot Issue 7A, a ballot issue placed by the Eagle County Conservation District which seeks authorization for a property tax of 0.15 mills to generate revenues for the Eagle County Conservation District. The math: a property valued at \$1 million would equate to \$10 in annual taxes. The levy will provide roughly \$645,000 annually for the District, which will cover existing operation costs while allowing for the District to continue to grow. Roughly 65% of the funding will be returned to the community through technical expertise provided to local landowners on conservation planning and practices with many cost share opportunities provided.

The District sent out a county wide survey this summer to determine if voters would support a small mill levy in this fall's election and the results came back fairly favorable. 60%, or three-in-five qualified voters in the District say they would vote yes on the potential measure if the election were being held today. Due to the positive feedback, the District has continued its mill levy efforts to go to ballot for a .15 mill levy. At this time, the District is looking for support from their partners and is hoping for a Resolution of support from the Upper Eagle Regional Water Authority.

Thank you for your consideration,

Laura Bohannon
Executive Director,
Eagle County Conservation District

UPPER EAGLE REGIONAL WATER AUTHORITY

RESOLUTION NO. 2024-05

**A RESOLUTION OF SUPPORT FOR EAGLE COUNTY CONSERVATION DISTRICT
BALLOT QUESTION**

WHEREAS, the Eagle County Conservation District (“ECCD”) is a Colorado special purpose district and a body corporate with those powers of a public corporation which are specifically authorized by, and in compliance with Title 35, Article 70 of the Colorado Revised Statutes created under the “Colorado Soil Conservation Act”; and

WHEREAS, the ECCD Board of Directors has decided to place the following measure on the Nov. 5, 2024, general election ballot:

Shall Eagle County Conservation District taxes be increased \$650,000 annually commencing in tax payment year 2025, and by such amounts as may be collected thereafter, from a property tax of 0.15 mills (estimated to cost \$10 per year for every \$1 million in home value) for the following purposes:

- *Ensuring adequate water supplies and maintaining drinking water quality and the health of rivers and streams such as the Eagle and Colorado rivers by working with local residents and ranchers to improve water conservation;*
- *Restoring and protecting forest and grassland health to reduce the risk of wildfires to communities;*
- *Conserving populations of native birds, fish and wildlife such as bald eagles, elk, moose, and trout;*

With all expenditures subject to applicable legal requirements regarding an annual independent audit, as required by law; and shall such tax revenues and the earnings from the investment of such tax revenues be collected, retained, and spent as a voter-approved revenue change under Article X, section 20 of the Colorado Constitution or any other law?; and

WHEREAS, the Colorado Fair Campaign Practices Act expressly authorizes local governments to adopt and distribute in normal fashion a Resolution regarding any ballot issue of import to that local government; and

WHEREAS, the Upper Eagle Regional Water Authority (“UERWA”) is a quasi-municipal corporation and political subdivision of the State of Colorado and a duly organized and existing water authority pursuant to law; and

WHEREAS, UERWA works cooperatively with private landowners and various local Colorado governments, including ECCD, toward the accomplishment of its mission of providing efficient, effective, and reliable water and wastewater utility services in a manner that respects the natural environment; and

WHEREAS, ECCD provides programs that align with UERWA’s mission.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Upper Eagle Regional Water Authority that:

1. The Board expresses support for the ballot question that will be placed before the Eagle County Conservation District voters; and
2. The Board expresses further support for electors of Eagle County Conservation District to vote YES on the ballot issue at the Nov. 5, 2024, election.

ADOPTED this 26th day of September.

Upper Eagle Regional Water Authority

By: _____
George Gregory, Chair

Attest:

Kim Bell Williams, Secretary



M E M O R A N D U M

TO: Boards of Directors
FROM: Brian Thompson, Government Affairs Supervisor
DATE: September 20, 2024
RE: Board Compliance Training

At the Sept. 26 board meetings, David Norris will present the third component of the four-part 2024 board compliance training series. This training will focus on **Fiscal Accountability**.

As discussed at the July and August board meetings, these compliance trainings are intended to help directors fulfill their legal and ethical responsibilities, avoid potential risks and liability, and make informed decisions that protect the integrity of the boards. These trainings align with recommendations and standards supported by industry experts, including the Colorado Municipal League (CML), Department of Local Affairs (DOLA), and Special District Association (SDA).

The primary objectives of the fiscal accountability training are:

- 1) Review the critical role that directors have in financial oversight, risk management, and carrying out the boards' fiduciary responsibilities.
- 2) Discuss core elements of board fiscal accountability, including transparency, strategic financial planning, policy development, and compliance with legal and ethical standards.
- 3) Provide tools and best practices to help board members effectively oversee financial operations while avoiding potential conflicts of interests and pitfalls, such as fund mismanagement or audit irregularities.
- 4) Provide protocols for appropriate actions in addressing financial issues.

As with previous board compliance trainings, David's presentation is intended to be informational. If a director wishes to ask a detailed question or discuss a personal situation, we can arrange a private meeting with the GM and/or counsel. There are 15-20 minutes dedicated on the ERWSD and UERWA board meeting agendas for this training. We appreciate your ongoing participation.



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M E M O R A N D U M

TO: Board Directors
FROM: David Norris, Director of Business Administration
DATE: September 18, 2024
RE: Proposed 2025 Budget

Introduction

An effective and efficient budget proposal is a team effort and a cross-collaboration from all department managers and staff. This budget season, we continued the hybrid approach of zero-based budgeting and looking at revenue first. Using a collaborative effort of a cross-departmental team to aide in developing the proposed 2025 District and Authority budgets, the attached draft budget packet includes the staff recommended budgets for 2025.

For the 2025 budget, the following are strategic priorities that will show throughout the budget material:

2025 District & Authority Budgetary Strategic Priorities:

Priority	Strategic Objective
1. Affordability, Debt, and Financial Health	<ul style="list-style-type: none"> • Set fund balance targets aimed to increase financial health & limit future bonding • Balance rates with fund balance targets and financial ratios • Implement new rate structures and impact fees playing a role in affordability for Multi-Family

<p>2. Preventive & Deferred Maintenance</p>	<ul style="list-style-type: none"> • Decision items align to strategies • O&M budgets aligned to focus on total asset costs • Investing annually in aging infrastructure to prevent future cost increases for asset maintenance • Aimed at reducing future bonding needs and keeping assets maintained sustainably
<p>3. Prioritize COLA/Merit and Benefits</p>	<ul style="list-style-type: none"> • Decision items align to strategy, focused on sustaining investment in staffing, reduce turnover, and support recruitment efforts

2025 District & Authority Operations Strategic Priorities:

Program	Strategic Objective
<p>1. Sewer Collection System</p>	<ul style="list-style-type: none"> • Initiate interceptor characterization and rehab (Avon & Vail) • Improve O&M metrics to meet industry standards • Add critical equipment redundancy • Upgrade equipment to improve emergency response capabilities • Initiate multi-year sewer rehab program
<p>2. Water Distribution System</p>	<ul style="list-style-type: none"> • Develop West Vail water main replacement strategic plan • Improve O&M metrics to meet industry standards • Complete major CRP projects in progress (Wildridge, Arrowhead, Beaver Creek)
<p>3. Staffing, Coordination, and Efficiency Improvements</p>	<ul style="list-style-type: none"> • Improve strategic planning capacity • Improve operation project coordination and execution • Provide staff resiliency, mitigate fatigue, and burnout risk
<p>4. Water Production & Storage</p>	<ul style="list-style-type: none"> • Initiate Vail Well R7 replacement design • Complete Vail Tank 4 rehabilitation • Complete Booth Falls emergency power project • Initiate EDWF improvements plan • Complete ADWF electrical service evaluation

5. Wastewater Treatment	<ul style="list-style-type: none"> Complete EWW NUP design Complete VWW improvements (in progress)
6. Emergency Preparedness	<ul style="list-style-type: none"> Complete high priority improvements in Risk and Resilience Assessment (RRA) Improve RRA risk score
7. Asset Management	<ul style="list-style-type: none"> Proactively replace critical equipment and assets
8. Water Supply	<ul style="list-style-type: none"> Concerted focus on Bolts Lake design, NEPA, timelines and funding plans, balanced with fund strategies and timing of bonding

The budget schedule is largely driven by statutory requirements. Critical dates are:

- Oct 15: Draft Budget must be submitted to each Board (Section 29-1-105, CRS)
- Dec. 15: Adopt Budget and appropriate moneys, if certifying a mill levy (Section 29-1-108 (2), CRS)

Executive Summary

The largest takeaways from the budget subcommittee meetings and the associated materials are as follows:

- 3 proposed decision items with a combined budget impact of \$265,000
- Authority proposed water rates:
 - Commercial, Mixed Use, Multifamily:

Proposed Authority Water Use Rates 

Commercial, Mixed Use, Multi-Family/Multiplier/Month

	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Water Base Service	Wastewater Base Service
2024 Rate (SFE Multiplier)	\$4.94	\$7.69	\$13.28	\$27.67	\$41.51	\$42.85	\$62.04
CO & MU (Meter Size)	\$5.96	\$8.51	\$13.25	\$20.92	\$35.97	\$77.26	\$80.24
MX (Meter Size)	\$5.96	\$8.51	\$13.25	\$16.66	\$25.63	\$71.46	\$73.59
MF (Meter Size)	\$4.76	\$5.67	\$13.25	\$20.92	\$35.97	\$77.26	\$80.24

% Rate Change	+20.6% (CO, MX) -3.65% (MF)	+10.66% (CO, MX) -26.27% (MF)	-23% (CO, MX, MF)	-24.40% (CO, MF) -39.79% (MX)	-13.35% (CO, MF) -38.26% (MX)	+80.30% (CO, MF) +66.76% (MX)	+29.34 (CO, MF) +18.62% (MX)
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- Individually Metered Residential:
 - Transitioned away from using SFE values for tier multiplier in 2024
 - Maintained use of SFE values for base rate multiplier

Tier	Increase/Decrease
1	1%
2	3%
3	3%
4	5%
5	5%

- Wastewater rates: 5.26%
- Combined total increase to rates: 11.19%
- Irrigation-only rates:
 - Increased base rates to align with water service base rates.
 - Transitioned to coverage-based irrigation rates for all irrigation-only customers in 2024.

Tier	Increase/Decrease
1	0%
2	3%
3	5%
4	4%
5	6%

- Operating Agreement with the District increase of \$792,043, or 8% over projection.
- To improve financial health and anchor to the recent Standard & Poor’s median of 546 days cash on hand, and given the recent bond ratings, it is recommended that the fund balance policies are updated to reflect these changes. As part of the strategic plan, a revised fund balance policy will be proposed in 2024 in conjunction with budget approval, setting a floor of 500 days and a ceiling of 600 days. In addition, the updated policies aim to protect against unforeseen economic events and supplement future bond issuances.

	Authority Water Fund
Projected 2025 Fund Balance	20,992,658
Target Floor (500 days of non-bonded expenses)	21,981,507
Over/(Under)	(988,849)

Budget Summary

Below is a summary of the proposed 2025 budget, each topic discussed in greater detail during the budget subcommittee meeting.

(Table 1: Proposed 2025 Budget Summary)

Total Budget Comparison	Amount	\$ Change	% Change
2024 Revised Budget	30,229,302		
2024 Projection	26,911,500	(3,317,802)	-11%
2025 Proposed Budget	23,898,600		
2024 Projected Carryforward	5,404,473		
2025 Total Appropriated Funds	29,303,073	2,391,573	9%

- Operating budget decrease 3% from the 2024 projection, and 14.8% over 2024 budget
- Cap/CRP increase 19% over the 2024 projection, 30% decrease from the 2024 budget.
- Bond decrease 54% over the 2024 projection, 74% decrease from 2024 budget.

Net Income Summary

The proposed 2025 net income is \$2,924,900, intended to build fund balances and increase days cash-on-hand to reduce future bonding costs and safeguard against unforeseen economic events. The 2025 proposed CRP and capital revenues are balanced with expenses.

(Table 2: 2025 Proposed Net Income Summary)

Type	Revenue	Expense	Net
Operating	16,136,900	13,967,000	2,169,900
Debt Service	5,017,500	4,680,800	336,700
CRP	1,246,000	835,000	411,000
Capital	1,251,800	1,244,500	7,300
Subtotal	23,652,200	20,727,300	2,924,900
Bond Projects		3,171,300	
Total		23,898,600	

- Sources and uses of funds are balanced by type

Rate Summary

(Table 3: Proposed 2025 Water Base Service Charges)

Individually Metered Residential Water Service Base Charges/SFE/Month				
	2024	2025	\$ Change	% Increase
Base Rate Per SFE	24.47	25.20	0.73	3%
Typical Use (6 kgal)	29.64	29.94	0.30	1%
Debt Service 2013A	3.33	3.28	-0.05	-1.5%
Debt Service 2020 REV	7.07	7.12	0.05	0.7%
Debt Service 2020 REF	2.75	5.83	3.08	112%
Debt Service 2024	0.00	7.04	7.04	100%
Capital Replacement Program	5.23	5.86	0.63	12%
Typical Customer Pays (6 kgal use)	72.49	84.27	11.78	16.3%

Individually Metered Residential Water Usage Rates (per kgal)/SFE/Month				
	2024	2025	\$ Change	% Increase
Tier 1 (0 - 6,000 gallons)	4.94	4.99	0.05	1%
Tier 2 (6,001 - 12,000 gallons)	7.69	7.92	0.23	3%
Tier 3 (12,001 - 18,000 gallons)	13.28	13.68	0.40	3%
Tier 4 (18,001 – 30,000 gallons)	20.15	21.16	1.01	5%
Tier 5 (Greater than 30,000 gallons)	28.21	29.62	1.41	5%

Multi-Family/Commercial Water Base Service Charges/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Base Rate Per SFE	24.47	36.53	12.06	49.3%
Debt Service 2013A	3.33	4.62	1.29	38.7%
Debt Service 2020 REV	7.07	9.98	2.91	41.2%
Debt Service 2020 REF	2.75	8.19	5.44	197.8%
Debt Service 2024	0.00	9.89	9.89	100.0%
Capital Replacement Program	5.23	8.04	2.81	53.7%
Base Portion of Bill per SFE	42.85	77.25	34.40	80.3%

Multi-Family Water Usage Rates (per Kgal)/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Tier 1 (0 - 8,000 gallons)	4.94	4.76	-0.18	-3.7%
Tier 2 (8,001 - 16,000 gallons)	7.69	5.67	-2.02	-26.3%
Tier 3 (16,001 - 24,000 gallons)	13.28	13.25	-0.03	-0.2%
Tier 4 (24,001 – 36,000 gallons)	27.67	20.92	-6.75	-24.4%
Tier 5 (Greater than 36,000 gallons)	41.51	35.97	-5.54	-13.3%

Commercial Water Usage Rates (per Kgal)/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Tier 1 (0 - 8,000 gallons)	4.94	5.96	1.02	20.7%
Tier 2 (8,001 - 16,000 gallons)	7.69	8.51	0.82	10.6%
Tier 3 (16,001 - 24,000 gallons)	13.28	13.25	-0.03	-0.2%
Tier 4 (24,001 – 36,000 gallons)	27.67	20.92	-6.75	-24.4%
Tier 5 (Greater than 36,000 gallons)	41.51	35.97	-5.54	-13.3%

Mixed Use Water Base Service Charges/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Base Rate Per SFE	24.47	30.74	6.27	25.6%
Debt Service 2013A	3.33	4.62	1.29	38.7%
Debt Service 2020 REV	7.07	9.98	2.91	41.2%
Debt Service 2020 REF	2.75	8.19	5.44	197.8%
Debt Service 2024	0.00	9.89	9.89	100.0%
Capital Replacement Program	5.23	8.04	2.81	53.7%
Base Portion of Bill per SFE	42.85	71.46	28.61	66.8%

Mixed Use Water Usage Rates (per Kgal)/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Tier 1 (0 - 8,000 gallons)	4.94	5.96	1.02	20.7%
Tier 2 (8,001 - 16,000 gallons)	7.69	8.51	0.82	10.6%
Tier 3 (16,001 - 24,000 gallons)	13.28	13.25	-0.03	-0.2%
Tier 4 (24,001 – 36,000 gallons)	27.67	16.66	-11.01	-39.8%
Tier 5 (Greater than 36,000 gallons)	41.51	25.63	-15.88	-38.3%

Coverage Based Irrigation Base Service Charges & Water Usage Rates/Acre/Month				
	2024	2025	\$ Change	% Increase
Base Service	13.72	25.20	11.48	83.7%
Tier 1 (0 - 85,000 gallons)	9.49	9.49	0.00	0%
Tier 2 (85,001 - 142,000 gallons)	12.74	13.12	0.38	3%
Tier 3 (142,001 - 170,000 gallons)	14.58	15.31	0.73	5%
Tier 4 (170,001 – 190,000 gallons)	17.09	17.77	0.68	4%
Tier 5 (Greater than 190,000 gallons)	20.92	22.18	1.26	6%

Temporary/Suspended Base Service Charges & Water Usage Rates/SFE/Month				
	2024	2025	\$ Change	% Increase
Water Service Base Service	34.87	35.92	1.05	3%
Wastewater Service Base Charge	42.19*	43.48*	1.29	3%
Tier 1 (0 - 6,000 gallons)	9.49	9.49	0.00	0%
Tier 2 (6,001 - 12,000 gallons)	12.74	13.12	0.38	3%
Tier 3 (12,001 - 18,000 gallons)	14.58	15.02	0.44	3%
Tier 4 (18,001 – 24,000 gallons)	17.09	17.94	0.85	5%
Tier 5 (Greater than 24,000 gallons)	20.92	21.97	1.05	5%

*Base charge varies by account type

Seasonal Fire Hydrant Base Service Charges & Water Usage Rates/SFE/Month				
	2024	2025	\$ Change	% Increase
Hydrant and Meter Damage Deposit	4,000	4,000	0	0%
Meter Install/Removal Fee	200	200	0	0%
Weekly Meter Rental Fee	175	200	25	14.28%
Tier 1 (0 - 8,000 gallons)	9.49	9.49	0	0%
Tier 2 (8,001 - 16,000 gallons)	12.74	13.12	0.38	3%
Tier 3 (16,001 - 32,000 gallons)	14.58	15.31	0.73	5%
Tier 4 (32,001 – 64,000 gallons)	17.09	17.94	0.85	5%
Tier 5 (Greater than 64,000 gallons)	20.92	21.97	1.05	5%

(Table 4: Proposed 2025 Wastewater Base Service Charges)

Individually Metered Residential Wastewater Service Base Charges/SFE/Month				
	2024	2025	\$ Change	% Increase
Base Service (min charge 5 kgal)	36.72	37.85	1.13	3.1%
Additional usage per kgal	7.344	7.57	0.23	3.1%
2017 WW Crossover Refunding Bonds	2.75	2.75	0.00	0.0%
Debt Service 2020A Bonds:	5.06	5.07	0.01	0.0%
Debt Service 2020B Bonds:	5.13	5.12	-0.01	0.0%
Debt Service 2023 Bonds:	6.91	8.91	2.00	28.9%
Capital Replacement Program	5.47	5.63	0.16	3.00%
Base Portion of Bill per SFE	62.04	65.33	3.29	5.3%

Commercial Wastewater Service Base Charges/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Base Service (min charge 5 kgal)	36.72	43.00	6.28	17.1%
Additional usage per kgal	7.344	8.60	1.26	17.1%
2017 WW Crossover Refunding Bonds	2.75	3.70	0.95	34.5%
Debt Service 2020A Bonds:	5.06	6.80	1.74	32.4%
Debt Service 2020B Bonds:	5.13	6.89	1.76	36.3%
Debt Service 2023 Bonds:	6.91	11.95	5.04	72.9%
Capital Replacement Program	5.47	7.90	2.43	44.4%
Base Portion of Bill per SFE	62.04	80.24	18.20	29.3%

Multi-Family Wastewater Base Service Charges/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Base Service (min charge 5 kgal)	36.72	43.00	6.28	17.1%
Additional usage per kgal	7.344	8.60	1.26	17.1%
2017 WW Crossover Refunding Bonds	2.75	3.70	0.95	34.6%
Debt Service 2020A Bonds:	5.06	6.80	1.74	34.4%
Debt Service 2020B Bonds:	5.13	6.89	1.76	34.3%
Debt Service 2023 Bonds:	6.91	11.95	5.04	72.9%
Capital Replacement Program	5.47	7.90	2.43	44.4%
Base Portion of Bill per SFE	62.04	80.24	18.20	29.3%

Mixed Use Wastewater Base Service Charges/Multiplier/Month				
	2024	2025	\$ Change	% Increase
Base Service (min charge 5 kgal)	36.72	36.35	-0.37	-1%
Additional usage per kgal	7.344	7.27	-0.07	-1%
2017 WW Crossover Refunding Bonds	2.75	3.70	0.95	34.5%
Debt Service 2020A Bonds:	5.06	6.80	1.74	32.4%
Debt Service 2020B Bonds:	5.13	6.89	1.76	36.3%
Debt Service 2023 Bonds:	6.91	11.95	5.04	72.9%
Capital Replacement Program	5.47	7.90	2.43	44.4%
Base Portion of Bill per SFE	62.04	73.59	11.55	18.6%

*Following board direction, in 2025, all commercial, mixed-use, and multi-family accounts will transition to a meter-sized multiplier, aligning with industry standards and system impacts. The table above illustrates rate changes to accommodate the reduced billing multipliers, increased debt service requirements, and a modest base service rate adjustment.

Wastewater				
Typical customer pays per SFE/Month:	2024	2025	\$ Increase	% Increase
At 5 Kgal	62.04	65.33	3.29	5%

Combined Water and Wastewater				
Typical customer pays per SFE/Month:	2024	2025	\$ Increase	% Increase
Authority Customer	134.53	149.60	15.07	11.20%

(Table 5: Impact Fees, Development, Inclusion, & Dedication Fees)

2025 Impact Fees ¾" - 1.5"									
UPPER EAGLE REGIONAL WATER AUTHORITY IMPACT FEES									
Meter Size	¾" Short	¾"						1"	1½"
	.70 SFE	1.0 SFE						1.67 SFE	3.33 SFE
GPM	<21	21-25	26-29	30-35	36-40	41-45	46-49	50-99	100-199
WW	\$15,250	\$18,155	\$21,060	\$21,786	\$26,144	\$29,412	\$32,026	\$36,311	\$72,621
Authority Water	\$18,363	\$21,860	\$25,358	\$26,233	\$31,479	\$35,414	\$38,562	\$43,721	\$87,442

2025 Impact Fees 2"-8"									
UPPER EAGLE REGIONAL WATER AUTHORITY IMPACT FEES									
Meter Size	2" (C2)	2" (T2)	3" (C2)	3" (T2)	4" (C2)	4" (T2)	6" (C2)	6" (T2)	8"
	6.67 SFE	8.33 SFE	16.67 SFE	21.67 SFE	33.33 SFE	41.67 SFE	66.67 SFE	83.33 SFE	106.67 SFE
GPM	200-249	250-499	500-649	650-999	1,000-1,249	1,250-1,999	2,000-2,499	2,500-3,199	>3,200
WW	\$145,243	\$181,553	\$363,106	\$472,038	\$726,213	\$907,766	\$1,452,425	\$1,815,532	\$2,323,881
Authority Water	\$174,884	\$218,605	\$437,210	\$568,373	\$874,419	\$1,093,024	\$1,748,839	\$2,186,048	\$2,798,142

- Anchoring to the construction cost index, the rates above will increase by 10% in 2025. Impact fees have been adjusted to align with the meter-sized approach, specifically breaking out ¾" meter sizes into 5 GPM categories to better reflect system impacts and costs of connection.

(Table 6: Development, Inclusion, & Dedication Fees)

2025 Development, Inclusion, & Dedication Fees		
Eagle River Water & Sanitation District	Upper Eagle Regional Water Authority	
DEVELOPMENT FEE/ DEDICATION/ DEPOSIT	RESIDENTIAL	COMMERCIAL
Inclusion Fee	1,300.00	
Treated Water Storage Dedication (New Tank)	Where no existing regional water storage is sufficient to serve the proposed development, an applicant will be required to construct and dedicate water storage sufficient to serve the needs of the development. See Treated Water Storage Dedication policy.	
Water Rights Dedication Review Deposit	1,950.00	
Water Rights Dedication Cash-in-lieu	78,084 per consumptive acre-foot of water*	

- Anchored to the construction cost index, the rates above are increased 10% in 2025.

2025 OTHER FINES AND FEES		
Description	2024 Fee/Fine	2025 Fee/Fine
Backflow Program Noncompliance Fine	\$500 per violation/per month	\$500 per violation/per month
Fire Hydrant Meter Relocation Fee	\$200	\$200
Penalty Noncompliance Fee	\$150 per SFE /per month	\$150 per Multiplier /per month
Recording Fee	Actual Cost	Actual Cost
Meter Inspection & Re-inspection Fee	\$200	\$200
Returned Check or ACH Fee	\$50	\$50
Service and Inspection Calls	\$200	\$200
Service Turn-off fee for remodel or construction	\$100	\$200
Tampering and Unauthorized Use	\$5000 per violation	\$5000 per violation
Turn-off and Turn-on Fee for unpaid charges	\$175	\$200
Transfer of Service Fee	\$165	\$175
Account Reactivation Fee	\$125	\$125
New Connection Application Fee	\$175	\$250
Easement Encroachment Review	\$475	\$500
Variance Review	\$475	\$500
Development Approval Process	\$1,750	\$2,000
Infrastructure Acceptance Process	\$2,000	\$2,250
Delinquent Charge (CRS 29-1-1102)	5% on past due amount	5% on past due amount

(Table 7: Fund Balance Summary)

Authority	Fund Balance
2024 Beginning Balance	17,020,905
2024 Projected Contribution	1,312,520
2025 Projected Beginning Balance	18,333,425
2024 Carryforward	(265,667)
2025 Contribution	2,924,900
2025 Projected Ending Balance	20,992,658

- The above carryforward value excludes projects funded by bond proceeds.
- Proposed fund balance target floor equal to 500 days of non-bonded expenses to strengthen financial health, safeguard against unforeseen economic events, and supplement future bonds.
 - 2025 Proposed Target Floor: \$21,981,507.
 - The 2025 projected fund balance is \$988,849 below the target floor.

Budget Overview

2024 Operating Expense Budget Forecast

The 2024 projected operating expenditures are \$14,397,070, exceeding the \$12,161,346 operating budget by \$1,805,654, or 18.38%. The primary drivers of this projected overage are the operating agreement and emergency repairs. The operating agreement is projected to exceed budget by 11%, driven by higher direct costs related to CIP, Operations Technology, and Field Ops.

Note: Total expenditures include operations, outsourced services, operating agreement, and *exclude* any expenditures related to debt service or debt issuance.

2025 Operational Expense Budget Summary

The proposed 2025 operating budget is \$13,967,000, reflecting an increase of \$1,805,654 or 14.85% compared to the 2024 budget. The table below illustrates the proposed 2025 budget by department, in relation to the 2024 budget and projection. Narratives for each decision item in the 2025 operating budget are included as an attachment to this memorandum, and the decision items are included in the table below.

(Table 8: Department YOY Comparisons)

Department	2024 Budget	2024 Projection	2025 Proposed Budget		YOY Budget Change	% Change
Administration	95,100	122,790	110,600	(12,190)	15,500	16%
CIP	0	0	11,000	11,000	11,000	100%
Community Relations	20,000	23,800	20,000	(3,800)	0	0%
Field Ops	750,368	937,390	769,600	(167,790)	19,232	3%
Finance	8,360,257	10,124,860	9,757,700	(367,160)	1,397,443	17%
Operations/Security			30,000	30,000	30,000	100%
Ops Tech	100,000	100,000	57,000	(43,000)	(43,000)	-43%
Utility Services	520,000	520,000	520,000	0	0	0%
Water	1,490,600	1,597,010	1,613,200	16,190	122,600	8%
Water Conservation	140,000	145,000	74,000	(71,000)	(66,000)	-47%
Water Resources	685,021	826,220	1,003,900	177,680	318,879	47%
Total	12,161,346	14,397,070	13,967,000	(430,070)	1,805,654	14.85%

The most significant change to the proposed 2025 Operating Budget is an increase to the Operating Agreement with the District to offset growth in personal services, software, Life Cycle expenses, and CIP contributions to major projects.

Upper Eagle Regional Water Authority Operations Agreement

The Authority has contracted with the District to operate and maintain the water treatment plants in Avon and Edwards, the Berry Creek and Cordillera wells, the water distribution system, and to provide support services including accounting and billing, customer service, engineering, and other administrative activities such as board support and staff management. The Operations Agreement covers time, administrative costs, and office equipment and supplies associated with supporting the Authority’s operations.

The Authority is billed monthly by the District based on an annually budgeted amount. The projected need for 2024 is \$9,378,792. The proposed budget is designed to cover expenses under the Operating Agreement, ensuring these costs are covered by rates rather than drawing from the fund balance.

At the end of the fiscal year, true ups are conducted, and the Authority pays any outstanding balance. Within the total budget package, there is a \$10,170,835 operations agreement request for 2025. This represents an 8% increase over 2024 due to increased operational costs.

Routine operations overhead include office and operations facilities, supplies, and management overhead. These components are generally allocated between the Authority and the District based on payroll allocation percentages. Personnel expenditures are estimated based on the District staff’s time spent on Authority operations.

For historical perspective, the below illustrates the actual costs related to the Operations Agreement since 2014.

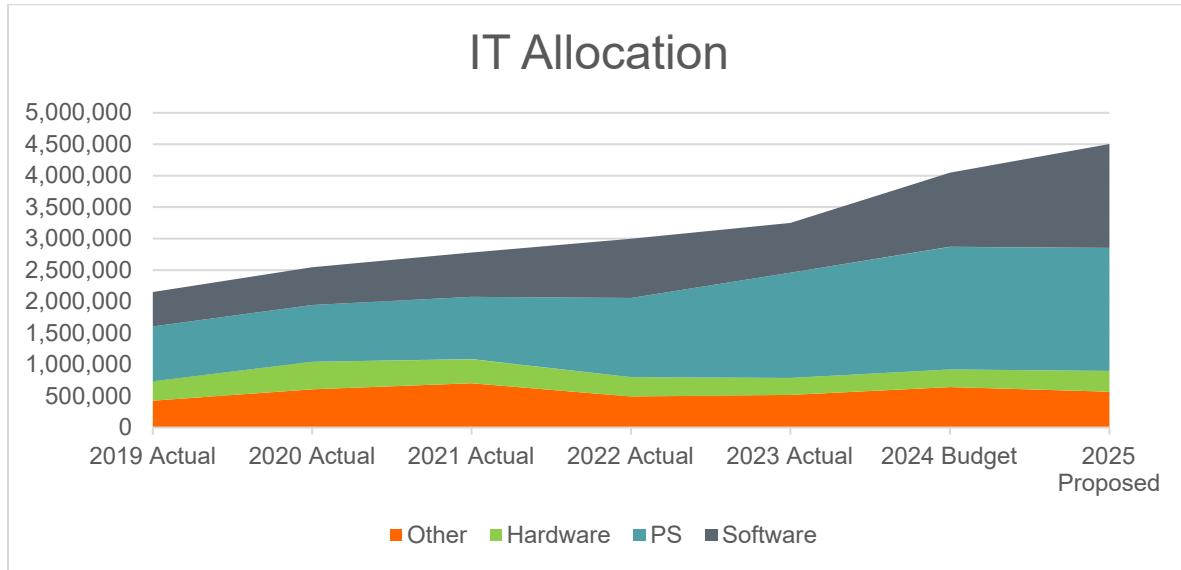
(Table 9: UERWA Operating Agreement Historical Actuals)

	2017	2018	2019	2020	2021	2022	2023	2024
Budget	4,076,066	4,080,000	4,100,000	4,700,000	4,700,000	6,750,000	7,425,000	8,481,648
Actual	4,914,771	4,961,104	4,959,745	6,555,621	7,539,684	8,434,768	8,664,921	9,378,792
Fund Impact	-838,705	-881,104	-859,745	-1,855,621	-2,839,684	-1,684,768	-1,239,921	-897,144

*2025 increases are primarily driven by CIP, Information Technology, and Field Operations. From 2017 – 2024 the UERWA fund balance has been absorbing the overages in the budget and actuals from the Operating Agreement totaling \$11,096,692.

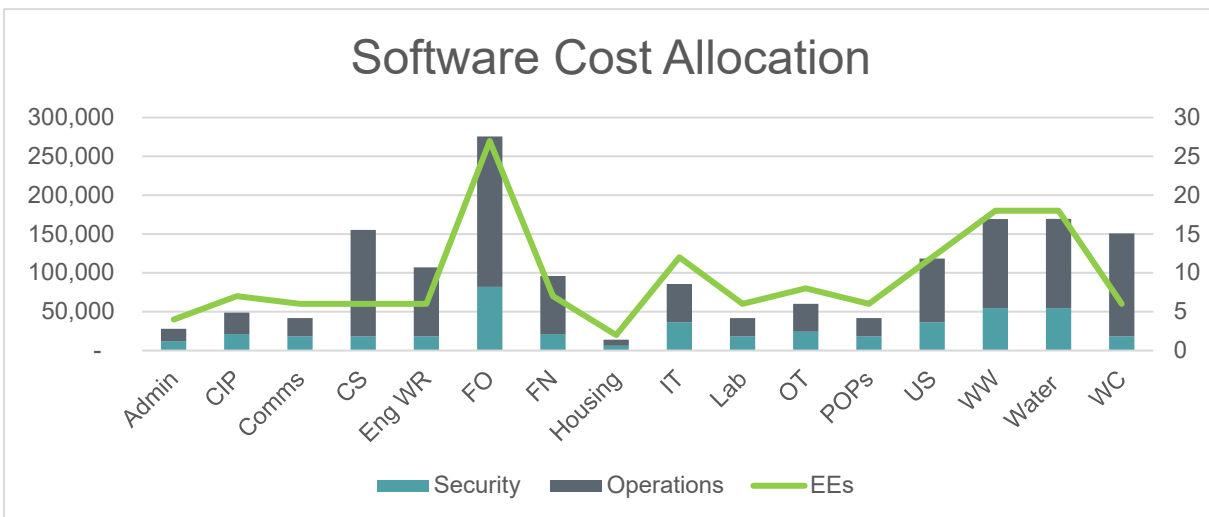
Information Technology Budget

(IT Growth by Category)



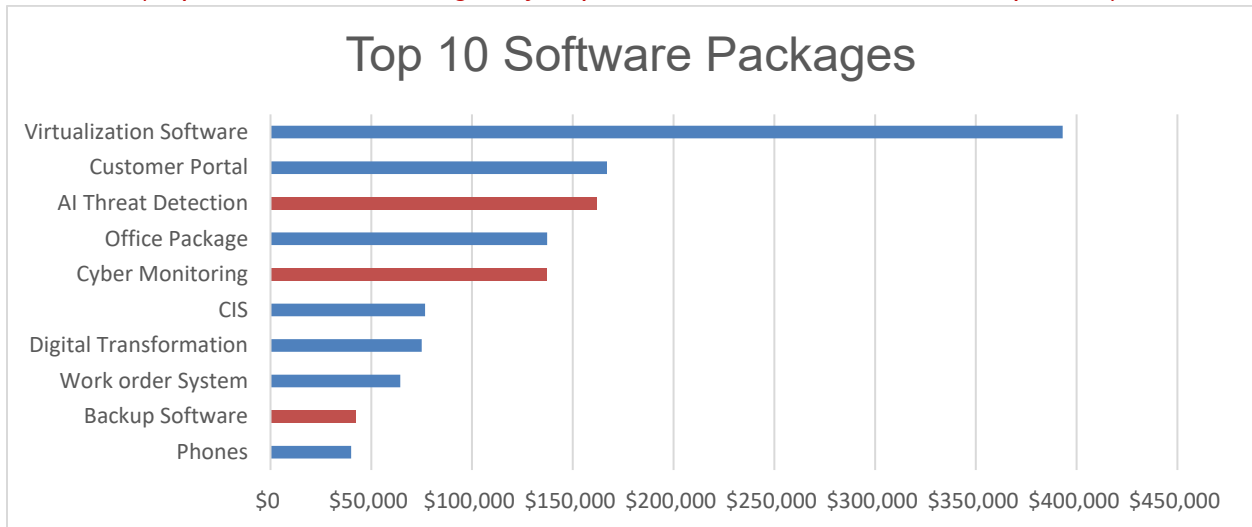
The IT budget is made up by 37% software, 43% personnel services, 7% hardware, and 13% other overhead expenses. The growth in software expenses related to IT infrastructure is the primary driver.

(Software Allocation by Department)



Software expenses are managed by the IT department but are allocated to individual departments based on usage. The graph above illustrates the distribution of these expenses across departments and their respective consumption levels. 32% of software expenses are allocated to security services, highlighting a strong emphasis on cybersecurity.

(Top 10 Software Packages by Expense: Confidential – Redacted specifics)



Software packages that form the IT infrastructure, particularly the server environment, represent the largest expense and are the main driver of cost growth due to rising service costs. Total investments in security equate to \$458,060 annually, or 13% of the overall IT budget.

Overall Payroll, and Benefits

The proposed 2025 budget includes 2 additional full-time employees (FTEs), bringing the total number of full-time positions within the District to 147. The budgetary impact of these FTE additions amounts to \$291,623. In a collaborative effort across departments, a strategy has been developed to focus on maintaining compensation levels through cost-of-living adjustments, merit increases, annual salary surveys, and compression analysis. The proposed overall payroll and benefits increase is \$1,486,235.

- Field Operator- Full Time
- Project Manager II-Full time
- 4% Cost of Living Adjustment
- 2.4% Merit Increase
- Wellness Benefit Increase
- On Call Improvements

(Table 10: Personnel Services & Benefits Decision Items)

Request	FTE
Field Operations – Field Operator	1
Operations – Project Manager II	1
Cost of Living Adjustment	
Merit Increase	
Wellness Benefit Increase	
On Call Improvements	
Total	2

Health and other benefit costs are projected to increase by 5%. It is proposed that the District share the increased health costs with employees, with a 4.25% budget increase and 0.75% distributed to employees. Total costs for health, dental, vision, and life insurance are estimated to increase from \$3,521,505 to \$3,697,580, an increase of \$176,075.

Total District personnel costs (salaries and benefits) for 2025 are budgeted at \$21,371,923, representing an increase of \$1,949,923 from the 2024 projection, or 10%. Of this increase, \$1,486,235 is allocated to FTE decision items (including 2 new FTEs), the COLA/merit package, on-call improvements, and the wellness benefit increase.

Capital Budget Overview

Summary

The total proposed capital, CRP, and bond projects budget for 2025 is \$5,250,800 (including decision items). The table below lists the major capital projects included in the budget. A detailed 10-year plan and project narratives are attached.

(Table 11: Major Capital Projects)

Fund Type	Project Name	2025 Budget	Total Project Budget
Bond Project	Bolts Lake Reservoir	1,271,250	68,804,205
Bond Project	Wildridge BPS and PRV Improvements	1,250,000	6,793,415
Bond Project	Arrowhead Transmission Main Rehab	500,000	3,349,999
Capital & CRP	Capitalized Construction Management	834,475	5,721,399
Capital & CRP	EDWF Plant Repairs	250,000	1,000,000

In addition to the 2025 funding requests, the total proposed appropriation includes projected carryforwards for unspent project budgets in 2024. Despite efforts to accurately forecast project timing, rollovers and returned funds can occur for various reasons. The major components of projected carryforwards and returned funds are detailed below.

(Table 12: 2024 to 2025 Budget Carryforward Summary)

Bond Projects	Estimated Carryforward
ADWF Bathroom/Kitchen Remodel	25,303
Arrowhead Transmission Main Rehab	768,823
Beaver Creek BPS 1,2, & 3 Rehabilitation	1,002,917
Cordillera West Tank 1 Rehabilitation	427,025
Estimated Bond Carryforwards	5,138,806
Fenno Well House/Raw Water Conveyance	40,000
Upgrade PLC 6 @ ADWF-Master PLC	117,656
Wildridge BPS and PRV Improvements	2,707,385
Estimated Bond Carryforwards	5,138,806

Capital & CRP Projects	Estimated Carryforward
Water Treatment Master Plan	190,364
Water System Emergency Power	50,000
ADWF Flooring Replacement (Phase 2)	25,303
Estimated Capital & CRP Carryforwards	265,667

The total carryforward is estimated to be \$5,404,473, where \$265,667 comes from CRP and Capital Funds and \$5,138,806 coming from Bond Funds.

(Table 13: 2024 Return to Fund Summary)

Bond Projects	Estimated Return to Fund
Fenno Well House/Raw Water Conveyance	184,617
Estimated Bond Return to Fund	184,617

(Table 13: 2024 Return to Fund Summary (cont.))

Capital & CRP Projects	Estimated Return to Fund
Cordillera East1 (Teacup) Tank Expansion	614,200
Distribution System Capital Replacement Prog.	181,189
Water System Emergency Power	93,951
Pump Station Industrial Painting	65,000
ADWF Domestic Lift Station Rehab	36,810
Estimated Capital & CRP Return to Fund	991,150

The total returned funds are estimated to be \$1,175,767, comprising \$184,617 from bond projects and \$991,150 from Capital and CRP projects.

Debt Service

The ongoing water master plan has informed the estimates in the table below. The Authority issued \$22 million in revenue bonds in 2024 to fund major water projects. The monthly debt service rate for Individually Metered customers is \$7.04 per SFE. For commercial, mixed-use, and multi-family properties, the monthly debt service rate is \$9.89 per multiplier. The 2024 debt service rates are included in the 2025 rate package. The current 10-Year Capital Improvement Plan projects a need for a \$32 million bond issue in 2026, with an estimated monthly debt service rate of \$18.38 per multiplier.

(Table 14: Bond Fund Projection)

UERWA	Bond Fund Balance	Funding Strategies – Revenue Bond
Beginning Balance	16,761,177	
2024 Projection	6,892,020	
2025 Projected Beginning Balance	9,869,157	
2024 Carryforward into 2025	5,138,806	
2025 Budget	3,171,250	
2026 Budget	1,559,101	
Current Bond Window End Balance	0	
2026 Ending Bond Balance	32,253,250*	~\$18.38/Multiplier/Month
2027 Budget	9,678,500	
2028 Budget	6,566,000	
2029 Budget	16,008,750	

*Current estimate. Projects will be drafted for board review prior to a proposed bond resolution.

Consumer Price-Index

Previous budget cycles included a memo documenting the Consumer Price Index (CPI) values and their impacts. The CPI measures the average change over time in the prices paid by urban consumers for a market basket of goods and services, with indexes available for the U.S. and various regions. While informative, the Denver-Aurora-Lakewood CPI metrics are less representative of the high mountain areas. Moving forward, the Bureau of Labor Statistics' Mountain-Plains data will be used as a more accurate reference. The annual increase from June 2023 to June 2024 is 3.3%

Decision Items

(Table 15: Decision Items)

Department	Type	Description	Operating	Capital	2025 Total
Field Ops	Capital	Fire Hydrant System Valves Inspections	0	100,000	100,000
Water	Capital	ADWF Flooring Replacement (Phase 2)	0	135,000	135,000
Operations	Operating	Emergency Preparedness	30,000	0	30,000
		Total	30,000	235,000	265,000

Decision Items Details

- 1. Name of Request: Fire Hydrants and System Valves inspection by subcontractor**
Department: Field Ops

Problem or Opportunity:

Field Operations currently is unable to meet maintenance goals related to fire hydrant and system valves due to the demands of emergency repairs and other departmental requirements.

Consequences of Problem:

Field Operations is unable to meet maintenance goals.

Proposed Solution:

A specialized inspection subcontractor, working within our CMMS system and alongside our team, is expected to achieve maintenance goals within one summer.

Costs:

Source: Capital

Costs	2025
Construction	100,000
Totals:	100,000

- 2. Name of Request: ADWF Flooring Replacement (Remodel Phase 2)**
Department: Water

Problem or Opportunity:

The tile in the ADWF administration area is cracked/missing and the carpeting is in poor condition.

Consequences of Problem:

If left unaddressed, cracked tiles and deteriorating carpeting could lead to more extensive damage, potentially increasing the cost of repairs over time.

Proposed Solution:

Replace tile and carpet flooring.

Costs:

Source: Capital

Costs	2025
Construction	135,000
Totals:	135,000

3. Name of Request: Safety Emergency Preparedness

Department: Operations

Problem or Opportunity:

Currently, there is no Emergency Preparedness program in the O&M budgets. Funds have not been specifically budgeted in previous years for emergency preparedness-related studies, improvements projects, and equipment. The lack of specific line items in the budget has created two primary problems: 1) a lack of funding to complete critical emergency preparedness projects such as those identified in the Risk and Resiliency Analysis (RRA) and 2) unnecessary administrative and accounting challenges because funds for emergency preparedness-related work must be identified and transferred from various O&M accounts across participating departments.

Consequences of Problem:

Continued lack of funding for critical emergency preparedness programs, projects, and equipment. Continued unnecessary administrative and accounting inefficiencies with budget transfers from other O&M accounts. Emergency Preparedness Program stagnation.

Proposed Solution:

Create line items in the annual O&M budgets for an emergency preparedness program. The funds will be used for planning, special studies, improvements projects, and equipment. Line items will be created in the Water and Field Operations department O&M budgets.

Costs:

Source: Operating

Costs	2025	2026	2027
Operating	30,000	30,000	30,000
Totals:	30,000	30,000	30,000

Appendix A: 10-Year Capital Plan

Appendix B: Capital Project Narratives

Appendix C: Line-Item Detail

Appendix D: River District Funding Consideration Letter

Appendix A: 10-Year Capital Plan

Upper Eagle Regional Water Authority

Account/Project Name	Departments	Project Type	24 Revised Budget	YE Proj	Est. Carryforward	2025 Proposed	2026	2027	2028	2029	2030	2031	2032	2033	2034	2034
20-1-2-00-00-000 ADWF Electric Service Improvements	Ops Tech	Bond Project	0	0		150,000	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-014 CRP- Wildridge BPS and PRV Improvements	Field Ops	Bond Project	4,607,385	1,900,000	2,707,385	1,250,000	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-019 CRP-Upgrade PLC 6 @ ADWF-Master PLC	Ops Tech	Bond Project	296,139	178,483	117,656	0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-024 CRP-OT Network Upgrade/Improvements	IT	CRP	20,000	20,000		0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-039 CRP-Fenno Well House/Raw Wtr Conveyance	Water	Bond Project	300,000	75,383	40,000	0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-043 CRP-Water Storage Tank Improvements	Water	CRP	250,000	250,000		150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
20-1-2-00-00-044 CRP-ADWF Domestic Lift Station Rehab	Water	CRP	101,484	64,674	0	0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-045 CRP-ADWF Bathroom/Kitchen Remodel	Utility Services	CRP	145,303	120,000	25,303	135,000	95,000	0	0	0	0	0	0	0	0	0
20-1-2-00-00-133 Water Treatment Master Plan	Water	Capital	190,364	0	190,364	0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-135 Water System Emergency Power	Water	Capital	193,951	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-136 Bolts Lake Reservoir	Engineering	Bond Project	1,729,952	1,729,952	0	1,271,300	1,146,250	1,633,750	1,821,250	13,708,750	22,596,250	22,596,250	22,596,250	0	0	0
20-1-2-00-00-138 CRP-Arrowhead Transmission Main Rehab	Field Ops	Bond Project	2,514,518	1,745,695	768,823	500,000	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-140 ADWF Membrane Roof Replacement	Water	Capital	0	18,666		0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-00-141 ADWF Electric Service Improvements	Water	Capital	150,000	75,000	75,000	150,000	412,851	0	0	0	0	0	0	0	0	0
20-1-2-00-00-244 CRP-Pump Station Industrial Painting	Field Ops	CRP	65,000	0		75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
20-1-2-00-00-260 CRP-UERWA Analyzer Replacement Allowance	Water	CRP	100,000	100,000		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
20-1-2-00-00-323 CRP- Valve Replacement Program	Field Ops	CRP				100,000										
20-1-2-00-00-325 CRP-Safety/Security	People Ops	CRP	7,500	7,500		40,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
20-1-2-00-00-350 Eagle-Vail Tanks WST #1 & #2 Replacement	Water	Capital	0	0		0	0	250,000	6,000,000	0	0	0	0	0	0	0
20-1-2-00-00-375 CRP-ADWF Plant Repairs	Water	CRP	100,000	100,000		75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
20-1-2-00-00-376 CRP-EDWF Plant Repairs	Water	CRP	200,000	200,000		250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
20-1-2-00-00-377 CRP-Wells/Misc. Repairs	Water	CRP	125,000	125,000		75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
20-1-2-00-00-462 ADWF High Zone Production Imp.-Design A13	Water	Capital	0	0		0	0	2,200,000	3,000,000	0	0	0	0	0	0	0
20-1-2-00-00-490 ADWF Administration Expansion	Water	Bond Project	0	0		0	0	2,300,000	0	0	0	0	0	0	0	0
20-1-2-00-00-900 CRP-Capitalized Construction Management	Finance	Capital	623,150	623,150		834,500	834,475	834,475	834,475	834,475	834,475	834,475	834,475	834,475	834,475	834,475
20-1-2-00-00-999 CRP-Distribution System Capital Replacement Prog.	Field Ops	CRP	235,000	53,811		150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
20-1-2-00-20-001 Dowd BPS Upgrades	Field Ops	Capital	0	0		0	0	0	120,000	900,000	0	0	0	0	0	0
20-1-2-00-20-101 Beaver Creek BPS 1,2, & 3 Rehabilitation	Field Ops	Bond Project	1,252,917	250,000	1,002,917	0	0	5,744,750	4,744,750	0	0	0	0	0	0	0
20-1-2-00-20-102 Arrowhead Tank 2 Rehabilitation	Field Ops	Capital	0	0		0	0	75,000	750,000	0	0	0	0	0	0	0
20-1-2-00-30-001 Cordillera Autoflush Hydrants	Field Ops	Capital	0	0		0	120,000	0	0	0	0	0	0	0	0	0
20-1-2-00-30-300 Cordillera East1 (Teacup) Tank Expansion	Water	Capital	614,200	0		0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-30-301 Cordillera West Tank 1 Rehabilitation	Water	Bond Project	1,364,533	937,508	427,025	0	0	0	0	0	0	0	0	0	0	0
20-1-2-00-30-302 Batch Gulch Tank 4 and Straw Park Tank	Water	Capital	0	0		0	0	100,000	1,000,000	0	0	0	0	0	0	0
20-1-2-00-30-303 EDWF Treatment Improvements	Water	Capital	0	0		175,000	450,000	2,000,000	2,000,000	0	0	0	0	0	0	0
20-1-2-00-30-304 EDWF PLC and Control Improvements	Water	Capital	0	0		0	0	250,000	3,000,000	0	0	0	0	0	0	0
20-1-2-00-47-100 OTS Equipment Inventory	Ops Tech	CRP-Inventory	10,000	10,000		0	0	0	0	0	0	0	0	0	0	0
Total			15,196,396	8,634,822	5,404,473	5,430,800	3,893,576	14,022,975	23,305,475	21,578,225	24,265,725	24,265,725	24,265,725	1,669,475	1,669,475	1,669,475

Appendix B:

UERWA Capital Project Budget Narratives

Engineering

Project Name: Bolts Lake Reservoir		Account Code: 20.1.2.00.00.136	
Project Description: Capital fund for UERWA portion (75/25) for land purchase, permitting, design, and construction of a future water supply project.			
Statement of Need: Needed to provide strategic in-basin storage to meet demands of future development, provide minimum in-stream flows, and hedge against uncertainty of climate change.			
2025 Budget Request: 1,659,994 (UERWA)			
Total Project Budget: 97,696,310 (UERWA)			
Basis of Estimate: 75% of actual land costs, rough conceptual estimates on design/permitting costs, and a conceptual engineer estimate.			
Engineer: Black & Veatch (Program Manager)		Project Manager: Justin Hildreth	

Field Operations

Project Name: Wildridge BPS and PRV Improvements		Account Code: 20.1.2.00.00.014	
Project Description: Replacement and rehabilitation for various distribution system assets in the Wildridge Subdivision, namely, tanks, pump stations, PRVs, and other appurtenances. The various facilities are at end of life cycle (40+ years old).			
Statement of Need: The high elevation, 40-year-old subdivision infrastructure scored very high in the 2020 Distribution System Master Plan condition assessment both for consequence and likelihood of failure. This project was the first project output of the plan recommended. In fact, a budget was created for this project in 2017 due to operational concerns but was put on hold in favor of completing the master plan. The master plan served to reinforce the priority of this important project.			
2025 Budget Request: 1,250,000			
Total Project Budget: 6,793,415			
Basis of Estimate: Construction contract and engineering service contract			
Engineer: AE2S		Project Manager: Carter Keller	

Project Name: Arrowhead Transmission Main Rehab		Account Code: 20.1.2.00.00.138	
Project Description: Investigation, design, and construction of rehabilitated or replaced 16" transmission main feeding the Arrowhead WST. Scope also includes a valve vault near the tank to help with tank balancing with CVC in the Edwards low zone. Project originally budgeted in 2020, but another design alternative was explored, delaying implementation for a year.			
Statement of Need: Corrosive soils in the area led to a line break in 2019 on this critical infrastructure. In addition, much of the pipeline has seen excessive fill atop the pipe throughout the years. Valve vault will help with system hydraulics in the Edwards zone.			
2025 Budget Request: 500,000			
Total Project Budget: 3,350,000			
Basis of Estimate: Construction contract, engineering services contract, contingencies			
Engineer: Tetra Tech, Inc.		Project Manager: Mark Mantua	

Appendix B:

UERWA Capital Project Budget Narratives

Project Name: CRP – Distribution Industrial Painting		Account Code: 20.1.2.00.00.244
Project Description: Annual account for small industrial painting projects at distribution system facilities such as PRV vaults and pump stations.		
Statement of Need: Annual account for painting various water system appurtenances. Industrial coatings are critical to extend the lifespan of various system assets due to corrosion.		
2025 Budget Request: 75,000		
Total Project Budget: Annual		
Basis of Estimate: Annual account, based on roughly 2-3 facilities per year		
Engineer: N/A		Project Manager: Niko Nemcanin

Project Name: CRP – Distribution System Capital Replacement Program		Account Code: 20.1.2.00.00.999
Project Description: Annual account for small projects such as small mainline extensions, replacements, or hydrant relocations for the UERWA Water System.		
Statement of Need: Annual account for large purchase/small projects related to water mains and appurtenances in the Vail water system. Examples would include: working with developers/other entities on small projects, hydrant relocations, etc.		
2025 Budget Request: 150,000		
Total Project Budget: Annual		
Basis of Estimate: Annual account, based on potential expenditures		
Engineer: N/A		Project Manager: Niko Nemcanin

Project Name: Beaver Creek BPS 1, 2, 3 Rehabilitation		Account Code: 20.1.2.00.20.101
Project Description: Identified in the 2020 Water Distribution Master Plan and included due to high scores on both consequence and likelihood of failure. Originally budgeted as separate projects and only including BPS 3 and 2, the projects are combined, and BPS 1 added to the scope. A team-based scoping exercise was completed and the scope was finalized to replace BPS 2 and 3 with one new station, add a transmission main, and rehabilitate BPS 1.		
Statement of Need: Station condition and reliability scored poorly in the condition assessment portion of the 2020 master plan; Beaver Creek 3, 2, and 1 are the top three highest scoring pump station assets in the risk-based assessment. In addition, a preliminary review revealed that the pumps run off of their curve, reducing their efficiency. Additional scope includes connection point for portable mobile generators in the event of a power outage.		
2024 Budget Request: N/A – Carry forward from 2024		
Total Project Budget: 11,851,400		
Basis of Estimate: Conceptual design report planning level estimate plus additional escalation and contingency.		
Engineer: Burns McDonnell		Project Manager: Carter Keller

Appendix B:

UERWA Capital Project Budget Narratives

Project Name: Dowd BPS Upgrades		Account Code: 20.1.2.00.20.001	
Project Description: Rehabilitation and potential capacity increase of the Dowd Booster Pump Station. Project identified in the 2020 Distribution System Master Plan. Subsequent Risk and Resiliency Assessments and ongoing Emergency Response Planning reinforces the critical nature of the facility.			
Statement of Need: A major factor in the reliability and resiliency of the water distribution system is the ability to transfer water between zones for normal operations, water quality, or emergency scenarios. Dowd Junction BPS is the point at which water from the Avon High Zone is transferred to West Vail and is a critical pumping facility. Recent pump rehabs with long equipment replacement lead times reinforces the need for proactive improvements			
2025 Budget Request: N/A – projected to start in 2028			
Total Project Budget: 1,020,000			
Basis of Estimate: Conceptual master planning estimate with additional escalation and contingency			
Engineer: TBD		Project Manager: TBD	

Project Name: Cordillera Autoflush Hydrants		Account Code: 20.1.2.00.30.001	
Project Description: Autoflush hydrants are a way to improve water quality without manual flushing of fire hydrants. They have been successfully installed at Webb Peak and Red Draw in Cordillera.			
Statement of Need: Seasonal water usage fluctuations and large tank storage capacity lead to water quality concerns in the far reaches of Cordillera, whether from low chlorine or disinfection byproducts. Autoflush hydrants are a relatively simple capital solution. An added benefit is that it leads to reduced manpower to flush fire hydrants, and system benefits of more frequent lower flow result in fewer PRVs opening, which could cause pressure spikes and potential breaks.			
2025 Budget Request: N/A – projected for 2026			
Total Project Budget: 240,000			
Basis of Estimate: Escalated cost from recently completed project			
Engineer: N/A		Project Manager: TBD	

Finance

Project Name: CRP – Capitalized Construction Management		Account Code: 20.1.2.00.00.900	
Project Description: As provided in the Authority Agreement, this account compensates the District for project management by the CIP/Engineering department for Authority projects.			
Statement of Need: Required per Authority Agreement and included in the base compensation.			
2025 Budget Request: 834,475			
Total Project Budget: Annual			
Basis of Estimate: Annual account			
Engineer: N/A		Project Manager: N/A	

Appendix B:

UERWA Capital Project Budget Narratives

Water

Project Name: Water Storage Tank Improvements	Account Code: 20.1.2.00.00.043
Project Description: Annual account for small tank rehabilitation/repair projects throughout the UERWA system's water storage tank inventory.	
Statement of Need: Periodic tank inspections often reveal potential sanitary issues such as separated overflow pipe joints, hatch issues, etc. The account was created in response to our 2019 CDPHE Sanitary Survey for the Vail System and represents a proactive approach to addressing storage tank deficiencies.	
2025 Budget Request: 150,000	
Total Project Budget: Annual	
Basis of Estimate: Annual account, based on anticipated expenditures and annual workloads	
Engineer: Various	Project Manager: Travis Young

Project Name: Cordillera West Tank 1 Rehabilitation	Account Code: 20.1.2.00.30.301
Project Description: In 2018, Arrowhead and Cordillera West 1 tanks were inspected by SGM. They are steel tanks which periodically require recoating to extend the project life cycle. It was determined at the time to push Cordillera West 1 another 5 years. The tank requires sandblasting, weld repairs as needed, and application of a new engineered coating system. In addition, the venting, hatches, and overflows often require modifications to bring them up to current CDPHE standards. Project is under contract and scheduled to begin September 16.	
Statement of Need: Originally budgeted in 2019 and deferred due to favorable condition at the time, it is critical to recoat steel WSTs on a periodic basis to ensure their integrity, mitigate failure and leakage concerns, and avoid large replacement costs. The overflow and drain pipeline are required to be separate pipelines per CDPHE requirements and are currently consolidated into one line.	
2025 Budget Request: NA – potential carry forward from 2024	
Total Project Budget: 1,376,200	
Basis of Estimate: Construction contract, engineering services, other costs (3 rd party inspection)	
Engineer: Black and Veatch	Project Manager: Kevin Nelson

Project Name: Water Treatment Master Plan	Account Code: 20.1.2.00.00.133
Project Description: UERWA portion of a comprehensive master for water treatment and production facilities (plants, wells, raw water) plan using information contained in a detailed condition assessment, future growth, regulatory requirements, etc. Project originally budgeted for 2019 kickoff and due to challenges and management turnover, was contracted in 2022. The first phase of the work is complete; the second phase was not awarded due to underperformance of the consultant team. Budget being retained to complete small 'spin off' studies in 2025 or small consultant contracts to supplement in-house efforts.	
Statement of Need: The distribution system master plan was completed in 2020 which served as a background for system demands and identified the need for future production improvements. A comprehensive treatment/production master plan will help guide future capital needs in the water treatment/production category using the distribution plan as an input. A master plan will allow for better future capital spending data and guide the roughly \$2M/year invested in the ADWF, for example, to optimize future capital outlay to best address operational challenges, growth, regulatory changes, and obsolete or aging infrastructure replacement.	
2025 Budget Request: N/A – carry forward from 2024	
Total Project Budget: 333,333	
Basis of Estimate: Carollo Engineering contract	
Engineer: In-house project team	Project Manager: Jenna Beirsto

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UERWA Capital Project Budget Narratives

Project Name: Water System Emergency Power	Account Code: 20.1.2.00.00.135
Project Description: This project is an ongoing effort to bolster the water distribution system’s resiliency in the event of an extended power outage. The multi-year project includes a study or priority of which improvements are required at which facilities and construction of items such as generators and generator connections/transfer switches.	
Statement of Need: This budget was first approved in 2018 to address the water distribution system’s ability to function during an extended power outage. Six small projects were completed as part of this effort.	
2025 Budget Request: N/A – rollover from 2024	
Total Project Budget: 275,000	
Basis of Estimate: N/A – ongoing multi-year implementation	
Engineer: N/A	Project Manager: Daniel Caffrey

Project Name: UERWA Analyzer Replacement Allowance	Account Code: 20.1.2.00.00.260
Project Description: Annual account for replacement of various analyzers throughout the water treatment process, critical to regulatory compliance, process control and water production and data collection. This account is a consolidation of various small CRP line items in past years.	
Statement of Need: Analyzers are a critical appurtenance to water treatment facilities, controlling chemical dosing, pump rates, etc. and often require replacement or shelf spare purchasing.	
2025 Budget Request: 50,000	
Total Project Budget: Annual	
Basis of Estimate: Annual account based on consolidation of several smaller accounts and vendor quotes	
Engineer: N/A	Project Manager: Wade McCaulley

Project Name: ADWF Plant Repairs	Account Code: 20.1.2.00.00.375
Project Description: Annual account for various small projects and large purchases required at the ADWF that do not fit in expense budgets but do not elevate to a large capital project. Reduced in 2025 from previous years (100k).	
Statement of Need: Project was created by consolidating numerous smaller projects and gives operators more flexibility in responding to needs as they arise.	
2025 Budget Request: 75,000	
Total Project Budget: Annual	
Basis of Estimate: Annual account based on consolidation of several smaller accounts and vendor quotes	
Engineer: N/A	Project Manager: Wade McCaulley

Project Name: EDWF Plant Repairs	Account Code: 20.1.2.00.00.376
Project Description: Annual account for various small projects and large purchases required at the EDWF that do not fit in expense budgets but do not elevate to a large capital project. Larger than historic request due to lack of plant investment until recently.	
Statement of Need: Project was created by consolidating numerous smaller projects and gives operators more flexibility in responding to needs as they arise.	
2025 Budget Request: 250,000	
Total Project Budget: Annual	

Appendix B:

UERWA Capital Project Budget Narratives

Basis of Estimate: Annual account based on consolidation of several smaller accounts and vendor quotes	
Engineer: N/A	Project Manager: Wade McCaulley

Project Name: Wells/Misc. Repairs	Account Code: 20.1.2.00.00.377
Project Description: Annual account for various small projects and large purchases required at down valley wells in Edwards and Cordillera that do not fit in expense budgets but do not elevate to a large capital project.	
Statement of Need: Project was created by consolidating numerous smaller projects and gives operators more flexibility in responding to needs as they arise.	
2025 Budget Request: 75,000	
Total Project Budget: Annual	
Basis of Estimate: Annual account based on consolidation of several smaller accounts and vendor quotes	
Engineer: N/A	Project Manager: Andrew Kirsch

Project Name: Eagle-Vail WSTs 1 and 2 Replacement	Account Code: 20.1.2.00.00.350
Project Description: Strategic replacement of aging water storage tanks at the top of Whiskey Hill in Eagle-Vail. There are currently two aging storage tanks, 0.3 MG and 1.0 MG. With Traer Creek WST online, there is need for a large storage capacity at this site.	
Statement of Need: The Eagle Vail WST roof has long been a concern for structural condition as well as not meeting current design standards. Plus the total capacity of 1.3 MG of storage is no longer needed with the 2.0 MG Traer Creek WST online. The project was identified in 2009 and 2020 Distribution System Master Planning and geotechnical engineering work was started in 2015.	
2024 Budget Request: N/A – scheduled to begin in 2027	
Total Project Budget: 6,312,905	
Basis of Estimate: Conceptual estimate based on per volume concrete tank costs	
Engineer: TBD	Project Manager: TBD

Project Name: ADWF High Zone Production Improvements	Account Code: 20.1.2.00.00.462
Project Description: This project originally appeared in the budget a decade ago as an output of the 2009 Water Master Plan, but has shifted in favor of other treatment and control-related improvements over the years. These improvements are largely to replace aging electrical equipment that power and control the high service pumps. The current budget and timing reflect a 'placeholder' for a future capital expenditure once the scope is determined via completion of the current master planning effort.	
Statement of Need: Avon DWF is the most critical production facility in the combined system, having both the largest capacity and ability to serve multiple pressure zones. Capital investment on the pumping and delivery side is a near certainty based on ongoing planning efforts and reliability and safety of aging electrical equipment.	
2024 Budget Request: N/A – scheduled to begin in 2025	
Total Project Budget: 5,201,344	
Basis of Estimate: Conceptual placeholder based on similar scopes of work in other facilities	
Engineer: TBD	Project Manager: TBD

Project Name: ADWF Electric Service Improvements	Account Code: 20.1.2.00.00.141
Project Description: Evaluation and improvements to the incoming secondary electrical feed to the Avon DWF, our largest and most critical production facility. Improvements will likely consist of larger wire and conduit and new electrical panels and switchgear on the interior of the facility.	

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UERWA Capital Project Budget Narratives

Statement of Need: A study was performed in 2021 reviewing the electrical service and finished water pumping capacity at the ADWF. Secondary and generator appear to be undersized for their associated breakers and do not meet National Electric Code, which could result in premature cable failure. Also, the conductor size limits the number of pump horsepower that can run at one time therefore inhibiting the full production capacity of the facility, especially with future improvements on the horizon.	
2025 Budget Request: 150,000	
Total Project Budget: 712,851	
Basis of Estimate: Design contract and conceptual construction cost estimates	
Engineer: AE2S	Project Manager: Carter Keller

Project Name: EDWF Treatment Improvements	Account Code: 20.1.2.00.30.303
Project Description: EDWF requires a Comprehensive Plant Evaluation (CPE), baffling improvements to its clearwell for disinfection criteria and compliance with CDPHE Regulations, and a detailed condition assessment. This project is the beginning of a multi-year effort to invest in and optimize the facility which began with increased CRP project spending in 2023.	
Statement of Need: Edwards DWF was traditionally used as a peaking facility in summer months, but new supervision has optimized the facility. Our Water Treatment Master Planning effort indicates that this is likely the highest priority for UERWA production facilities. The plant is capable of expansion and optimization and is ranked as the second most critical production facility in the combined water system. Originally added to the 10-year plan as an out-year placeholder, master planning efforts led to this being a higher, more near-term priority.	
2025 Budget Request: 175,000	
Total Project Budget: 4,625,000	
Basis of Estimate: Conceptual estimates based on in-house comparisons with similar project scopes	
Engineer: TBD	Project Manager: TBD

UERWA
Appendix C
Line Item Detail

Type/Department	2024 Budget	2024 Poj.	2025 Proposed
Operating	12,161,346	14,397,070	13,967,000
Administration			
20-1-9-00-25-016 General Operations	2,500	-	-
20-1-9-00-25-080 Board Meetings/Travel Expenses	2,000	1,130	-
20-1-9-00-25-090 Directors Fees	15,600	15,600	15,600
20-1-9-00-25-190 General Legal	60,000	60,000	60,000
20-1-9-00-25-191 General Legislative Affairs	15,000	46,060	35,000
Administration Total	95,100	122,790	110,600
CIP			
20-1-9-00-25-296 RR Right of Way & Permits	-	-	1,000
20-1-9-00-26-018 On Call Engineering	-	-	10,000
CIP Total	-	-	11,000
Community Relations			
20-1-9-00-15-460 Consumer Confidence Report	4,000	4,040	4,000
20-1-9-00-25-060 Community Relations	16,000	19,760	16,000
Community Relations Total	20,000	23,800	20,000
Engineering			
20-1-9-00-00-777 Water Demand Mgt Rebate Program		800	-
20-1-9-00-15-230 GIS Support	10,000	10,000	10,000
20-1-9-00-15-231 Aerial Imagery Subscription	3,250	7,120	7,100
20-1-9-00-15-275 USGS Stream Gage Contracts	45,947	69,000	73,100
20-1-9-00-15-290 Green Mtn Augmentation - USDA D of I	10,280	-	10,800
20-1-9-00-15-296 RR Right of Way & Permits	600	620	600
20-1-9-00-15-320 Wolford Mt. Augmentation Water - CRWCD	262,254	262,250	275,100
20-1-9-00-15-330 Eagle Park Augmentation Water - CRWCD	28,161	142,390	149,500
20-1-9-00-25-018 Engineering-Planning Dept.	10,000	10,000	10,000
20-1-9-00-25-030 Water Rights Protection	240,000	240,000	200,000
20-1-9-00-25-031 Shoshone	-	-	206,700
20-1-9-00-25-150 Drought Response Plan	15,529	25,040	-
20-1-9-00-25-185 Eagle River Watershed Support	25,000	25,000	25,000
20-1-9-00-25-297 Sustainability Committee	8,000	8,000	10,000
20-1-9-00-25-420 Eagle River Watershed Study USGS	25,000	25,000	25,000
20-1-9-00-35-202 Easements and Recording Fees	1,000	1,000	1,000
Engineering Total	685,021	826,220	1,003,900
Field Ops			
20-1-9-00-15-515 FH Snow Removal	10,000	10,000	-
20-1-9-00-18-400 BPS/PRV - Electrical and Controls Equipment	-	-	15,000
20-1-9-00-18-500 BPS/PRV Repairs - Equipment	110,000	89,900	85,000
20-1-9-00-18-510 BPS/PRV Building & Grounds	10,000	42,860	25,000
20-1-9-00-25-019 Engineering - FO	10,000	10,000	10,000
20-1-9-00-35-200 Electricity - lines,heat tape,PRV	17,168	23,800	24,500
20-1-9-00-35-201 UERWA System Electricty	343,200	349,600	360,100
20-1-9-00-35-500 Repair- Distribution System	250,000	411,230	250,000
Field Ops Total	750,368	937,390	769,600
Finance			

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Type/Department	2024 Budget	2024 Poj.	2025 Proposed
20-1-9-00-15-160 Eagle Park Reservoir Operating Assessments	280,156	295,390	180,000
20-1-9-00-25-020 Miscellaneous	12,000	12,000	12,000
20-1-9-00-25-110 Insurance Liability	169,603	176,830	176,800
20-1-9-00-25-160 Audit	25,000	24,990	26,200
20-1-9-00-25-180 Financial Consulting	15,000	15,000	26,300
20-1-9-00-25-300 ERWSD Admin. & Acct - Ops Agreement	7,519,881	9,262,030	8,732,800
20-1-9-00-25-301 ERWSD Life Cycle - Ops Agreement	338,617	338,620	603,600
Finance Total	8,360,257	10,124,860	9,757,700
Ops Tech			
20-1-9-00-15-400 ADWF Electrical and Controls Equipment	45,000	45,000	5,000
20-1-9-00-15-408 MCC Maintenance & Cleaning	45,000	45,000	45,000
20-1-9-00-15-409 OTS Support Services	10,000	10,000	7,000
Ops Tech Total	100,000	100,000	57,000
People Ops			
20-1-2-00-00-325 CRP-Safety/Security			30,000
People Ops Total			30,000
Utility Services			
20-1-9-00-35-320 Meter Replacement/Equip Parts	500,000	500,000	500,000
20-1-9-00-35-321 Contracted Services	20,000	20,000	20,000
Utility Services Total	520,000	520,000	520,000
Water			
20-1-9-00-15-120 ADWF Chemicals - Treatment	306,100	386,100	350,000
20-1-9-00-15-140 ADWF - Custodial Services	-	-	15,600
20-1-9-00-15-200 UERWA Electricity - Treatment Facilities	485,800	497,100	512,000
20-1-9-00-15-350 Natural Gas	62,400	41,170	62,400
20-1-9-00-15-401 ADWF Electrical and Controls Equipment	-	-	20,000
20-1-9-00-15-411 Laboratory Services	32,500	32,500	39,100
20-1-9-00-15-450 Water Storage Tank Electrical and Controls Equipment	-	-	10,000
20-1-9-00-15-500 ADWF Repairs - Equipment	55,000	55,000	55,000
20-1-9-00-15-510 ADWF Repairs - Building/Grounds	75,000	75,000	55,000
20-1-9-00-15-570 ADWF Sewer	52,300	62,930	62,900
20-1-9-00-15-575 UERWA TOC Supplies	36,800	36,800	36,800
20-1-9-00-15-580 Licensing & State Fees	8,500	8,500	7,500
20-1-9-00-15-600 Lab Supplies/Chemicals/Reagents	33,100	36,990	30,400
20-1-9-00-15-680 ADWF - Trash Service	-	-	4,500
20-1-9-00-15-780 Water Tank Cleaning	25,000	25,000	37,500
20-1-9-00-15-781 Water Storage Tank Repairs	50,000	20,920	50,000
20-1-9-00-16-120 EDWF Chemicals - Treatment	52,000	52,000	57,200
20-1-9-00-16-140 EDWF - Custodial Services	-	-	3,600
20-1-9-00-16-400 ADWF Electrical and Controls Equipment	-	-	10,000
20-1-9-00-16-500 EDWF Repairs - Equipment	40,000	45,440	40,000
20-1-9-00-16-510 EDWF Repairs - Building & Grounds	70,500	125,770	30,000
20-1-9-00-16-570 EDWF Sewer	45,000	45,000	47,300
20-1-9-00-17-120 LZ Wells Chemicals - Treatment	15,200	15,200	16,000
20-1-9-00-17-400 LZ Wells Electrical and Controls Equipment	-	-	5,000

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Type/Department	2024 Budget	2024 Poj.	2025 Proposed
20-1-9-00-17-500 LZ Wells Repairs - Equipment	20,000	20,000	25,000
20-1-9-00-17-505 LZ Wells Buildings & Grounds	10,000	5,190	10,000
20-1-9-00-17-570 LZ Wells Sewer	5,400	5,400	5,400
20-1-9-00-25-010 Engineering	10,000	5,000	15,000
Water Total	1,490,600	1,597,010	1,613,200
Water Conservation			
20-1-9-00-85-150 Consulting - Water Conservation	20,000	25,000	34,000
20-1-9-00-85-777 Water Conservation Program Rebates	100,000	100,000	25,000
20-1-9-00-85-778 Water Conservation Program	20,000	20,000	15,000
Water Conservation Total	140,000	145,000	74,000
Debt Service	2,871,560	3,879,610	4,680,800
Finance			
20-1-5-00-00-052 C/P 2020 Revenue Refunding Bonds		-	615,000
20-1-5-00-00-054 C/P 2024 Bonds		-	360,000
20-1-5-00-00-067 C/P 2013A Water Bonds	180,000	180,000	195,000
20-1-5-00-00-069 C/P 2020 Revenue Bonds	250,000	250,000	310,000
20-1-5-00-00-087 C/P Eagle Park Loan	116,324	116,320	122,700
20-1-9-00-25-230 Bond Interest Expense	2,094,236	3,019,760	3,076,600
20-1-9-00-25-240 Paying Agent Fees	1,500	1,500	1,500
20-1-9-00-25-245 Issue cost Bond Expense	229,500	312,030	-
Finance Total	2,871,560	3,879,610	4,680,800
CRP	1,359,287	1,050,980	835,000
Field Ops			
20-1-2-00-00-244 CRP-Pump Station Industrial Painting	65,000	-	75,000
20-1-2-00-00-999 CRP-Distribution System Capital Replacement Prog.	235,000	53,810	150,000
Field Ops Total	300,000	53,810	225,000
IT			
20-1-2-00-00-024 CRP-OT Network Upgrade/Improvements	20,000	20,000	-
IT Total	20,000	20,000	-
Ops Tech			
20-1-2-00-47-100 OTS Equipment Inventory	10,000	10,000	-
Ops Tech Total	10,000	10,000	-
People Ops			
20-1-2-00-00-325 CRP-Safety/Security	7,500	7,500	10,000
People Ops Total	7,500	7,500	10,000
Water			
20-1-2-00-00-043 CRP-Water Storage Tank Improvements	250,000	250,000	150,000
20-1-2-00-00-044 CRP-ADWF Domestic Lift Station Rehab	101,484	64,670	-
20-1-2-00-00-045 CRP-ADWF Bathroom/Kitchen Remodel	145,303	120,000	-
20-1-2-00-00-260 CRP-UERWA Analyzer Replacement Allowance	100,000	100,000	50,000
20-1-2-00-00-375 CRP-ADWF Plant Repairs	100,000	100,000	75,000
20-1-2-00-00-376 CRP-EDWF Plant Repairs	200,000	200,000	250,000
20-1-2-00-00-377 CRP-Wells/Misc Repairs	125,000	125,000	75,000
Water Total	1,021,787	959,670	600,000
Capital	1,621,665	691,820	1,244,500

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Type/Department	2024 Budget	2024 Poj.	2025 Proposed
Field Ops			
20-1-2-00-00-323 CRP- Valve Replacement Program			100,000
Field Ops Total		-	100,000
Finance			
20-1-2-00-00-900 CRP-Capitalized Construction Management	623,150	623,150	834,500
Finance Total	623,150	623,150	834,500
Water			
20-1-2-00-00-045 CRP-ADWF Bathroom/Kitchen Remodel			135,000
20-1-2-00-00-133 Water Treatment Master Plan	190,364	-	-
20-1-2-00-00-135 Water System Emergency Power	193,951	50,000	-
20-1-2-00-00-140 ADWF Membrane Roof Replacement		18,670	-
20-1-2-00-30-300 Cordillera East1 (Teacup) Tank Expansion	614,200	-	-
20-1-2-00-30-303 EDWF Treatment Improvements		-	175,000
Water Total	998,515	68,670	310,000
Bond Project	12,215,444	6,892,020	3,171,300
Engineering			
20-1-2-00-00-136 Bolts Lake Reservoir	1,729,952	1,729,950	1,271,300
Engineering Total	1,729,952	1,729,950	1,271,300
Field Ops			
20-1-2-00-00-014 CRP- Wildridge BPS and PRV Improvements	4,607,385	1,900,000	1,250,000
20-1-2-00-00-138 CRP-Arrowhead Transmission Main Rehab	2,514,518	1,745,700	500,000
20-1-2-00-20-101 Beaver Creek BPS 1,2, & 3 Rehabilitation	1,252,917	250,000	-
Field Ops Total	8,374,820	3,895,700	1,750,000
Ops Tech			
20-1-2-00-00-019 CRP-Upgrade PLC 6 @ ADWF-Master PLC	296,139	178,480	-
Ops Tech Total	296,139	178,480	-
Water			
20-1-2-00-00-039 CRP-Fenno Well House/Raw Wtr Conveyance	300,000	75,380	-
20-1-2-00-00-141 ADWF Electric Service Improvements	150,000	75,000	150,000
20-1-2-00-30-301 Cordillera West Tank 1 Rehabilitation	1,364,533	937,510	-
Water Total	1,814,533	1,087,890	150,000
Grand Total	30,229,302	26,911,500	23,898,600



EAGLE RIVER COALITION

Protecting Our Local Watersheds

**Eagle River Water & Sanitation District
Upper Eagle Regional Water Authority
846 Forest Road
Vail, CO 81657-5705**

September 5, 2024

Dear Mr. Cleveland and Mr. Gregory,

The District and Authority are consistent and generous supporters of Eagle River Coalition's mission to advocate for the health of the Eagle River Watershed and our board and staff are incredibly grateful. Through this partnership, the Eagle River Coalition consistently delivers water quality programming, expands restoration and education efforts, and ensures that our-aligned missions protect our rivers and work in tandem.

In the last year ERWSD/UERWA funding enabled Eagle River Coalition to:

- Complete the Eagle River Community Water Plan and apply for additional funding from CWCB to prepare projects for implementation.
- Develop the Eagle River Fund. This mechanism ensures a long-term funding opportunity is available for local organizations to utilize for prioritized projects.
- Advocate for policies and projects through participation in the Colorado Basin Roundtable, local land use authorities, and Wild & Scenic Designation groups.
- Expand the Beyond Lawn Program, which is reducing outdoor water use in Eagle County and bringing visibility to ERWSD's efficiency efforts throughout the community.
- Educate our community on critical topics, including, but not limited to; water law, the legacy of the Eagle Mine, outdoor water use, and best practices regarding stormwater.

The Eagle River Coalition is hopeful that we can count on the District and Authority to collaborate to protect our local watershed and secure a vibrant future for our community. As such, the Coalition respectfully requests the continued support of \$25,000 from both the District and Authority, for a total of \$50,000 to sustain the longstanding Water Quality Monitoring & Assessment Program. Additionally, we respectfully request the continued support of \$25,000 from both the District and Authority, for a total of \$50,000, for general operations of Eagle River Coalition. Our board and staff values accountability and collaboration, and with your support, we will accomplish what is outlined on the following page. Please reach out to me directly with any questions at dilzell@eagleriverco.org or 970.827.5406.

James Dilzell, Executive Director

Continue and expand the Water Quality Monitoring & Assessment Program

Requesting \$25,000 from ERWSD and \$25,000 from UERWA

This longstanding effort maintains the robust, collaborative database of information that guides Eagle River Coalition and other entities in the development of project priorities, identifies threats as they emerge, and ensures that data collection efforts are not duplicated. Funding supports the coordination of data collectors, data analysis, annual reporting to stakeholders and the community, a shared database, and regular publishing of an interactive online report card offering a graphical interpretation of the data.

The overall budget for WQMAP allows for the flexibility to direct funds towards specific water quality-related issues that are unanticipated each year, may require a shorter investigative timeline, or have specific equipment needs.

Support for WQMAP in 2025 is anticipated from US Geological Survey, Eagle County, Homestake Partners, Climax Mine, Vail Resorts Management Company, the Towns of Gypsum, Eagle, Avon, Minturn and Vail, as well as the Colorado River Water Conservation District.

Projects we will catalyze:

- Launch of the updated and more user-friendly report card
- Additional temperature macroinvertebrate monitoring
- Conductivity monitoring and analyses on Black Gore Creek

Advocate for the health of the Eagle River Watershed through general support

Requesting \$25,000 from ERWSD and \$25,000 from UERWA

Unrestricted funds play a vital role in supporting the Coalition's mission by enabling us to address gaps in programs and projects that benefit both our organization and our community. These funds are critical for the implementation of essential programming, expansion of our marketing and educational outreach throughout our watershed, and for our staff to have the resources they need to succeed.

This funding from ERWSD and UERWA is leveraged in requests to individuals, businesses, foundations and other government entities as it demonstrates that our work is critical, valid and worthy of their financial support. General administration support also comes from private foundations, Eagle County, Town of Avon, event proceeds, local businesses, individuals, and the Land & Rivers Fund.

Projects & Programs we will catalyze:

- High-temperature mitigation strategies, including flow management and riparian restoration.
- Specialized stormwater education programming throughout the watershed.
- Camp Hale Restoration to support downstream health on the Eagle River.



BOARD COMMITTEES

DISTRICT

<i>Audit/Budget</i>	Dick Cleveland Steve Coyer *Sarah Smith Hymes
<i>Employee Housing</i>	Steve Coyer Rick Pylman *Robert Warner, Jr.
<i>Retirement Plans</i>	Robert Warner, Jr. Siri Roman David Norris *Dick Cleveland
<i>Organizational Development</i>	Robert Warner, Jr. Dick Cleveland *Timm Paxson
<i>Water Quality</i>	Sarah Smith Hymes Timm Paxson *Steve Coyer

AUTHORITY

<i>Audit/Budget</i>	Geoff Dreyer George Gregory *Joanna Kerwin
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JOINT

<i>Rules and Regulations</i>	Kim Bell Williams (A) Robert Warner, Jr. (D) *George Gregory (A) *Rick Pylman (D)
<i>Water Conservation</i>	Kevin Hillgren (A) Tamra Underwood (A) Kate Burchenal (D) Steve Coyer (D) *Geoff Dreyer (A) *Sarah Smith Hymes (D)

(A) = Authority, (D) = District

**Backup committee member
(serves in the absence of a primary member)*



2024 UERWA CONTRACT LOG

Contract No.	Date Executed	Project Name	Contractor	Contract Amt.	Project Mgr.	Account No.	Total Amount per Account	Contract Type	Status / Description	District Total	Authority Total
24.20.018	08/22/24	Fenno Well House Staircase	Pradell Builders Inc.	\$28,024.20	D. Duerr	20.1.2.00.00.039	\$28,024.20	Construction Contract	Fabrication and installation of new staircase from road down to Fenno Well House.		
24.20.019	09/13/24	UERWA Generator Maintenance	Fleet Core Inc	\$32,000.00	S. Swartwout	20.19.00.15.500 20.19.00.16.500 20.19.00.17.500	\$18,000.00 \$8,000.00 \$6,000.00	Services Agreement	Annual service (fuel testing, preventative maintenance, load bank testing) of all Authority backup generators.		
24.15.072	08/23/24	Miscellaneous Concrete Repairs	Allied Ps LLC	\$75,000.00	J. Letourneaux	10.1.9.10.80.105 10.3.9.20.20.520 10.3.9.10.20.520 20.1.9.00.35.500	\$25,000.00 \$20,000.00 \$15,000.00 \$15,000.00	Services Agreement	Various concrete repairs for housing and for distribution and collection.	\$60,000.00	\$15,000.00
24.20.020	Pending	Edwards DWF - Clearwell Vent Installation	Velocity Plant Services, LLC	\$45,000.00	M. Harris	20.1.2.00.00.376	\$45,000.00	Construction Contract	Installation of two 12" vents into clearwell.		
24.20.021	Pending	Cordillera West Tank 1 Rehabilitation	S&S Coating Services	\$20,400.00	K. Nelson	20.1.2.00.30.301	\$20,400.00	Services Agreement	Coating inspections and environmental readings at various hold-points. Final inspection of all coating systems including DFT readings and holiday testing for interior and exterior coating.		
24.15.081	Pending	Bolts Lake Redevelopment Design Services	AECOM Technical Services, Inc.	\$676,000.00	J. Hildreth	10.3.2.20.09.136 20.1.2.00.00.136	\$169,000.00 \$507,000.00	Design Services Agreement	Complete 30% design documents for the Bolts Lake Redevelopment project including appurtenant features to be included in the NEPA Environmental Assessment application.	\$169,000.00	\$507,000.00



MEMORANDUM

TO: Boards of Directors
FROM: Siri Roman, General Manager
DATE: September 18, 2024
RE: General Manager Report

Colorado Water Congress

I was recently selected to join the [Colorado Water Congress](#) (CWC) board of directors. The CWC is governed by a 32-member Board that is organized into three divisions: geographic (by watershed); local government, business, and tribal; and professional interests. I will represent the Upper Colorado River Basin (above the confluence of Colorado and Roaring Fork Rivers).

This geographic seat was created in 2013 when the CWC board chose to split the Colorado Basin seat into two – to represent the upper and lower basin. Former District GM Linn Brooks was invited to fill the new seat at that time and has served since May 2013. Upon Linn's notice to resign from the board, the CWC advertised the vacancy for applicants who live in the Upper Colorado Basin Watershed.

Understanding the importance of the District and Authority maintaining this seat, I submitted a robust application with letters of support from the Colorado River District, Eagle County, and the towns of Avon and Vail.

Serving on the CWC and having the opportunity to collaborate and connect with water professionals across the state is important as we continue to work on challenging water quality, water supply, development/growth, affordable housing, resiliency, emergency preparedness, and water affordability issues.

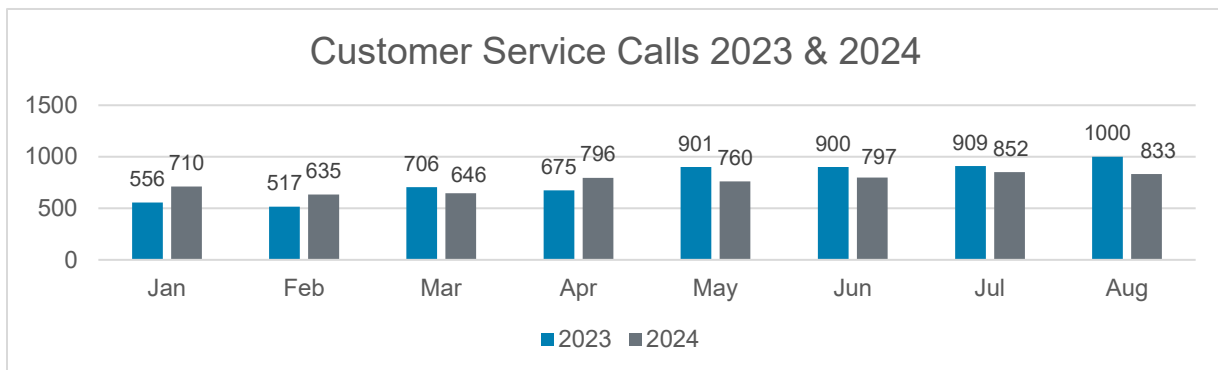


MEMORANDUM

TO: Boards of Directors
FROM: Allison Ebbets, Water Conservation Manager
DATE: 9/19/2024
RE: Water Conservation Department Update

Water Conservation staff are actively supporting the District's water conservation goals. A key focus this spring and summer has been communicating about water conservation with customers, through customer service calls and water conservation concierge services. The water conservation data analyst team is monitoring water use changes to help determine whether customers are using water differently. This update provides a status of calls, site visits, and conservation based on preliminary data analyses.

The customer service team has implemented several meaningful process improvements resulting in overall reduced call volume and a better customer service experience. The chart below illustrates overall call volume by month in 2023 and 2024, through August. The Customer Service team responded to a total of 6,164 calls January-August 2023, and 6,029 for the same period in 2024. Staff attributes the reduced call volume to process improvements, including sending electronic communication to customers who miss a payment or with unusually high use in a month and to the District's extensive communication to customers affected by the 2024 rate redesign. Additional process improvements are ongoing. A wider range of metrics will be evaluated and included in a future report.



The Water Conservation Department staff began conducting irrigation evaluations in 2024 to support customers in reducing outdoor water use. The evaluations have been very popular both as stand-alone site visits and in coordination with landscape transformation rebate site visits. The table below shows the site visit activity as of 9/18/2024. Rebate applications are in-progress at this time, with 9 applications approved as of mid-September and more coming. Rebate details will be provided in a future update at the end of the field season along with a more comprehensive analysis of the total program work performed.

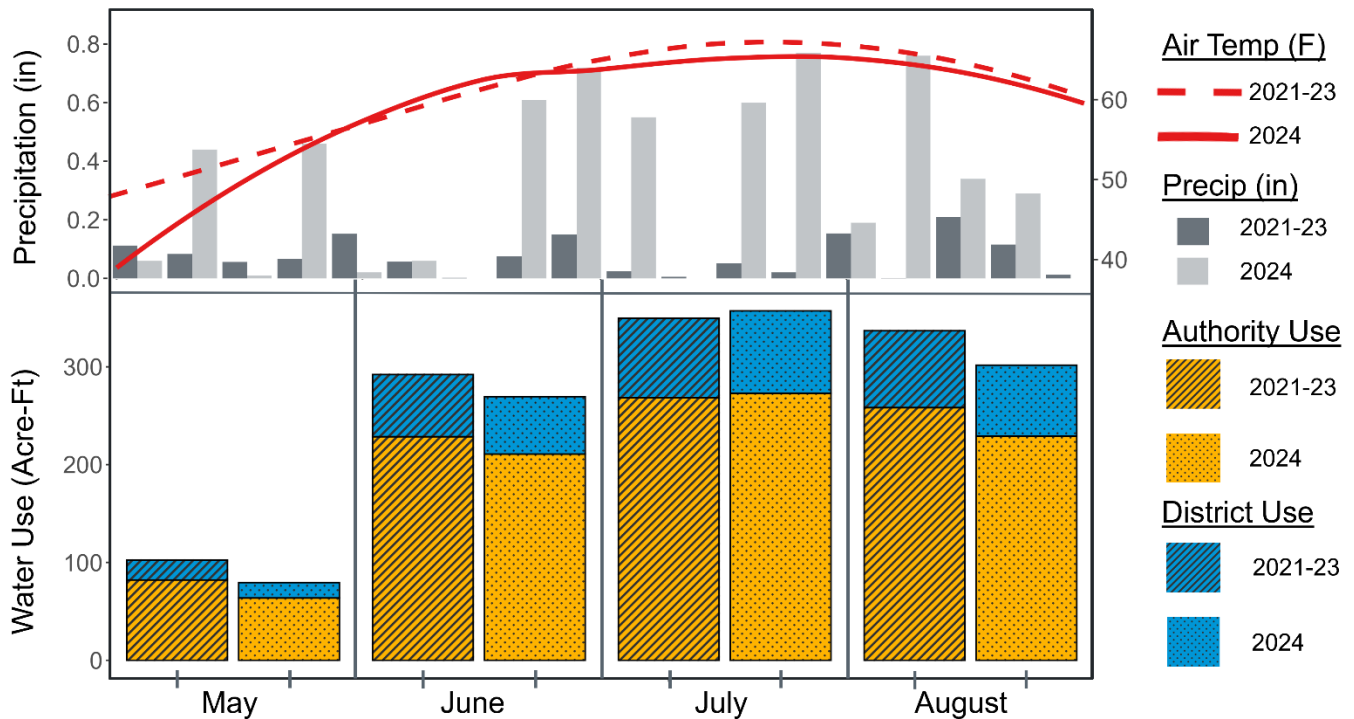
Type of Site Visit	Number
Irrigation Evaluation	38
Rebate Pre-Work Visit	31
Rebate follow-up Visit	20
Total Visits	89

The District set a goal to conserve 400 acre feet of water by 2026, aimed primarily at reducing water use outdoors. The water conservation data staff have completed a preliminary evaluation of summer water use in 2024 compared with the average use from 2021-2023, for individually metered residential customers. The figure below includes a summary of monthly water use, weekly precipitation, and weekly air temperature measurements for the two time periods.

When normalizing for temperature and precipitation May through August, the total reduction in water use by individually metered customers was 73 acre feet (12 AF District; 61 AF Authority) in 2024 compared with the 2021-2023 average. The data shows that 2024 has been a very wet year, with approximately 50% more rainfall than the 2021-2023 average. However, the pattern of use shows that customers used more water in July 2024 compared to previous years, even with significant rainfall and lower temperatures beginning in late June.

To reach our conservation goal, we need customers to increase conservation more and maintain those savings during hot and dry years. The water conservation data team will continue to evaluate water use and present more comprehensive and sophisticated analyses of how water use is changing in future updates.

Summer Weather Conditions and Water Use – RE Accounts



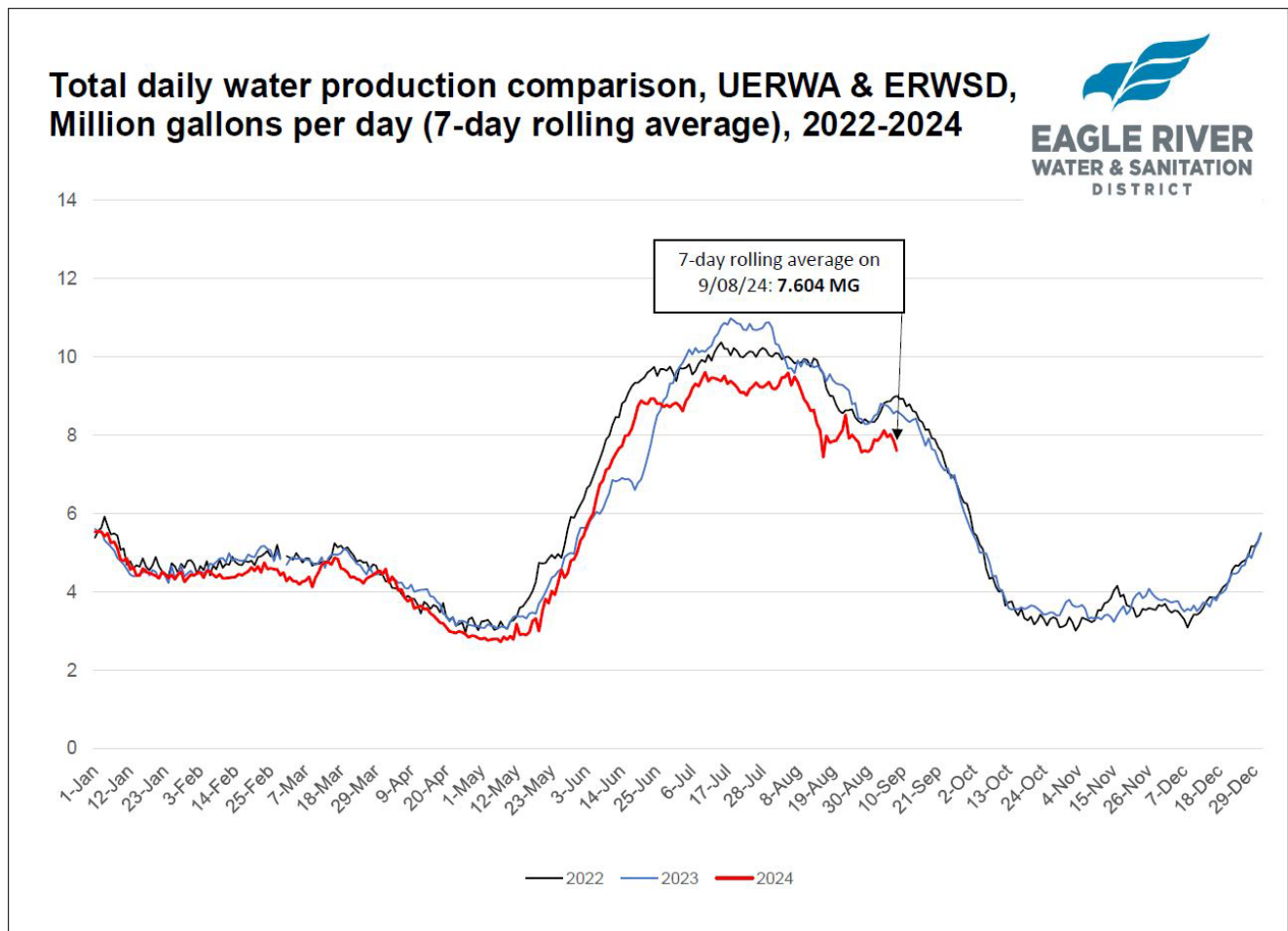


OPERATIONS MONTHLY REPORT SEPTEMBER 2024

WATER

Kailey Rosema

The system-wide water production is normal. The cumulative year-to-date water production is 6% lower compared to this time last year.



The Water Department is wrapping up a busy irrigation season and is preparing for the various maintenance and capital projects scheduled for this fall. Cordillera West Tank #1 will be taken offline for six weeks beginning Sep. 16 for interior rehabilitation and structural repair. The Edwards Drinking Water Facility will be taken offline from late September through October for upgrades to the disinfection clearwell and the membrane filtration Clean-In-Place (CIP) system.

Clean Water. Quality Life.™

Comprehensive water storage tank inspections are underway. Nineteen tanks will be inspected this year. A comprehensive inspection is a thorough condition assessment and cleaning of the tank interior. Colorado Regulation 11 requires water storage tanks to undergo a comprehensive inspection a minimum of once every five years. The District maintains a three-year inspection cycle for all 52 storage tanks and finished water clearwells.

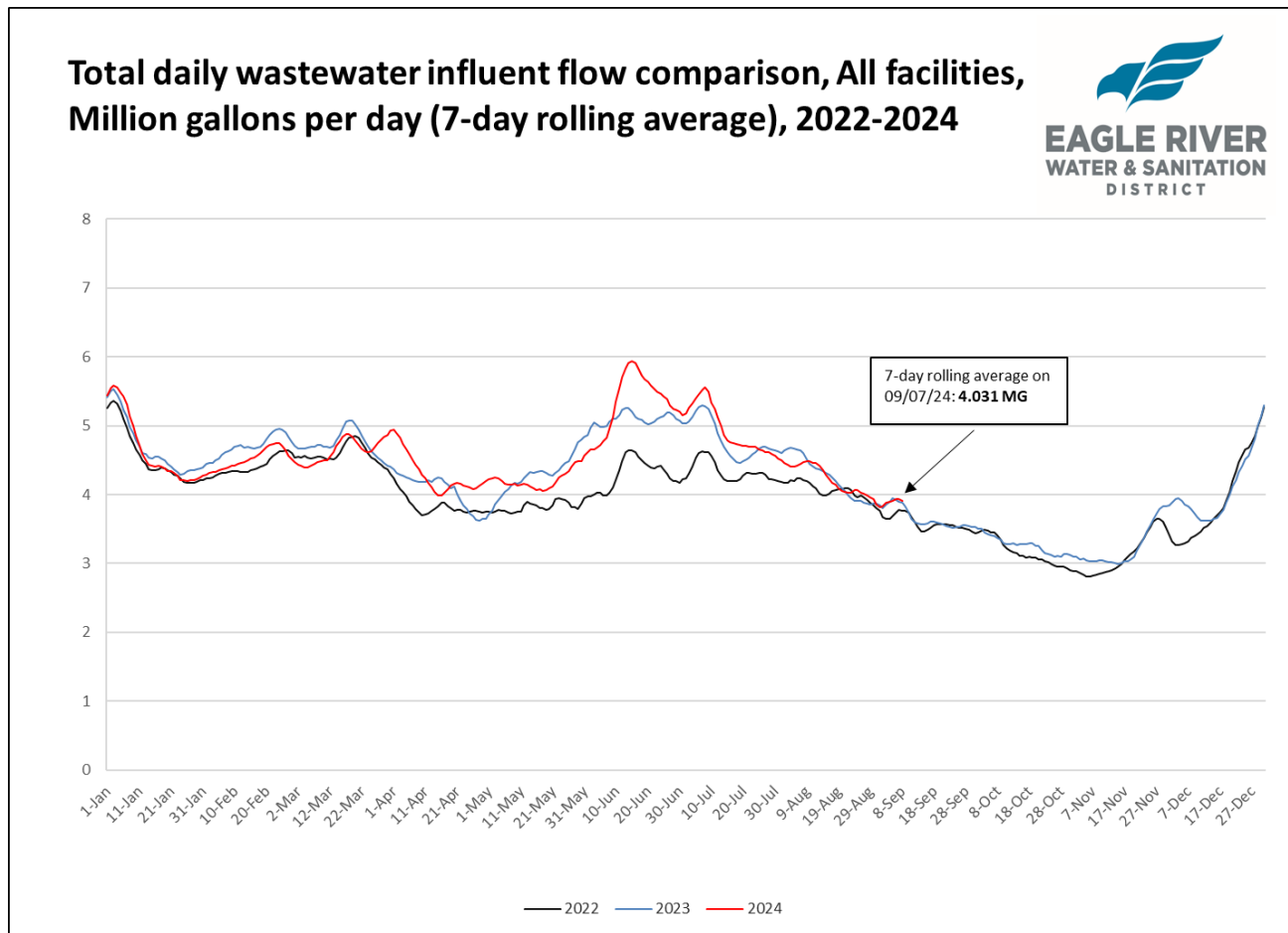
The annual Lead and Copper Rule (LCR) sampling has been completed. Samples were collected at 30 sites. The sample results are well below the regulatory action levels.

The Colorado Division of Water Resources performed the annual dam safety inspection at Black Lake No. 1 on Jul. 17. No major deficiencies were noted. The inspector commented “Black Lake No. 1 dam appears to be in stable condition with no dam safety concerns. Diligent oversight and care is observed for this structure.”

WASTEWATER

Chris Giesting

The system-wide wastewater influent flow is normal for this time of year.



LABORATORY & WATER QUALITY

Leah Cribari

The annual September water quality sampling event occurred Sep. 3 and 4. Water chemistry, flow, and macroinvertebrate samples were collected at 27 sites in Eagle River, Gore Creek, Black Gore Creek, and Red Sandstone Creek. The overarching goal of the comprehensive September sampling program is to gather water quality and streamflow data to support day-to-day operations and inform regulatory compliance programs and strategies.



Flow measurement and water sampling during September water quality sampling event

The results of the 2023 macroinvertebrate sampling program were received. The findings are comparable to previous years. A summary memo is provided in the board packet.

FIELD OPERATIONS

Niko Nemcanin

On Aug. 13, Field Operations staff repaired a water service leak at the District's Stillwater employee housing complex. The source of the leak was several holes in the service caused by an improperly installed connection to the curbstop shutoff valve. The damaged pipe was removed and replaced.



Stillwater water service repair (pipe damage left; repaired service pipe right)

On Aug. 26, Field Operations staff repaired a water service near the end of Main Gore Dr. in East Vail. The source of the leak was a hole in the copper service at a bend that was made improperly during the original installation. The damaged service was removed and replaced.



Main Gore Drive water service repair (pipe damage left; service line replacement middle, completed repair right)

On Sep. 3, Field Operations staff repaired a water service leak near the Vail Racquet Club in East Vail. The source of the leak was a hole in the service pipe near the connection to the corporation stop valve at the mainline tap. The damaged pipe and old corporation stop valve were removed and replaced.



East Vail water service repair (pipe damage left; service repair in-progress right)

In early September, Field Operations staff removed an abandoned water sampling station near Larkspur Ln. in West Vail. The sampling station was no longer active, and it had been repeatedly damaged during winter snowplowing activities. As part of the planned abandonment work, a curb box and riser serving a nearby residence were lowered to prevent future damage.



Sample station damaged during snowplowing

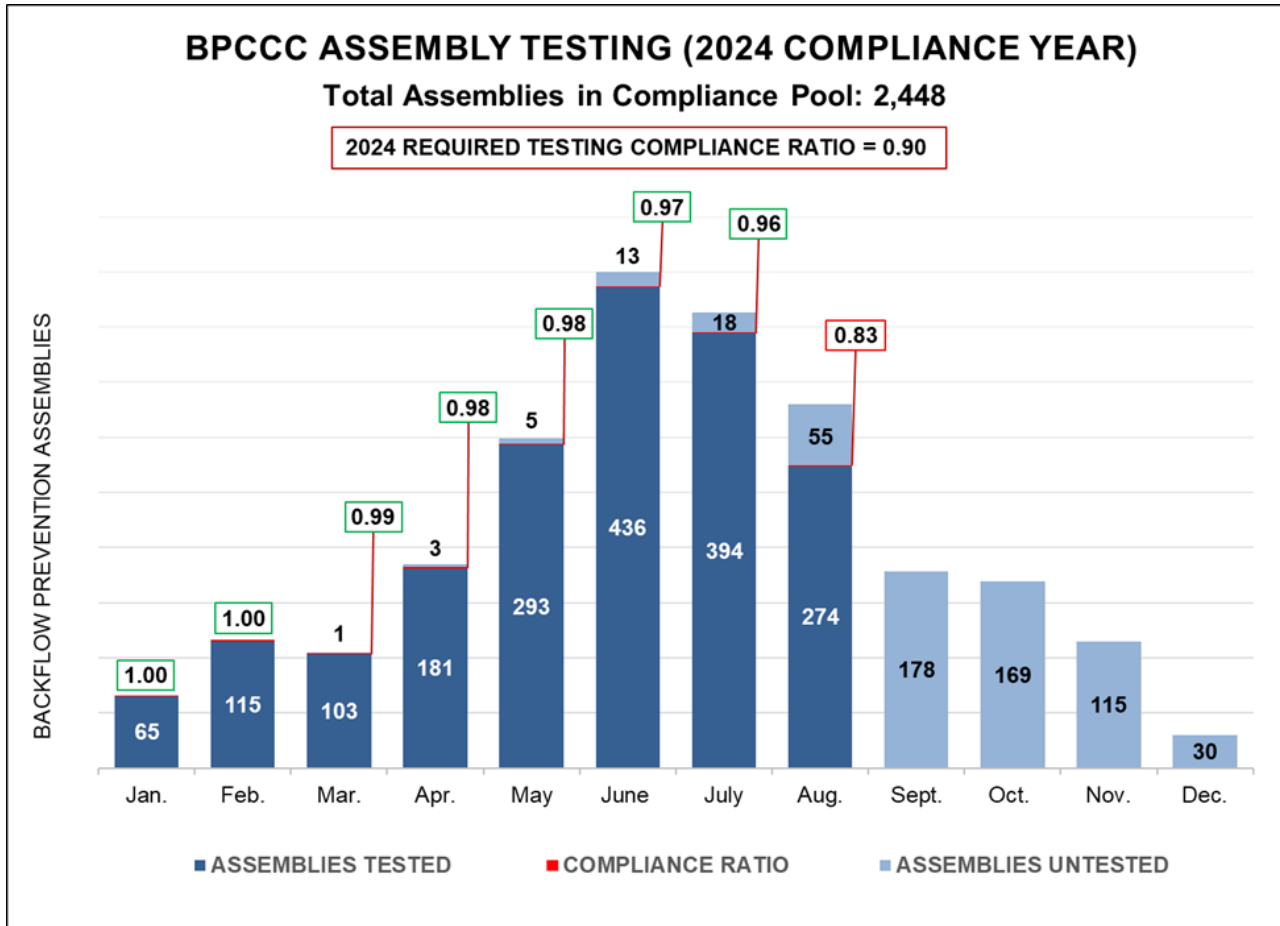
West Vail water sample station abandonment (damaged station left; completed abandonment right)

UTILITY SERVICES

Shane Swartwout

BPCCC Program

The District's certified BPCCC testers began testing irrigation assemblies that remained untested after the District's Jul. 31 deadline. Only 21 of the 774 total irrigation assemblies remain untested. A fine of \$500 per month is being assessed to non-compliant accounts for each untested irrigation assembly. A BPCCC program compliance update is provided below.



Fats, Oils, and Grease (FOG) Program

On Aug. 27, District staff met with the Beaver Creek Merchants Association and 24 representatives from local restaurants. During the meeting, District staff delivered a comprehensive presentation on the District's FOG program, addressed questions, and distributed informational brochures and best management practice posters. The team also enrolled account managers into the District's FOG tracking software.

Meter Services

The Meter Services team is currently prioritizing the replacement of non-AMI meters that are 1.5” and larger. An AMI progress report is provided below.

Report Date:	9/12/2024		
AMI SYSTEM STATUS	ERWSD	UERWA	TOTAL
(1) Total No. of Meters	3207	6903	10110
(2) No. of AMI Meters	3207	6527	9734
(3) System Percentage of AMI Meters	100%	95%	97%
Meters Remaining to Reach 100% AMI	0	376	376
<i>Advanced Metering Infrastructure (AMI) Status (Updated 9-12-2024)</i>			

Fleet and Facilities

The Fleet and Facilities team partnered with a specialized contractor to complete annual fuel testing and preventive maintenance on the District’s 14 emergency backup power generators. Load bank testing and corrective maintenance is scheduled for late September. These essential maintenance and testing services ensure that the generators will perform reliably during emergency power outages.

CAPITAL IMPROVEMENT PROGRAM (CIP)

Jeff Schneider

WATER PROJECTS

Cordillera West 1 Water Storage Tank Rehabilitation

Kevin Nelson

General Project Scope: The Cordillera West 1 Water Storage Tank is a 400,000-gallon, above-ground, steel tank. The project scope involves sandblasting and recoating the tank surfaces, installing a cathodic protection system, and various improvements to the vent, hatch, and overflow/drain systems.

Project Update: The project was awarded Aug. 13. The tank is scheduled to be taken offline on Sep. 16 and will remain out of service through late October. The project team has been extensively developing and testing an interim operating plan to ensure safe and uninterrupted service to customers while the tank is offline.

Arrowhead Transmission Main

Mark Mantua

General Project Scope: This project includes replacement of approximately 2,200 linear feet of 16-inch diameter water main from the base of Arrowhead Mountain to Arrowhead Tank 1. The existing

pipe is badly corroded. The project also includes installation of a new valve control vault that will help optimize tank filling and balance tank levels in the low-pressure zone.

Project Update: Approximately 500 feet of watermain, was disinfected, pressure-tested, and successfully commissioned. An additional 1,000 feet of watermain is expected to be commissioned in late September. The project was originally expected to be completed in 2024, but the schedule has been delayed due to a combination of unexpected permitting, procurement, and site condition challenges. The team is currently negotiating a contract extension that includes a revised 2025 completion schedule.

Avon Drinking Water Facility (ADWF) PLC Upgrades

Jenna Beirsto

General Project Scope: This project includes replacement of the programmable logic controllers (PLCs) at ADWF. Additionally, a new server room will be constructed within the facility. All existing programming and PLC logic will be reverse-engineered and updated to meet current District standards.

Project Update: The project team is continuing its efforts to resolve a design-related error pertaining to an undersized HVAC cooling system for the new server room. The work to install a temporary cooling solution is ongoing and nearing completion. The temporary duct and electrical work have been completed and cooled air is now flowing into the server room. The last remaining portion of temporary work to tie in the new dampers to the fire suppression system is scheduled for the week of Sep. 25. The design for the permanent solution is being finalized, and the two new HVAC units for the room have been ordered.



New ductwork routed from an existing HVAC unit (to temporarily cool the server room)

Wildridge BPS, PRV, and Tank Improvements

Carter Keller

General Project Scope: This project addresses high priority recommendations from the 2020 Distribution System Master Plan and involves improvements to the pumping, storage, and pressure regulating facilities in the Wildridge service area. The scope includes mechanical, electrical, structural, architectural, and electrical improvements at multiple sites, including installation of an on-site emergency generator at Wildridge Booster Pump Station (BPS) 1.

Project Update: The team is currently focused on developing a bypass pumping plan that will be implemented when BPS 1 is taken offline for approximately six weeks, beginning in October. A functional test of the bypass pumping equipment is scheduled for Sep. 16. In addition, the concrete pump hatch risers are currently being poured at Wildridge BPS 2 and the team is continuing to work with the Town of Avon to obtain Right of Way permits.

WASTEWATER PROJECTS

Vail Wastewater Treatment Facility (VWW) Master Plan Improvements

Mark Mantua

General Project Scope: A condition assessment of the VWW was conducted as part of the 2017 wastewater masterplan. The assessment identified several critical upgrades that are required to keep the facility in reliable and operable condition. The scope of this project includes installation of a new, larger diesel generator, structural repairs in the aeration basin, equalization, and clarifier rooms, replacement of the aging ultraviolet (UV) system, and construction and installation of an external facility bypass.

Project Update: Major invasive and demolition work within the facility has been temporarily halted until asbestos mitigation work can be completed. The team has contracted with an environmental contractor to mitigate asbestos and remediation activities are scheduled to begin the week of Sept. 23. The new emergency power generator was installed and the automatic transfer switch was successfully tested. The generator is expected to be fully functional by the end of October.

Edwards Wastewater Treatment Facility (EWW) Nutrient UpgradeJenna Beairsto
Madeleine Harris

General Project Scope: The EWW must be upgraded to meet Regulation 85 nutrient limits for final total inorganic nitrogen (TIN) and total phosphorus (TP). Expected improvements include renovation of the preliminary treatment equipment, primary bypass improvements, aeration basin modifications and expansion, blower replacements, chemical feed and storage improvements, return and waste activated sludge (RAS/WAS) pump replacements, centrate storage improvements, and HVAC and electrical upgrades. This project will also resolve existing hydraulic process constraints and address condition assessment needs identified in the Wastewater Master Plan. The project must be completed by the CDPHE compliance deadline of Jan. 1, 2029.

Project Update: Preliminary design is underway and the 30% design deliverable is scheduled to be complete in late October. The draft preliminary design report is being revised to address District and contractor feedback prior to submitting the CDPHE permit application package. A formal partnering session between the Engineer, Owner, and Contractor is scheduled for Oct. 23. The 30% design review will occur in November and the contractor's cost estimate is expected to be submitted prior to the December holidays.

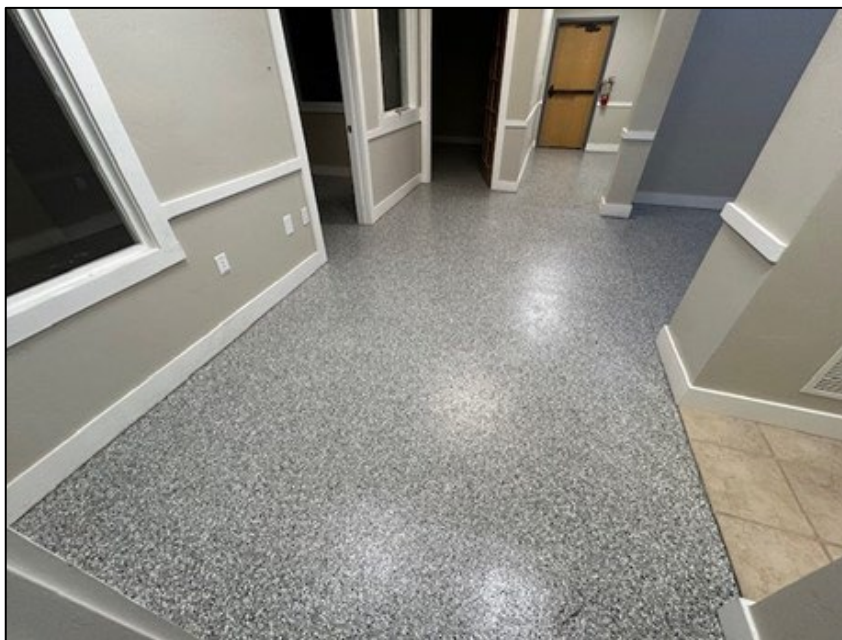
ADMINISTRATION PROJECTS

Eagle Vail Office (EVO) Improvements

Dan Duerr

General Project Scope: The project scope includes improvements to the roof, office space finishes, IT server room, and various mechanical, electrical, and plumbing (MEP) components, as well as the design and construction of a large conference room.

Project Update: The operation teams currently stationed at the Traer Creek office building are scheduled to move into EVO the week of Sep. 23. The new basement floor coatings have been installed and the IT Department established the data, internet, communication, and networking services. The final design plans were approved by the HOA and the building permit application for the first phase of the construction work was submitted to Eagle County. The first construction phase includes miscellaneous office improvements, sprinkler system upgrades, expanded fire-rated egress hallways from the elevator lobbies, and the required structural improvements and rough-in plumbing work needed to support a future conference room space on the upper level. The upstairs conference room will not be completed during the first construction phase, but the most invasive construction work will be completed in the lower levels in a deliberate attempt to minimize future disruption to office areas and staff.



Eagle Vail Office (EVO) basement epoxy floor installation



MEMORANDUM

TO: Boards of Directors
FROM: Leah Cribari, Laboratory and Regulatory Compliance Supervisor
DATE: September 20, 2024
RE: 2023 Macroinvertebrate Sampling Results

Each year, we provide a summary of macroinvertebrate sampling conducted at sites in the Eagle River, Black Gore Creek, Red Sandstone Creek, and Gore Creek. This sampling is important because the presence, diversity, and abundance of aquatic macroinvertebrates are indicators of water quality and stream health conditions, and results can impact wastewater treatment facility permits.

All sampling sites receive an attainment score, per Colorado Department of Public Health and Environment (CDPHE) regulations, that indicates whether the stream supports a healthy and balanced ecosystem. If the score meets the threshold, the stream is said to be “in attainment” of the desired water quality standard. We recently received sampling results for 2023. All sites along the Eagle River, Black Gore Creek, and Red Sandstone Creek were in attainment.

Gore Creek’s status is more complicated. There are multiple versions of the attainment metrics, known as Multimetric Index (MMI). CDPHE previously used MMI version 3 (V3). In 2023, all Gore Creek sites except Ford Park were in attainment using v3. However, CDPHE adopted a policy in 2020 that relies on MMI version 4 (V4). Scores differ between the two versions because V4 is overly sensitive to certain stressors, does not account for regional or seasonal variability, and relies on the proportion of sensitive insect taxa. Gore Creek continues to show gradual improvement in MMI scores under both V3 and V4. However, numerous sites along Gore Creek are failing under V4 due to new and sensitive taxa appearing at impaired study sites. As a result, Gore Creek will likely remain listed on the 303(d) list for aquatic life use impairment. Town of Vail (TOV) has devoted significant staff resources, programs, code amendments, education, and outreach to meet their goal of having Gore Creek delisted by 2029.

The differences in the characterization of Gore Creek illustrate the need to develop a new version of MMI that relies more on the presence or absence of sensitive taxa, and not the proportion of sensitive taxa. Due to concerns raised regarding the practical application of V4, CDPHE is forming a workgroup to develop MMI version 5. This is an opportunity for the District, TOV, and other stakeholders to participate in the development of a more accurate metric.

Siri Roman will be available at the Sept. 26 board meeting to answer questions. More details on 2023 sampling results, as well as comprehensive MMI scores from 2009-2023, are available upon request.



MEMORANDUM

TO: District and Authority Boards of Directors
FROM: Jason Cowles, P.E. and Justin Hildreth, P.E.
DATE: September 18, 2024
RE: Engineering & Water Resources Report

Development Report

An updated copy of the Development Report is attached. There are no additions to the report this month that affect the unallocated water projections for the Authority. In the District, demolition of the Timber Ridge Apartments is underway. We are working with the developer to update the water dedication requirements after the unit count for the project recently increased. We will present the water dedication for approval at the District's October meeting.

Bolts Lake Redevelopment Project Update

We have included a program management progress report from Black & Veatch in this month's packet. The intent of the report is to capture the status of recent program management activities, provide near-term program management schedule milestones planned over the next 6 months, and immediate priorities that the team will be focused on between Board meetings so that the Boards are well apprised of the project's status and progress. We are open to feedback from the Boards on the content of the progress report and can adjust as needed.

Water Shortage Response Plan

On August 28, Page Weil of LRE Water and Justin Hildreth presented on the Water Shortage Response Plan (WSRP) at the Town of Vail's "Lunch with Locals" event. LRE Water submitted a draft of the WSRP for review on September 18. We are currently reviewing and will present the final plan to the Boards for adoption at the December Board meetings.

Water Resources Tour

We are excited to host the Boards on the water resources tour on Monday, September 30. We will gather at the District offices in Vail at 8:00am before embarking on a bus graciously provided by the Town of Avon. The tour will include stops at Bolts Lake, Camp Hale, Eagle Park Reservoir, and Black Lakes. We will provide snacks, lunches, beverages, as well as hard hats and vests to comply with Climax Molybdenum safety requirements while at the Eagle Park Reservoir site. Please wear closed toe shoes and be sure to bring a hat, jacket, water bottle, and sunscreen. The tour will conclude at the Vail offices at approximately 2:30pm.

Attachments:

1. Authority Unallocated In-Basin Supply, September 2024
2. ERWSD and UERWA New Development Reports, September 2024

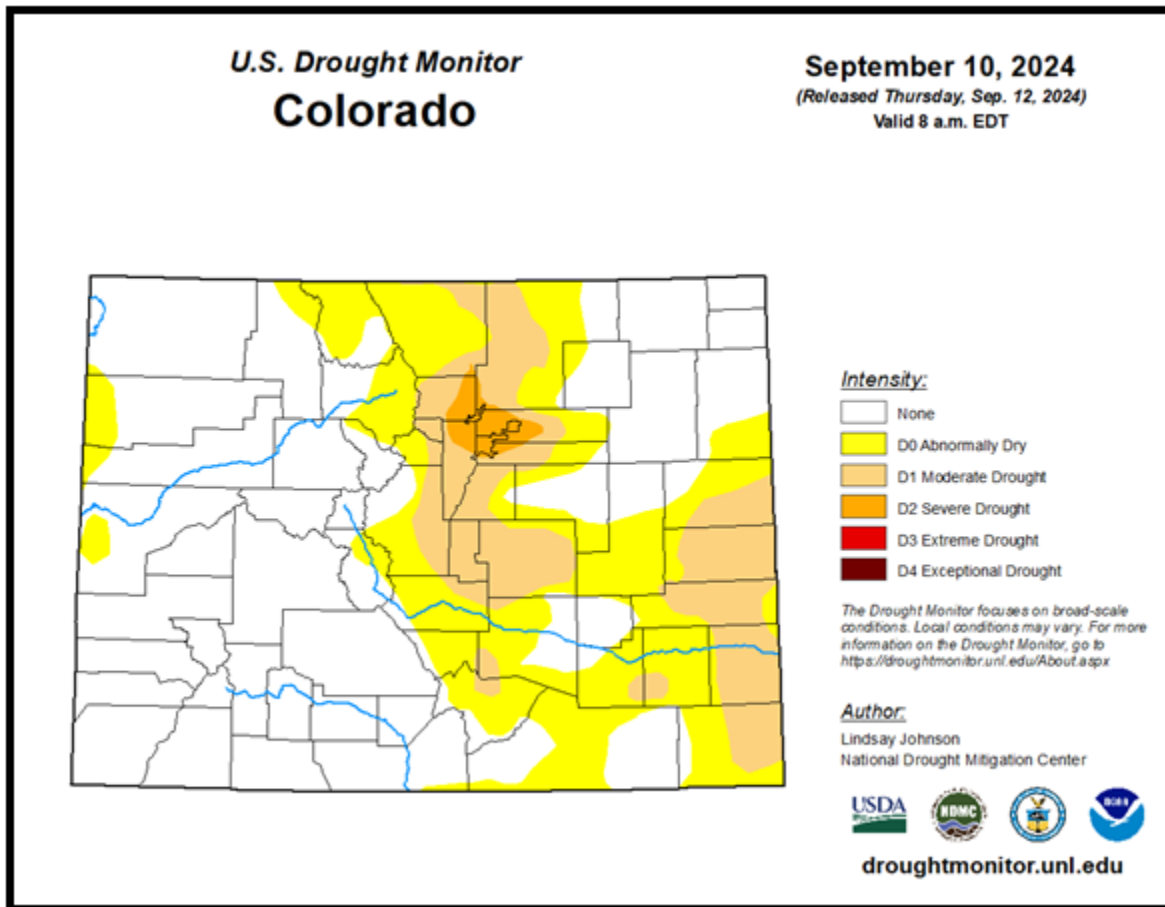
Water Resources Report

Justin Hildreth

Drought Conditions

On September 10, 2024, the U.S. Drought Monitor prepared by the National Drought Mitigation Center (NDMC) classified Eagle County as not experiencing drought conditions. The NDMC adjusted the drought classification for the northern front range from extreme drought to severe and moderate drought. Most of the western slope, including the upper Colorado River basin, is no longer classified as drought.

Figure 1: U.S. Drought Monitor – Colorado. September 10, 2024 (National Drought Mitigation Center)



Temperature and Precipitation Forecasts

Figures 2 and 3 show the current National Weather Service 8-to-14-day temperature and precipitation outlooks. The 2-week outlook for Colorado indicates that the temperatures will be above normal, and precipitation is leaning near normal to below normal. The seasonal 3-month temperature and precipitation outlooks, which are less accurate, indicate temperatures are likely above normal and precipitation likely below normal.

Figure 2: 8-14 Day Temperature Outlook – September 15, 2024 (NOAA/National Weather Service Climate Prediction Center)

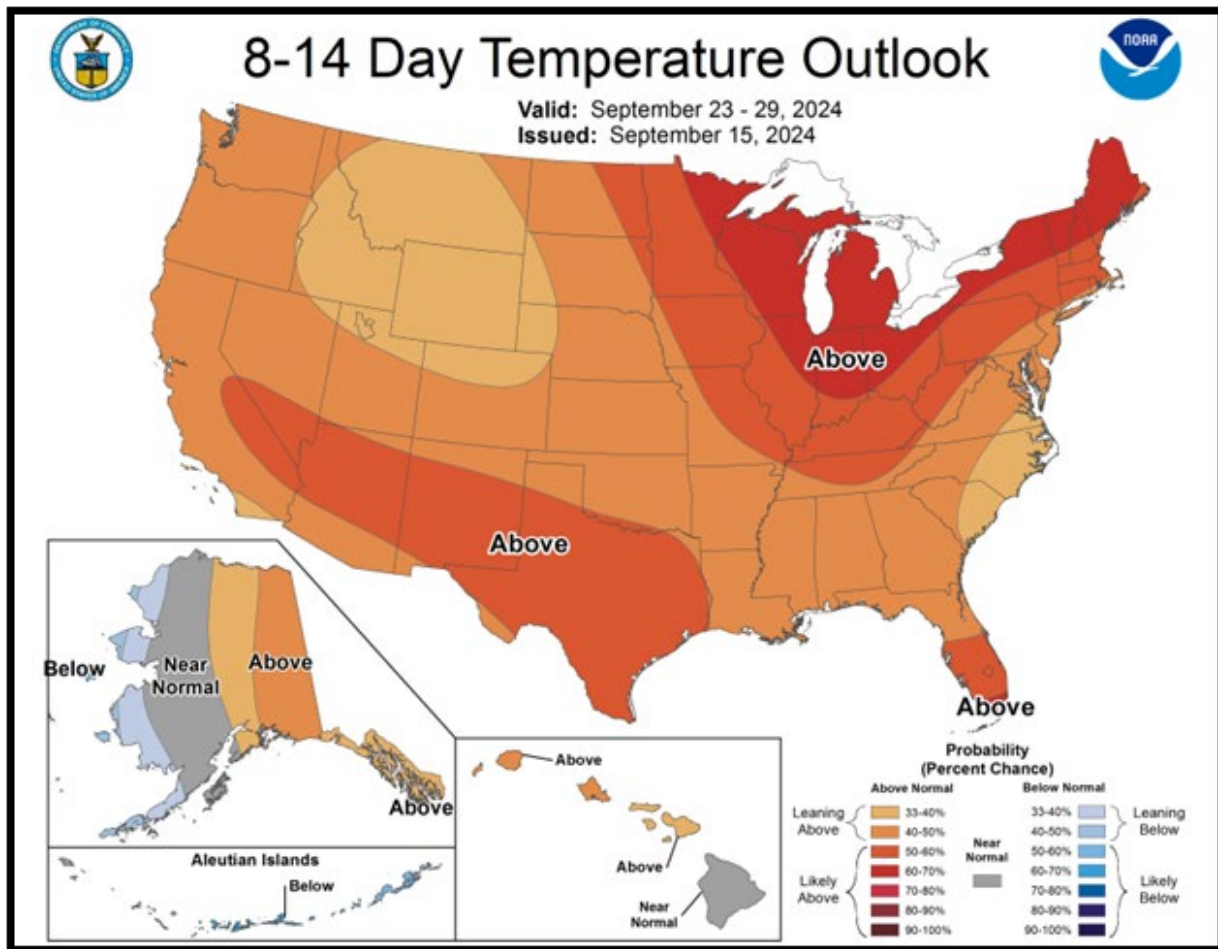
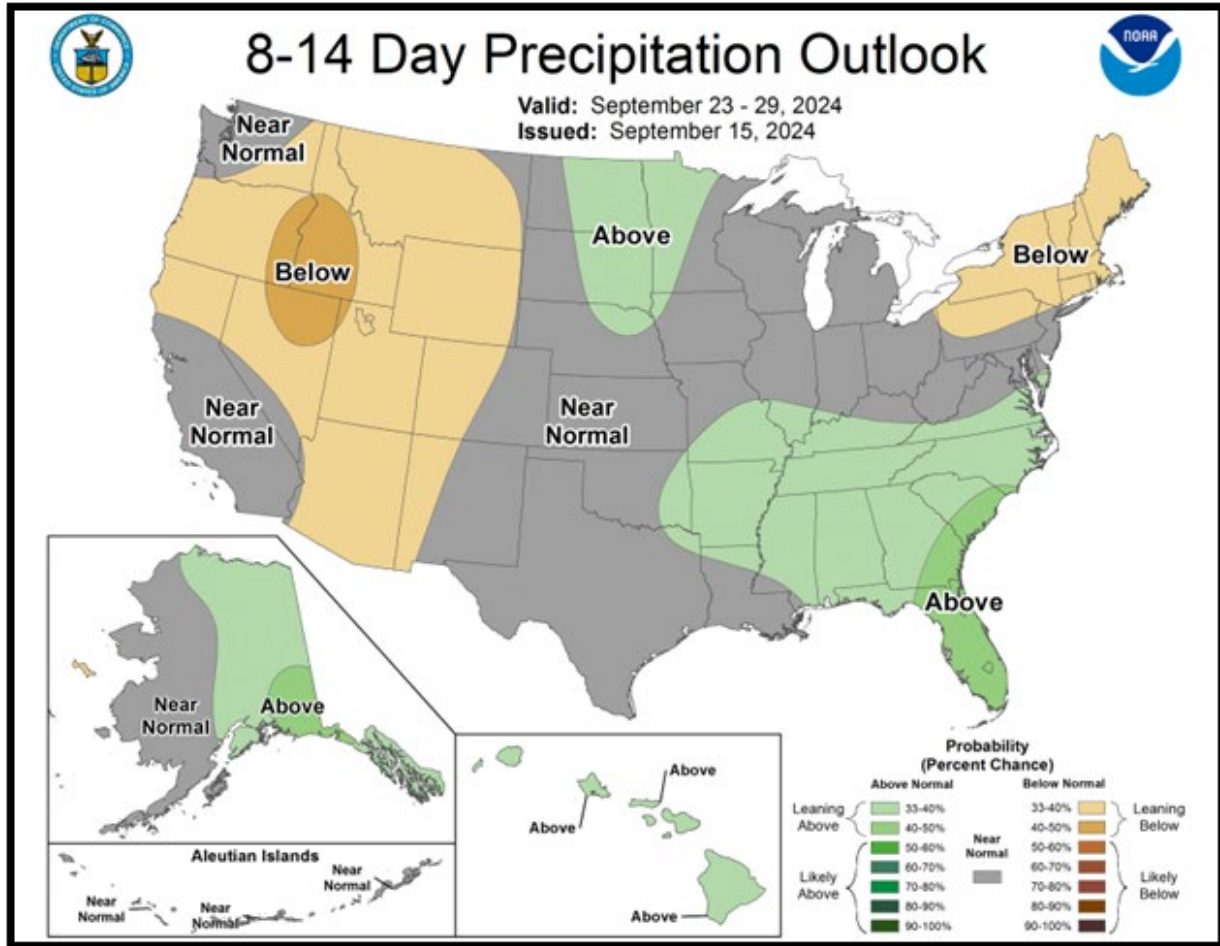


Figure 3: 8-14 Day Precipitation Outlook – September 15, 2024 (NOAA/National Weather Service Climate Prediction Center)



Precipitation Conditions

Figures 4 and 5 display the 2024 water year cumulative precipitation, which ends on September 30, at the Vail Mountain and Fremont Pass SNOTEL sites as of September 16, 2024. The Vail site's accumulated precipitation is 31.6", 94% of the 30-year median for this date. Fremont Pass's accumulated precipitation is 32.0, 113% of the 30-year median peak for this date.

Figure 4: Accumulated Precipitation at Vail Mountain SNOTEL station, September 16, 2024 (USDA)

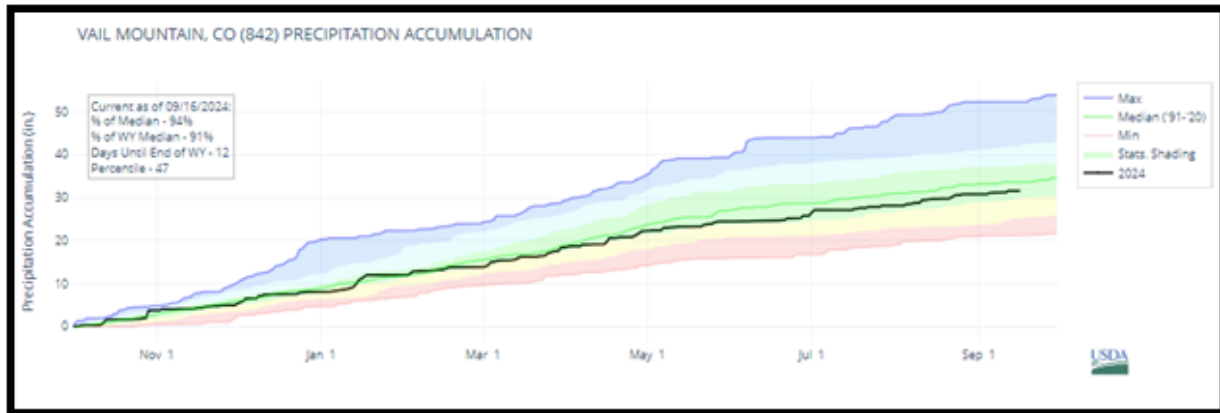
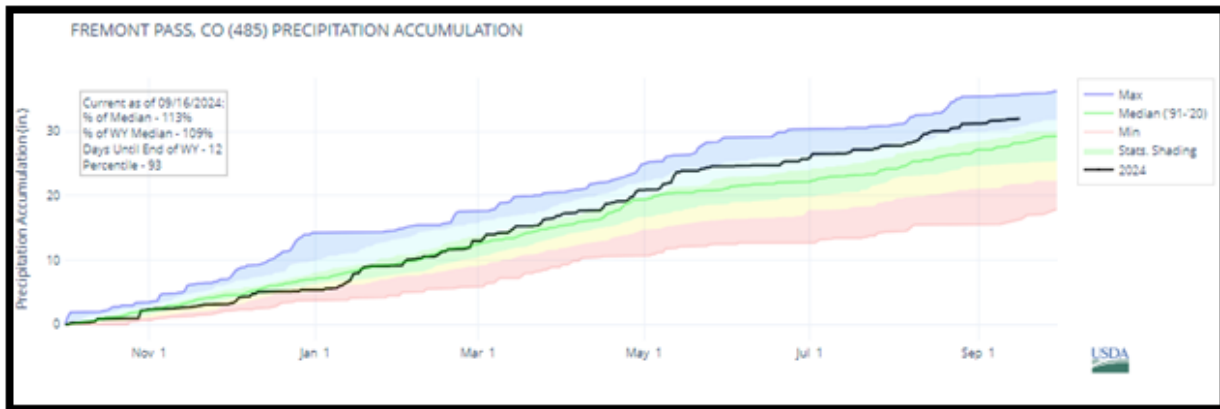


Figure 5: Accumulated Precipitation at Fremont Pass SNOTEL station, September 16, 2024 (USDA)



Streamflow

Figures 6, 7, and 8 contain the Colorado Basin River Forecast Center (CBRFC) hydrographs for Gore Creek above Red Sandstone Creek, Eagle River at Avon, and Colorado River at Dotsero respectively. The weather has been mild and dry over the last month and correspondingly the streamflows trended downward and are below the 25th percentile, except for the Colorado River at Dotsero where flows are being propped up by upstream reservoir releases to satisfy the Shoshone and Cameo calls.

The streamflow in Gore Creek above Red Sandstone Creek is currently 23 cfs, which is above the instream flow water right of 16 cfs. The Eagle River at Avon is hovering around the instream flow water right of 85 cfs. At the time of writing, the Colorado Water Conservation Board has not placed an instream flow call on the Eagle River. We anticipate that streamflows will continue to decline through the end of the month, potentially triggering releases from Eagle Park Reservoir if an instream flow call is placed. The instream flow water right in the Eagle River drops to 35 cfs on October 1, reducing the need for augmentation through the winter. Last winter's snow water equivalent in the Eagle River basin was 109% of the median. Despite the above-average snowpack and summer precipitation, Eagle River flows have dropped below the minimum instream flow levels, prompting the need for in-basin augmentation releases.

Figure 6: Forecast Hydrograph, Gore Creek above Confluence with Red Sandstone Creek, September 16, 2024 (CBRFC)

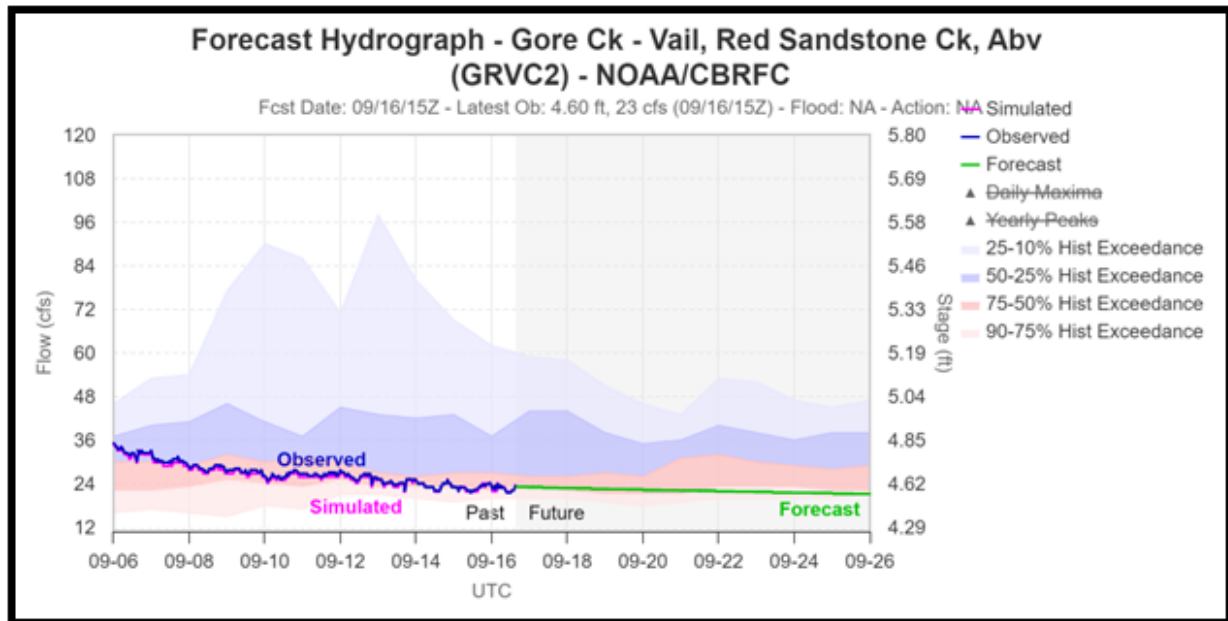


Figure 7: Forecast Hydrograph, Eagle River at Avon, September 16, 2024 (CBRFC)

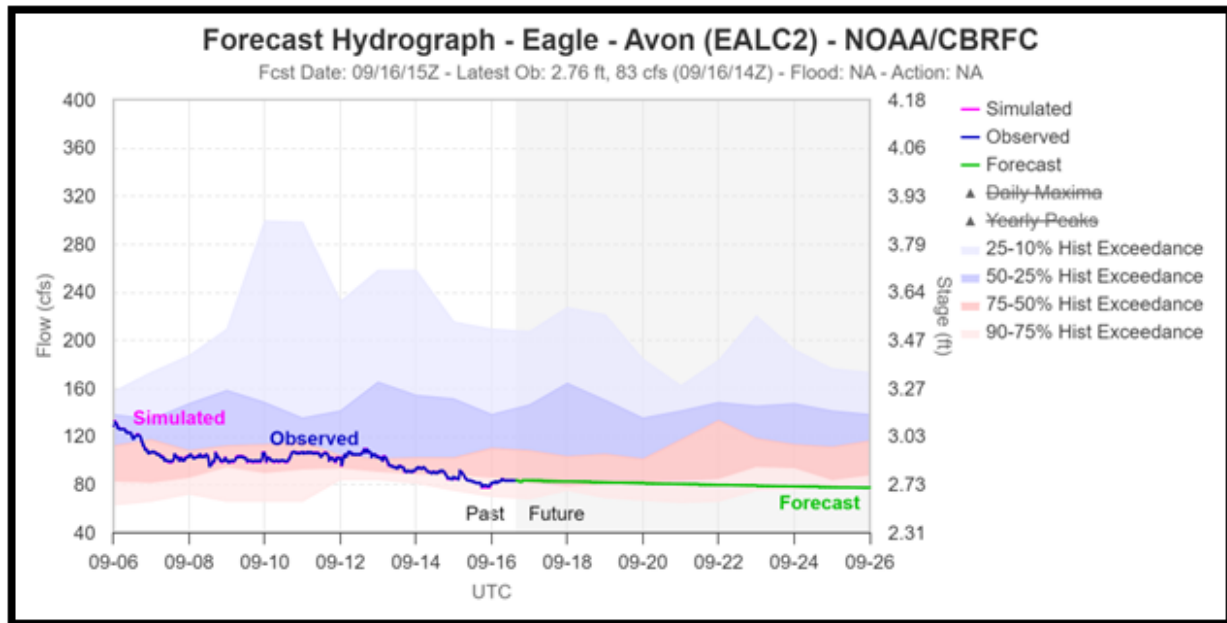
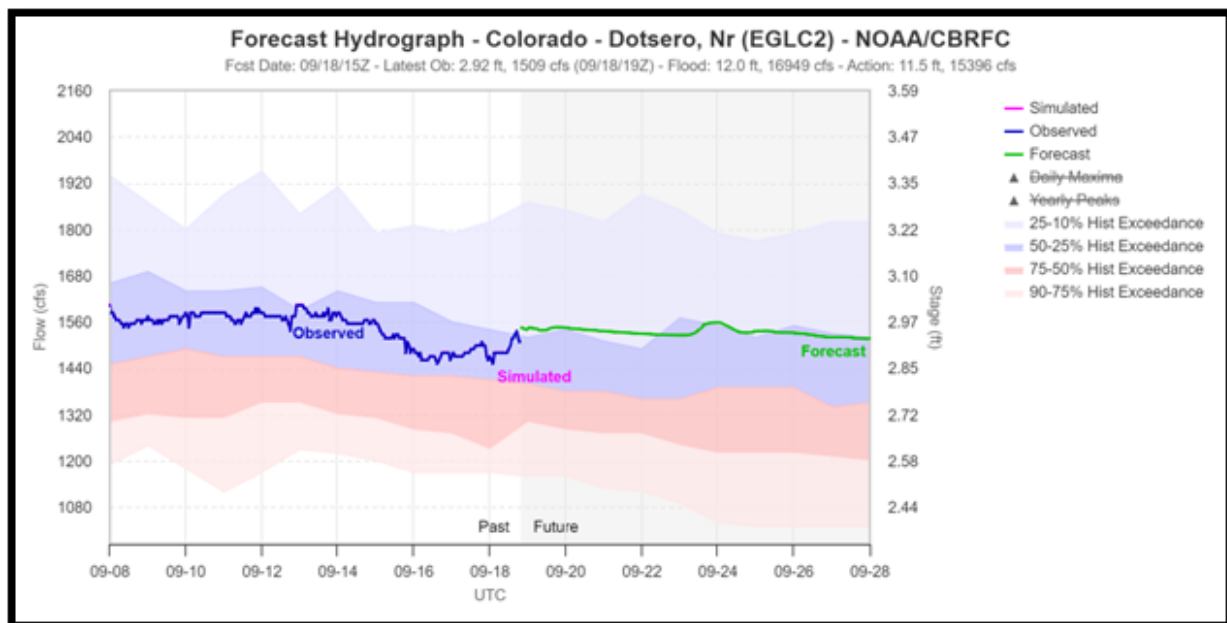


Figure 8: Forecast Hydrograph, Colorado River at Dotsero, September 16, 2024 (CBRFC)



Reservoir Volumes

Table 1 summarizes the reservoir storage accounts and indicates that the reservoir storage accounts are nearly full. The District and Authority accounts in Eagle Park were filled on September 1, 2024, when inflow from runoff was dispersed from the conservation storage pool to shareholder accounts following the adopted accounting procedures.

Table 1: District and Authority storage accounts for September 1, 2024 (Helton and Williamsen).

September 1, 2024 Volumes in Storage (acre-feet) and Percentages of Full:

<u>Reservoir</u>	<u>ERWSD</u>		<u>UERWA</u>		<u>Total</u>	
Green Mountain	934	100%	539.29	98%	1473.29	99%
Black Lakes	425	100%	300	100%	425	100%
Eagle Park	407.81	100%	755.69	100%	1163.50	100%
Homestake Res	250	100%	256.50	100%	506.50	100%
Wolford Mtn	500	100%	695.96	98%	1195.96	99%

*Homestake Year is currently set as July 1 to June 30.

Authority Unallocated In-Basin Storage Supply

Updated: 09/18/2024 by JEC

	In-basin Reservoir Storage, acft Affordable Housing Reserve ²	In-basin Reservoir Storage, acft Unrestricted ³
Available Unallocated In-Basin Storage¹	87.40	75.00
Dedication Requirements for New Projects		
State Land Board (Avon)	16.00	--
Eagle-Vail Presbyterian Church Employee Housing (Eagle County)	--	0.17
Eagle County Freedom Park Project (Berry Creek)	3.27	--
Cairns Townhomes (Edwards)	--	1.08
CMC Student Housing Building 3 (Edwards)	3.17	--
Total Pending Dedications	22.44	1.25
Remaining Unallocated In-Basin Storage	64.96	73.75

Notes:

1) Available Unallocated In-Basin Storage based on modeling for February 2023 Water Rights Report using Buildout Demands with Conservation and 95th Percentile Dry Year Hydrology under Median Climate Change Scenario. Pending developments that were included in the buildout demands include the West End PUD, the Edwards River Park PUD, the Margaux PUD, and the Warner Building Redevelopment.

2) Affordable Housing Reserve In-basin Reservoir Storage is Eagle Park water transferred to UERWA by Eagle County for water rights dedication requirements of housing projects subject to the terms of the Eagle Park Reservoir Stock Agreement between the Authority and Eagle County. Projects utilizing this water are subject to approval by the Authority and Eagle County.

3) Unrestricted In-basin Reservoir Storage includes 25 acft option purchased from ERWSD and 50 acft lease from the Colorado River Water Conservation District.

4) Water dedication requirements and sources are based on best available information and are subject to change.



UERWA New Development Report, September 2024

Project Location	Type of Use	Water Source	SFEs Proposed	Augmentation Requirement (acre-feet)	Application Initiation Date	Development Approval Process Step:	Construction Approval Process Step:
CMC Student Housing Building 3	Residential	Eagle County Agreement	36	3.17	May 7, 2024	1. Connection Application	1. Plan Review
State Land Board Parcels Unincorporated ECO	Mixed	Eagle County Agreement	700 Units + 60,000 SF Com	16	August 7, 2023	2. Water Analysis	0. Conceptual
Eagle River Presbyterian Church Housing Unincorporated ECO	Residential	Unallocated	2	0.17	June 20, 2023	3. Cond. Capacity Expires October 24, 2024	1. Plan Review
West Riverview (formerly Cairns) Edwards	Residential	Unallocated	10	1.18	June 7, 2023	3. Cond. Capacity Expires May 13, 2025	0. Conceptual
Eagle County - Freedom Park Project Edwards	Mixed	Eagle County Agreement	20 + Com	3.27	May 22, 2023	4. Water Rights Allocation & Service Agreement	3. Under Construction
North Road Project Traer Creek	Access Road	N/A	N/A	N/A	May 10, 2023	N/A	gracious saviors
Margaux PUD Edwards	Residential	Unallocated	32	3.56	October 11, 2021	3. Cond. Capacity Expires October 9, 2024	0. Conceptual
Edwards River Park PUD Edwards	Mixed	Unallocated	440	60.85	December 2, 2016	3. Cond. Capacity Expires February 2025	1. Plan Review
Projects not requiring or that have completed Water Rights Dedication							
Prime West Apartments	Residential	Traer Creek Water Service Agreement	242		May 13, 2024	5. Ability to Serve Letter	1. Plan Review
130 W BC BLVD Hotel Avon	Residential	Avon SFE Guarantee	80		March 20, 2024	N/A	0. Conceptual
Gracious Savior Lutheran Church and Eagle County School District Housing Project	Residential	Edwards Metro District Water Rights	6		November 22, 2023	5. Ability to Serve Letter	N/A
Vail Valley Foundation Childcare Center Traer Creek	Mixed	Traer Creek Water Service Agreement	TBD		October 13, 2023	1. Connection Application	0. Conceptual
Slopeside Housing Avon	Residential	Avon SFE Guarantee	TBD		October 5, 2023	1. Connection Application	0. Conceptual
140 W BC BLVD Hotel Avon	Residential	Avon SFE Guarantee	79		May 16, 2023	N/A	1. Plan Review
Tract Y- Metcalf Road Avon	Residential	Avon SFE Guarantee	53		February 16, 2023	5. Ability to Serve Letter	3. Under Construction
McGrady Acres Avon	Residential	Avon SFE Guarantee	24		August 5, 2021	5. Ability to Serve Letter	4. Construction Acceptance
Warner Building 2 Conversion Eagle-Vail	Residential	Unallocated	13.6	0.07	March 16, 2018	5. Ability to Serve Letter	N/A
West End PUD Amendment Edwards	Residential	Unallocated	275	28.7	February 27, 2019	4. Water Rights Allocation & Service Agreement	1. Plan Review
Projects that have recieved Construction Acceptance							
CMC Student Housing , ECO School District Housing, Frontgate, Maverik Gas Station, NorthStar PUD, Piedmont Apartments, Avon Dual Brand Hotel Traer Creek - Tract J, Fox Hollow PUD							
Development Approval Process Steps:	1. Connection Application			2. Water Demand Worksheet Analysis	3. Conditional Capacity to Serve Letter	4. Water Rights Allocation & Service Agreement	5. Ability to Serve Letter
Infrastructure Acceptance Process Steps:	0. Conceptual			1. Plan Review	2. Plan Approval	3. Under Construction	4. Construction Acceptance



ERWSD New Development Report, September 2024

Project Location	Type of Use	SFEs Proposed	Augmentation Requirement (acre-feet)	Application Initiation Date	Development Approval Process Step:	Construction Approval Process Step:
Cornerstone Project Vail	Mixed	33 + Com	N/A	July 11, 2024	N/A	0. Conceptual
Timber Ridge II Redevelopment Vail	Residential	294 (195.4 net increase)	2.2	July 25, 2023	3. Conditional Capacity to Serve Letter	3. Under Construction
Maloit Park ECO School District Housing Minturn	Residential	138 (122 net increase)	N/A	July 21, 2023	N/A	1. Plan Review
Midtown Village PUD Minturn	Mixed	42 + Com	N/A	October 13, 2022	N/A	1. Plan Review
North Minturn PUD Minturn	Residential	36	N/A	October 10, 2022	N/A	3. Under Construction
Middle Creek Lot 4,5 Vail	Mixed	268	4.2	June 28, 2022	3. Conditional Capacity to Serve Letter	1. Plan Review
Wolcott PUD Wolcott	Mixed	360 + Com	TBD	May 11, 2022	0. Conceptual	0. Conceptual
Belden Place (1200 Block Main St) Minturn	Residential	39	N/A	December 23, 2020	N/A	2. Plan Approval
Highline (Double Tree Expansion) Vail	Residential	43.65	0.79	July 11, 2019	5. Ability to Serve Letter	2. Plan Approval
Alura (Miradoro) Vail	Residential	10	0.405	May 29, 2018	4. Water Rights Allocation & Service Agreement	3. Under Construction
Projects that have recieved Construction Acceptance						
VVMC Phase II-East Wing, Vail Marriot Residence Inn, Residences at Main Vail						
Development Approval Process Steps:	1. Connection Application		2. Water Demand Worksheet Analysis	3. Conditional Capacity to Serve Letter	4. Water Rights Allocation & Service Agreement	5. Ability to Serve Letter
Infrastructure Acceptance Process Steps:	0. Conceptual		1. Plan Review	2. Plan Approval	3. Under Construction	4. Final Acceptance



MEMORANDUM

Subject:	Board Update – September progress	Date:	09/14/24
Client:	Eagle River Water and Sanitation District and Upper Eagle Regional Water Authority	Project No.:	419055
Project Name:	Bolts Lake Redevelopment Program	File No.:	14.1000
From:	Ben Johnson		

The purpose of this memo is to provide an update on the status and progress of the Bolts Lake Redevelopment Program. The table below provides a snapshot of the work completed in the last month, upcoming milestones, and important next steps in key focus areas.

Category	Recent Progress	Near Term Milestones	Next Steps
Program Management	Draft plans submitted to District for review: <ul style="list-style-type: none"> Internal Communication (9/17/24) Procurement (9/17/24) Conflict Resolution (9/18/24) 	Finalize program management plans: (October 2024) <ul style="list-style-type: none"> Risk Management and Change Management Quality Management Environmental Compliance Program Controls Stakeholder Management Cost Management Plan Succession Plan Document Control 	District review of program management plans, and finalize plans when comments are received
Environmental Permitting	Field surveys for biological resources, cultural resources, and wetlands were completed by Pinyon Environmental	Draft Purpose and Need Statement by Helton and Williamson	Review field reports from environmental consultant (due October 15)
		Identify Lead Permit agency (January 2025)	
		Initiate consultations with interested parties and stakeholders (February 2025) Submit Draft Environmental Assessment to Lead Permit Agency (September 2025)	Contact Federal agencies regarding NEPA primacy
Technical	Interviewed and selected design engineer (AECOM)	AECOM deliverable: Technical Memorandum	Agree on scope and fee, execute design

Category	Recent Progress	Near Term Milestones	Next Steps
		regarding diversion alternatives (January 2025)	contract, and kickoff design meeting
		AECOM deliverable: Technical Memorandum regarding dam embankment and liner alternatives (January 2025)	
		Design alternatives workshop (February 2025)	Conduct topographic field surveys (October 2025)
		AECOM Deliverable: Draft 30% Design documents for use in NEPA consultations (April 2025)	
Funding	Draft funding opportunities memorandum submitted for review by Ferguson Group (September 11, 2024)	Funding strategy identified (December 2024)	Review funding opportunities with Senator Bennet's office
		Grant and loan applications to execute funding strategy	Draft Funding Strategy Memorandum (October 15)

In the next month, Black & Veatch will provide a schedule update, initiate the design process with AECOM, and review field reports from Pinyon Environmental. In addition, NEPA work will focus on establishing contact with relevant Federal agencies and continue the discussion regarding which agency will lead the NEPA process.

Activity ID	Activity Name	Remaining Duration	Start	Finish	2024				2025				2026				2027			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Bolts Lake Reservoir					1900															
Milestones					1884															
A1000	30% Design NTP	0	15-Oct-24*																	
A1030	Construction NTP	0	29-Nov-27																	
A1010	Construction Completion	0		25-Apr-31																
A1020	Turnover Completion	0		18-Jul-31																
A1040	Final Completion	0		02-Jan-32																
Permitting/Surveys					860															
Federal Permitting					860															
BLM - Mining Permit					280															
A1580	Prepare Permit Application - BLM - Mining Permit	30	27-Jul-26	04-Sep-26																
A1590	Agency (BLM) Review - Mining Permit	250	07-Sep-26	20-Aug-27																
A1600	Permit Obtained - BLM - Mining Permit	0		20-Aug-27																
USFS - Wilderness Approval Permit					460															
A1760	Prepare Permit Application - USFS - Wilderness Approval Permit	90	02-Jun-25	03-Oct-25																
A1770	Agency (USFS) Review - Wilderness Approval Permit	370	06-Oct-25	05-Mar-27																
A1780	Permit Obtained - USFS - Wilderness Approval Permit	0		05-Mar-27																
FAA - Notice of Proposed Construction or Alteration					47															
A1700	Prepare Permit Application - FAA - Notice of Construction	2	02-Aug-27	03-Aug-27																
A1710	Agency (FAA) Review - Notice of Construction	45	04-Aug-27	05-Oct-27																
A1720	Permit Obtained - FAA - Notice of Construction	0		05-Oct-27																
EPA - Spill Prevention Control Coutermeasures Plan (SPCC)					40															
A1640	Prepare Plan - EPA - SPCC	40	15-Nov-27	07-Jan-28																
A1660	Plan Completed - EPA - SPCC	0		07-Jan-28																
USACE - Section 404 Permit					140															
A1610	Prepare Permit Application - USACE - Section 404 Permit	10	03-May-27	14-May-27																
A1620	Agency (USACE) Review - Section 404 Permit	130	17-May-27	12-Nov-27																
A1630	Permit Obtained - USACE - Section 404 Permit	0		12-Nov-27																
USFWS - Endangered Species Act Compliance Consultation					280															
A1730	Prepare Consultation Package - USFWS - Endangered Species Act Compliance	30	14-Dec-26	22-Jan-27																
A1740	Agency (USFWS) Review - Endangered Species Act Compliance	250	25-Jan-27	07-Jan-28																
A1750	Consultation - USFWS - Endangered Species Act Compliance	0		07-Jan-28																
Federal Lead Agency - NEPA - Environmental Assessment					710															
A1550	Generate Data Request - NEPA	15	13-Sep-24 A	11-Oct-24																
A1560	District to Provide Data - NEPA	60	14-Oct-24	03-Jan-25																
A1570	Agency/District Coordination & Refinement - NEPA	60	06-Jan-25	28-Mar-25																
A2330	Initiate Consultations, Draft Letters, & Receive Agency Response - NEPA	120	31-Mar-25	12-Sep-25																
A2340	Conduct Studies, Draft Baseline EA, & District Review - NEPA	120	15-Sep-25	27-Feb-26																
A2350	Incorporate Comments & Submit Draft EA - NEPA	30	02-Mar-26	10-Apr-26																
A2360	Action Agency Review - NEPA	120	13-Apr-26	25-Sep-26																
A2370	Receive Agency Responses - NEPA	0		25-Sep-26																
A2380	Respond to Agency, Revise EA, & Prepare FONSI - NEPA	60	28-Sep-26	18-Dec-26																
A2390	District Review FONSI - NEPA	30	21-Dec-26	29-Jan-27																
A2400	Notice of Availability of FONSI & Final EA - NEPA	45	01-Feb-27	02-Apr-27																
A2410	Final Public Review Period - NEPA	30	05-Apr-27	14-May-27																
A2420	FONSI Signed - NEPA	0		14-May-27																
A2430	Action Agency Publishes in Federal Registry - NEPA	20	17-May-27	11-Jun-27																

■ Project Baseline Bar
 ■ Remaining Work
 ◆ Baseline Milestone
■ Actual Work
 ■ Critical Remaining Work
 ◆ Milestone



MEMORANDUM

TO: Boards of Directors
FROM: Diane Johnson, Communications & Public Affairs Manager
DATE: September 26, 2024
RE: Communications and Public Affairs Report

Wipes labeling

In 2022, the District board supported staff in working on state legislation that would require labeling on wipes that are not intended to be flushed down a toilet. By emphasizing the visibility and prominence of labels on non-flushable wipes packaging, this legislation was intended to address the growing issues of sewer backups and blockages caused by flushed wipes. The District led this initiative, approaching then Rep. Dylan Roberts to discuss the critical need for wipes labeling to inform consumers and protect wastewater infrastructure. Rep. Roberts agreed with our analysis and in 2023 (as Sen. Roberts), co-sponsored [SB23-150, Require Labeling Disposable Wipes](#). We then worked with the Office of Legislative Services on drafting the legislation, created an outreach campaign that recruited dozens of wastewater utilities from across the state in support of the legislation, and coordinated with a lobbyist to pass the bill.

As a result of this work by staff and consultants, SB23-150 was signed into law on Apr. 11, 2023. The act requires manufacturers (and retailers responsible for labeling) of premoistened, nonwoven disposable wipes sold in Colorado to include a label with the phrase "Do Not Flush," starting on Dec. 31, 2023. As old, non-labeled inventories are being sold off, we are seeing more wipes packages with this label displayed. I recently saw Kroger brand wipes with prominent labeling, and we look forward to future data about the impacts of this legislation on reducing sewer backups and blockages.



After a decade of advocacy by the National Association of Clean Water Agencies (NACWA), state agencies, water sector partners, and manufactures, a wipes labeling bill is making progress at the federal level. On June 11, 2024, the U.S. House of Representatives passed [H.R. 2964, Wastewater Infrastructure Pollution Prevention and Environmental Safety \(WIPPES\) Act](#), 351-56, including a "yea" vote by Rep Neguse. The bill was referred to the Senate Committee on Commerce, Science, and Transportation, of which Sen. Hickenlooper is a majority member.

The federal legislative calendar is full, and many bills will not be considered before the 118th Congress concludes on Jan. 3, 2025. However, NACWA is optimistic that the WIPPES Act can pass in the Senate based on the bipartisan support of the House bill. NACWA is organizing an outreach campaign for utilities to request support from their Senators. While District support may be immaterial to the federal legislation, given our leadership on the Colorado legislation, we request Board support to join the NACWA campaign. We could send a letter to Sen. Hickenlooper urging support in Committee, as well as to Sen. Bennet for support in the full Senate. We also suggest sending a letter to Rep. Neguse to thank him for his support.

The WIPPES Act would direct the Federal Trade Commission, with guidance from the U.S. Environmental Protection Agency, to issue national regulations requiring wipes manufacturers to include clear,

consumer-friendly “Do Not Flush” labeling on the packaging of wet wipes that are not designed to be flushed. With Michigan becoming the sixth state to enact wipes labeling legislation earlier in 2024 (and several other states considering similar legislation), there is a patchwork of different state regulations. A federal law would unify regulations, ensuring consistency and clarity for wipes manufacturers, retailers, and consumers. The WIPES Act is similar to Colorado’s legislation, with the federal law providing more specific and prescriptive provisions on label size and location, particularly for different packing formats.

Ballot initiative

[HB24-1436, Sports Betting Tax Revenue Voter Approval](#), was passed by the Colorado legislature to refer a ballot issue to voters at the November statewide election to allow the state to keep and spend all revenue from the existing tax on the net proceeds of licensed sports betting (sports betting tax), including revenue in excess of the \$29 million fiscal year estimate included in the 2019 ballot question (which directed sports betting tax revenue towards water projects). The 2024 ballot issue is **Proposition JJ, Retain Sports Betting Tax Revenue for Water Projects Measure**.

A “yes” vote supports allowing the state to retain tax revenue collected above \$29 million annually from the tax on sports betting proceeds authorized by voters in 2019.

A “no” vote opposes allowing the state to retain tax revenue collected above \$29 million annually from the tax on sports betting proceeds authorized by voters in 2019, thereby requiring the state to refund tax revenue above \$29 million to casinos and sports betting operators.

Vail Farmers’ Market

Our hydration station at the Vail Farmers’ Market ends Oct. 6 with the last market. Started during the 2012 drought, this is our 11th season (since we took the 2020 and 2021 seasons off with the pandemic). The booth is a cross-departmental effort which allows many different employees to engage with the community on a variety of water topics. Customer interactions at the market are overwhelmingly positive.

2025 rate increase outreach

Given the new approach to three account types for 2025 rates, and increases associated with issuing bonds to complete required water projects, we have planned an outreach campaign like last year. We will mail a postcard to every address in the Vail, Minturn, Avon, and Edwards zip codes in early October, followed by the billing comparison mailer in November, and a billing insert in December.

Special District Association of Colorado (SDA)

ERWSD has long been a member and supporter of SDA. In addition to Dick Cleveland serving on the SDA Board of Directors, Brian Thompson was selected to participate in the 2024 SDA Leadership Academy. This seven-month program provides specialized training and resources to help special district leaders from across the state enhance their governance, management, and leadership skills. Brian represented ERWSD at the SDA Annual Conference, held Sept. 10-12 in Keystone, and moderated presentations on *Updating Bylaws* and *Community Management in Metropolitan Districts*.

Media reports:

1. Sep. 16, Colorado Sun: [Minturn settles dispute with developer for \\$48 million in land](#)
2. Sep. 12, Colorado Politics: [Unintended consequences: New law on accessibility leads to removal of public records from websites](#)
3. Sep. 11, NPR: [Can eating less beef and dairy help save the Colorado River?](#)
4. Sep. 9, KUNC: [Lake Powell plumbing will be repaired, some say Glen Canyon Dam needs a fix](#)
5. Sept. 9, Vail Daily: [Dylan Roberts column – More property tax relief](#).
6. Sept. 4, Denver Post: [83-year-old Colorado fisherman is back, defiant, seeking arrest and support in fight for freedom to wade in state’s rivers](#)
7. Aug. 29, Newsweek: [Lake Powell: Water Rule Change Could Have Saved 28.5 Billion Gallons](#)
8. Aug. 28, Colorado Sun: [Show us the data: Northern Water questions deal to purchase one of Colorado’s oldest water rights](#)
9. Aug. 26, LA Times: [How much more water and power does AI computing demand? Tech firms don’t want you to know](#)
10. Aug. 20, KUNC: [As Lake Powell shrinks, a thriving desert oasis is coming back](#)



**UPPER EAGLE REGIONAL
WATER AUTHORITY**

MEMORANDUM

TO: Board of Directors
FROM: Justin Way, Information Technology Manager
DATE: September 20, 2024
RE: Cyber Insurance Coverage

GOVERNED BY:

The Metropolitan
Districts of:
Arrowhead
Beaver Creek
Berry Creek
EagleVail
Edwards

The Town of Avon

This is a public memo summarizing topics that will be discussed in Executive Session at the Sept. 26 board meeting.

As a member of the Colorado Special Districts Property and Liability Pool, the District may qualify for a higher insurance sublimit by completing a cyber assessment, which has relevance to the Authority. This assessment will include an overview of the following topics:

- 1) The District's current exposure to Personally Identifiable Information (PII)
- 2) Progress made to any recommendations or findings identified in the initial cyber assessment
- 3) Next steps to be taken over the next twelve (12) months regarding the District's cyber security

In addition, I will briefly discuss the evolving threat landscape, additional measures we are taking to strengthen our cybersecurity posture, and the growing cyber risks to the water and wastewater sector.

As the content of these discussions involves sensitive security information, it is imperative this discussion take place in executive session.