



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

**GOVERNED BY:**

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

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The Town of Avon

**M E M O R A N D U M**

**TO:** Board of Directors  
**FROM:** Brian Thompson, Government Affairs Administrator  
**DATE:** January 20, 2023  
**RE:** January 26, 2023, 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, January 26, 2023  
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](mailto:info@erwsd.org). In-person attendance is subject to public health protocols.

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**  
January 26, 2023  
**8:30 a.m.**  
Walter Kirch Conference Room

**GOVERNED BY:**

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The Metropolitan  
Districts of:

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The Town of Avon

**AGENDA**

**1. Introductions**

**2. Public Comment**

**3. Action Items**

- 3.1. Approval of minutes from the December 15, 2022, Regular Meeting
- 3.2. **Res. No. 2023-01:** Resolution & Proclamation for Sarah Smith Hymes
- 3.3. **Res. No. 2023-02:** Resolution & Proclamation for Mick Woodworth
- 3.4. **Res. No. 2023-03:** Resolution Designating Location to Post Notice
- 3.5. Updating board committees

**Attachment Link**

Action Item

Action Item

Action Item

**4. Information Reports**

- 4.1. Development report
- 4.2. December meeting summary – draft
- 4.3. Contract log

Informational

Informational

Informational

**5. Board Member Input**

- 5.1. Town of Avon Demonstration Gardens – Eric Heil

**6. General Manager Report – Siri Roman**

- 6.1. GM information items
- 6.2. Business Administration report – David Norris
  - 6.2.1. Quarterly financials – Jim Cannava
- 6.3. Operations report – Brad Zachman
- 6.4. Engineering and Water Resources report – Jason Cowles
- 6.5. Communications and Public Affairs report – Diane Johnson

Informational

Informational

Informational

Informational

**7. Water Counsel Report – Kristin Moseley**

- 7.1. Conditional water rights deadlines

Informational

**8. General Counsel Report – Kathryn Winn**

Confidential

**9. Executive Session**

- 9.1. Motion to move into Executive Session pursuant to §24-6-402(4)(b), C.R.S., to receive legal advice related to:
  - 9.1.1. Colorado River Cooperative Agreement matters
  - 9.1.2. Senate Bill 23-01

Confidential

Confidential

**10. Any Action as a Result of Executive Session**

**11. Adjournment**

Managed by Eagle River Water & Sanitation District

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



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

**M E M O R A N D U M**

**TO:** Board of Directors  
**FROM:** Brian Thompson, Government Affairs Administrator  
**DATE:** January 26, 2023  
**RE:** Res. No. 2023-03: A Resolution Designating Location to Post Notice

**GOVERNED BY:**

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

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The Town of Avon

**Summary of Subject:** The board must adopt a Resolution Designating Location to Post Notice at the first regular meeting of each year.

**Discussion and Background:** At the Dec. 15, 2022, board meeting, directors reviewed the 2023 regular meeting schedule as presented in Exhibit A. The board directed staff to include the regular meeting schedule in the Resolution Designating Location to Post Notice.

**Alternatives:** None.

**Legal Issues:** This is a statutory requirement per §24-6-402(2)(c).

**Budget Implication:** None

**Recommendation:** Adopt the resolution with the attached exhibit.

**Suggested Resolution and Motion:** I move to approve Resolution No. 2023-03: Resolution Designating Location to Post Notice, with its attached Exhibit A.

**Attached Supporting Documentation:**

- Res. No. 2023-03: A Resolution Designating Location to Post Notice with Exhibit A

**UPPER EAGLE REGIONAL WATER AUTHORITY**

**RESOLUTION NO. 2023-03**

**RESOLUTION DESIGNATING LOCATION TO POST NOTICE**

**WHEREAS**, pursuant to §24-6-402(2)(c), notice and, where possible, the agenda of the Upper Eagle Regional Water Authority (“Authority”) Board of Directors (“Board”) meetings at which the adoption of any formal action is to occur or at which a majority or quorum of the body is in attendance, or is expected to be in attendance, shall be posted within the boundaries of the Authority at least 24 hours prior to each meeting at a location designated at the first regular meeting of each year.

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

Notices of meetings (regular, special, and work/study session) of the Board required pursuant to §24-6-401, *et seq.*, C.R.S., shall be posted at least 24 hours prior to each meeting at:

<https://www.erwsd.org/>

In the event of an exigent or emergency circumstance such as a power outage or an interruption in internet service, the Authority will post notice of public meetings at least 24 hours prior to a meeting at the following physical location within the boundaries of the Authority:

846 Forest Road  
Vail, Colorado 81657

The schedule of regular meetings of the Authority for 2023 is attached hereto as Exhibit A and incorporated herein by this reference:

ADOPTED this 26th day of January 2023.

UPPER EAGLE REGIONAL WATER  
AUTHORITY

By \_\_\_\_\_

George Gregory, Chair

ATTEST:

\_\_\_\_\_  
Kim Bell Williams, Secretary

# 2023 Board Meeting Schedules

Eagle River Water & Sanitation District Administrative Offices  
846 Forest Road, Vail, CO 81657  
Walter Kirch Conference Room

## Upper Eagle Regional Water Authority

Board of Directors

meets at 8:30 a.m. on the fourth Thursday of each month,  
unless otherwise noted

## UERWA and ERWSD

Boards of Directors

meets at 11:00 a.m. on the fourth Thursday of January through March  
(additional joint meetings may be scheduled)

## Eagle River Water & Sanitation District

Board of Directors

meets at 12:00 p.m. on the fourth Thursday of each month,  
unless otherwise noted

Date	UERWA Time	Joint Time	ERWSD Time
January 26	8:30 a.m.	11:00 a.m.	1:00 p.m.
February 23	8:30 a.m.	11:00 a.m.	1:00 p.m.
March 23	8:30 a.m.	11:00 a.m.	1:00 p.m.
April 27	8:30 a.m.		12:00 p.m.
May 25	8:30 a.m.		12:00 p.m.
June 22	8:30 a.m.		12:00 p.m.
July 27	8:30 a.m.		12:00 p.m.
August 24	8:30 a.m.		12:00 p.m.
September 28	8:30 a.m.		12:00 p.m.
October 26	8:30 a.m.	.	12:00 p.m.
November 16†	8:30 a.m.		12:00 p.m.
December 21†	8:30 a.m.		12:00 p.m.

† Meeting scheduled for third Thursday



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

**BOARD ACTION REQUEST**

**TO:** Board of Directors  
**FROM:** Brian Thompson, Government Affairs Administrator  
**DATE:** January 26, 2023  
**RE:** Board Committees

**GOVERNED BY:**

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

The Town of Avon

**Summary:** New directors have been appointed to the Authority board of directors by its Participating Members. The outgoing directors serve on joint board committees, which now have vacancies. The board can appoint these new directors to committees and consider other committee changes. The current list of committees and committee members is attached for review.

**Background:** The Authority bylaws require a permanent Budget Committee and a permanent Audit Committee. The board may “create standing or special committees and to delegate such power and authority thereto as the board deems necessary and proper for the performance of such committee’s functions and obligations.” Upper Eagle Regional Water Authority Bylaws §4(a).

In addition to the permanent Audit and Budget committees, the Authority board has representatives on four joint committees: Water Quality, Rules and Regulations, Water Supply Planning, and Climate Action Plan. Each joint committee is comprised of 1-2 Authority directors and 1-2 District directors. The board may add, delete, or change committees (except permanent committees) or adjust membership at any time.

Former director Sarah Smith Hymes (Town of Avon) served on three joint committees: Water Quality, Water Supply Planning, and Climate Action Plan. Mick Woodworth (Edwards Metropolitan District) will be ending his term after the Jan. 26 meeting and currently serves on the Water Supply Planning joint committee. As such, these committees have vacancies.

**Alternatives:** The board can make no changes to the current list of committee members and leave the vacancies intact until May, when the District and Authority will consider committee assignments after Participating Member district director elections (and any subsequent appointments to the Authority board) and the ERWSD director election.

**Legal issues:** None.

**Budget implications:** None.

**Recommendation:** Make adjustments to board committee assignments and approve an updated committee list.

**Suggested motion:** I move to approve the board committee changes as discussed.

**Attached supporting documentation:**

- Board committee list



## BOARD COMMITTEES

### DISTRICT

<i>Audit/Budget</i>	Dick Cleveland Steve Coyer
<i>Employee Housing</i>	Steve Coyer Dick Cleveland
<i>Retirement Plans</i>	Bob Warner Siri Roman David Norris
<i>Organizational Development</i>	Bob Warner Dick Cleveland
<i>Facilities Master Plan</i>	George Gregory Bob Warner


### JOINT

<i>Water Quality</i>	Vacant (A) Timm Paxson (D)
<i>Rules and Regulations</i>	Kim Bell Williams (A) Bob Warner (D)
<i>Water Supply Planning</i>	Vacant (A) Vacant (A) Kate Burchenal (D) Steve Coyer (D)
<i>Climate Action Plan</i>	Vacant (A) Kate Burchenal (D) Timm Paxson (D)

(A) = Authority, (D) = District

### AUTHORITY

<i>Audit/Budget</i>	Geoff Dreyer George Gregory
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UERWA New Development Report January 2023									
		Type of Use	SFEs Proposed	Location	Existing Service Commitment?	Augmentation Requirement	Development Approval Process Step:	Construction Approval Process Step:	
Process	140 W Beaver Creek Blvd (Extended Stay)	Residential	97.5	Avon	Yes		N/A	0. Conceptual	
	Avon Dual Brand Hotel(Traer Tract J)	Commercial	85.05	Traer	Yes		6. Ability to Serve Letter	2. Plan Approval	
	CMC Student Housing (Phase I & II)	Residential	72	Edwards	Yes		6. Ability to Serve Letter	2. Plan Approval	
	CVC Clubhouse Residences	Residential	9	Edwards	Yes		6. Ability to Serve Letter	2. Plan Approval	
	ECO School District Housing	Residential	37	Edwards	Yes		6. Ability to Serve Letter	2. Plan Approval	
	Edwards River Park PUD	Mixed Use	440+com	Edwards	No	61.8	3. Cond. Capacity	0. Conceptual	
	Fox Hollow Amended PUD	Mixed Use	108	Edwards	No	14	6. Ability to Serve Letter	2. Plan Approval	
	Frontgate (CO World Resorts)	Mixed Use	84	Avon	No	2.6	6. Ability to Serve Letter	2. Plan Approval	
	Kudel Parcel	Residential	4	Edwards	No	2.4	6. Ability to Serve Letter	2. Plan Approval	
	Margaux PUD	Residential	32	Edwards	No	3.56	3. Cond. Capacity	0. Conceptual	
	Maverik Gas Station	Commercial	2.6	Traer	Yes		6. Ability to Serve Letter	2. Plan Approval	
	McGrady Acres	Residential	24	Avon	Yes		6. Ability to Serve Letter	2. Plan Approval	
	Mountain Hive	Residential	110.5	Edwards	No	14.1	2. Water Analysis	0. Conceptual	
	NorthStar PUD Amendment	Commercial	TBD	Edwards	No	3.7	6. Ability to Serve Letter	2. Plan Approval	
	Prime West	Residential	241	Traer	No		1. Connection Application	0. Conceptual	
	Riverfront Lot 1	Residential	53	Avon	Yes		N/A	2. Plan Approval	
	Riverwalk PUD Amendment	Residential	18	Edwards	No	1.8	6. Ability to Serve Letter	N/A	
	Stolport Restaurant (Traer Tract J)	Commercial	TBD	Traer	Yes		6. Ability to Serve Letter	1. Plan Review	
	Swift Gulch	Residential	42	Avon	Yes		1. Connection Application	0. Conceptual	
	Tract Y- Metcalf Road	Residential	54	Traer	Yes		1. Connection Application	1. Plan Review	
	Vogelman Parcel (Carwash)	Mixed Use	1.5	Edwards	No	1.1-2.6	2. Water Analysis	1. Plan Review	
	Warner Building 2 Conversion	Residential	13.25	Eagle-Vail	No	0.07	3. Cond. Capacity	N/A	
	West End PUD Ammdment	Residential	275	Edwards	Yes		3. Cond. Capacity	0. Conceptual	
	<b>Projects Completing Warranty Period</b>								
	6 West Apartments, 185 Elk Tract, Piedmont Apartments, Riverfront Village, Stillwater								
	<b>Construction Approval Process Steps:</b>		0. Conceptual	1. Plan Review	2. Plan Approval	3. Acceptance	4. Warranty Period	5. Final Acceptance	
	<b>Development Approval Process Steps:</b>		1. Connection Application	2. Water Demand Worksheet Analysis	3. Conditional Capacity to Serve Letter	4. Water Rights Allocation	5. Water Service Agreement	6. Ability to Serve Letter	



**ERWSD New Development Report**

**January 2023**



Eagle River Water & Sanitation District		Type of Use	SFEs Proposed	Location	Existing Service Commitment?	Augmentation Requirement	Development Approval Process Step:	Construction Approval Process Step:
	534 E Lionshead Circle - Elevation	Residential	12	Vail	No	0.49	2. Water Analysis	0. Conceptual
	500 E Lionshead Circle - Legacy	Residential	23	Vail	No	0.31	2. Water Analysis	2. Plan Approval
	Alura (Miradoro)	Residential	10	Vail	No	0.83	1. Connection Application	2. Plan Approval
	Belden Place (1200 Block Main St)	Residential	41	Minturn	Yes		N/A	2 Plan Approval
	Booth Heights	Residential	61	Vail	No	TBD	1. Connection Application	0. Conceptual
	Highline (Double Tree Expansion)	Residential	43.65	Vail	No	0.79	6. Ability to Serve Letter	1. Plan Review
	Midtown Village PUD	Res + Com	43.55	Minturn	Yes		1. Connection Application	1. Plan Review
	North Minturn PUD	Residential	184	Minturn	Yes		N/A	1. Plan Review
	The Residences at Main Vail	Residential	72	Vail	No	0.81	6. Ability to Serve Letter	2. Plan Approval
	Vail Mountain View Phase II	Mixed Use	37	Vail	Yes		6. Ability to Serve Letter	N/A
	VVMC Phase II-East Wing	Commercial	--	Vail	Yes		N/A	4. Warranty Period
	Vail Marriott Residence Inn	Mixed Use	75	Vail	Yes		N/A	2. Plan Approval
	Wolcott PUD	Mixed Use	328 + Com	Wolcott	No	TBD	0. Conceptual	0. Conceptual
	<b>Projects Completing Warranty Period</b>							
3010 Basingdale (Phase II), 841/851 Main St Minturn, Red Sandstone Parking Garage								
Process	<b>Construction Approval Process Steps:</b>	0. Conceptual	1. Plan Review	2. Plan Approval	3. Acceptance	4. Warranty Period	5. Final Acceptance	
	<b>Development Approval Process Steps:</b>	1. Connection Application	2. Water Demand Worksheet Analysis	3. Conditional Capacity to Serve Letter	4. Water Rights Allocation	5. Water Service Agreement	6. Ability to Serve Letter	



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The Town of Avon

**M E M O R A N D U M**

**TO:** Board of Directors  
**FROM:** Brian Thompson, Government Affairs Administrator  
**DATE:** January 26, 2023  
**RE:** Summary of Authority’s Dec. 15, 2022, Board Meeting

The following is a summary of items discussed at the Authority’s Dec. 15, 2022, Board Meeting.

Directors present and acting were Chair George Gregory, Vice Chair Sarah Smith Hymes, Secretary Kim Bell Williams, Treasurer Geoff Dreyer, and Mick Woodworth. Director Kevin Hillgren was present and acting for the first portion of the meeting until replaced by Alternate Director Mike Towler.

- Linn Brooks Recognition** Directors passed a resolution honoring the service and leadership of outgoing ERWSD general manager Linn Brooks, who is retiring.
- Approval of minutes** Directors approved the Dec. 15, 2022, regular meeting minutes.
- Vacation of Easement** Directors approved a resolution authorizing the vacation of easement at a property in Edwards.
- Water Supply Planning** Linn Brooks presented an overview of the development of Authority and District water rights portfolios and water supply planning model to help directors better understand water rights reports, evaluate risks of water shortage, and guide strategies to protect water supply.
- Backflow Program** Siri Roman said the Backflow Prevention and Cross Connection Control (BPCCC) program achieved compliance on Dec. 2 and highlighted program improvements.
- Director of Operations** Siri Roman said Brad Zachman has been promoted to ERWSD Director of Operations.
- Wastewater infrastructure cost escalation** Siri Roman noted the marked increase in town of Gypsum wastewater rates due to escalating construction costs for a facility upgrade to meet increasingly stringent regulations; this trend is impacting utilities statewide.
- Bolts Lake grant application** Jason Cowles said a Colorado water plan grant application was submitted to the Colorado Water Conversation Board to help support the preliminary design phase of Bolts Lake.
- Proposed 2023 Board meeting schedule** The board reviewed the proposed 2023 meeting schedule and agreed to continue the current schedule of meeting at 8:30 a.m. on the fourth Thursday of Jan. through Oct. and the third Thursday of Nov. and Dec., plus some joint meetings with the District board.

**UPPER EAGLE REGIONAL WATER AUTHORITY 2023 CONTRACT LOG**

<b>Contract No.</b>	<b>Date Executed</b>	<b>Change Order Signed On</b>	<b>Project Name</b>	<b>Contractor</b>	<b>Contract Amt</b>	<b>Project Mgr.</b>	<b>Account No.</b>	<b>Status / Notes</b>
23.20.001	Pending		Avon Drinking Water Facility Low Zone 1 Pump Rebuild	Denver Industrial Pumps, Inc.	\$60,000.00	W. McCaulley	20.1.2.00.00.375	Removal of LZ Pump 1 and transportation to Denver industrial service facility. Repair and Refurbishment of high zone pump 4. Transpiration of high zone pump 4 back from Denver industrial service center and instillation and start up.



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

**Fiscal Year 2022  
Quarterly Financial Report  
For the 4th Quarter Ending December 2022**

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1. Quarterly Financial Report Cover Memo
2. Net Income & Budget Comparisons
3. Revenue Comparisons
4. Bond & Cash Balances



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

**To:** Board of Directors  
**From:** Jim Cannava, Finance Manager  
**Date:** January 18, 2023  
**Re:** Quarterly Financial Reports - YE December 31, 2022

The 4<sup>th</sup> quarter 2022 financial reports are attached. Operating revenues are tracking 4.5% under budget and 4.5% greater than YTD 2021. Revenues are under budget due to customer credits from previous periods, summer consumption is down 9% year-over-year, and annual consumption was down 4% YOY. Operating expenses are 3.5% under budget and 5.6% less than YTD 2021 due to meter purchases and plant repairs and maintenance. Funds for meter purchases are included in the 2023 budget. Bond funds have been consumed and the bond issuance process will begin with information provided in the water master plan update currently underway.



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

**Net Income & Budget Comparisons**

**UERWA**

<b>Operating</b>	<b>Annual Budget</b>	<b>YTD 2022</b>	<b>YTD 2021</b>
Revenue	\$12,846,831	\$12,268,623	\$11,745,896
Expense	\$10,781,061	\$10,406,477	\$11,024,529
<b>Net Income</b>	<b>\$2,065,770</b>	<b>\$1,862,146</b>	<b>\$721,367</b>

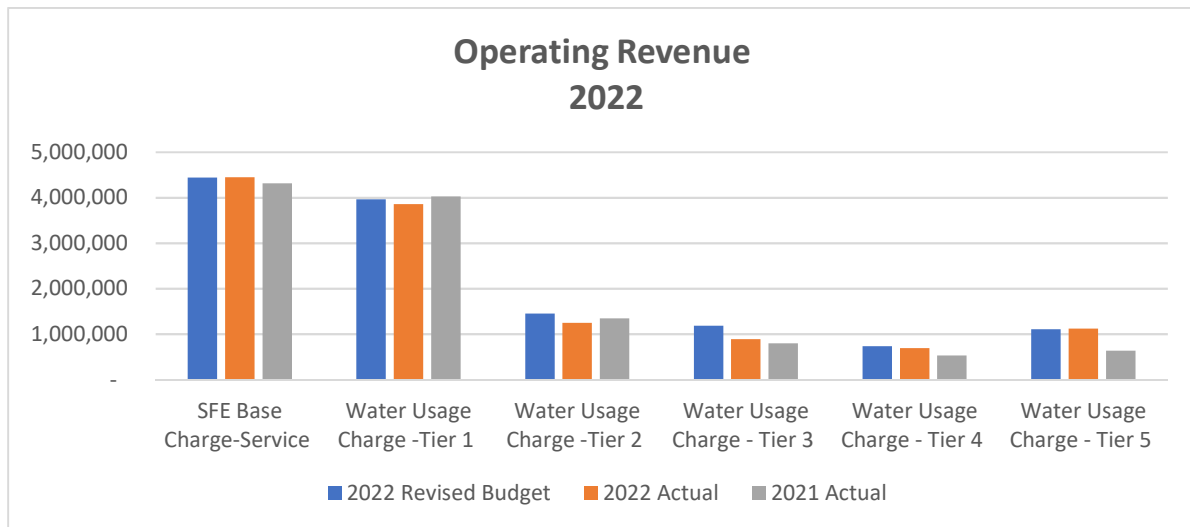
<b>Non-Operating</b>	<b>Annual Budget</b>	<b>YTD 2022</b>	<b>YTD 2021</b>
Revenue	\$3,606,076	\$6,581,673	\$4,534,143
Expense	*\$6,340,534	\$4,523,009	\$3,818,638
<b>Net Income</b>	<b>(\$2,734,458)</b>	<b>\$2,058,663</b>	<b>\$715,505</b>

<b>Net Income</b>	<b>(\$668,688)</b>	<b>\$3,920,810</b>	<b>\$1,436,871</b>
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*\* includes 2021 capital carryforwards*

<b>Fund Balance</b>	<b>Annual Budget</b>	<b>YTD 2022</b>
Beginning Balance	\$6,706,795	\$6,706,795
Ops Fund Contribution to Bolts	(\$2,566,395)	(\$2,566,395)
Net Income	(\$668,688)	\$3,920,810
<b>Ending Balance</b>	<b>\$3,471,712</b>	<b>\$8,061,210</b>

**Revenue Comparison**

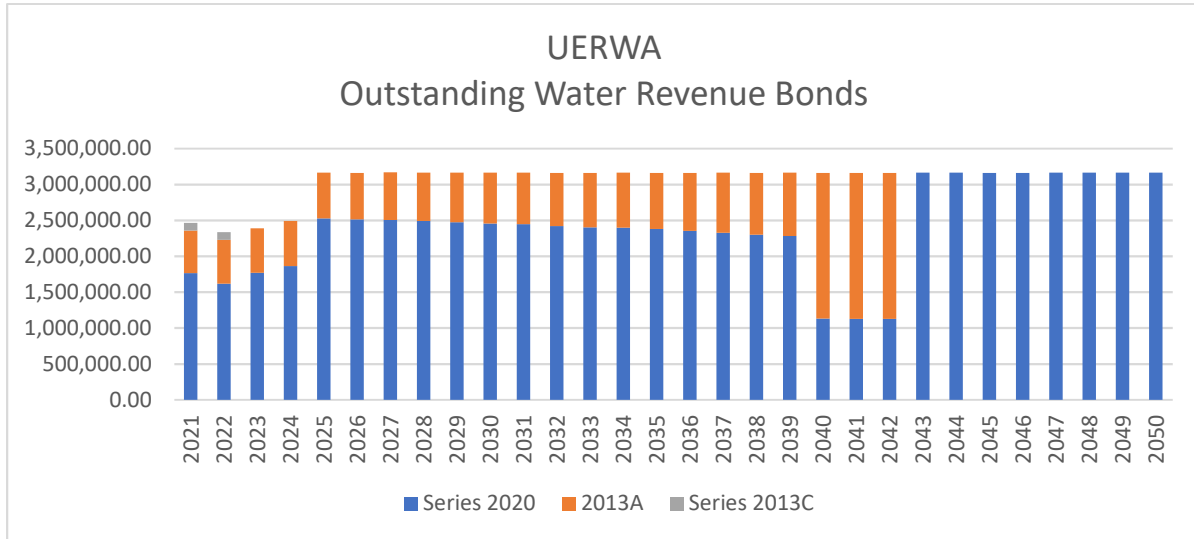


- Total Water Service to Customers Revenue is 4.8% under budget YTD & 5.2% over 2021
  - Base fees are on budget



**UPPER EAGLE REGIONAL  
WATER AUTHORITY**

- Tier revenues are 7.5% under budget due to a 9.7% decrease in irrigation season consumption compared to the 4-year average
- Capital Replacement Base Fees are on budget
- Water Service Impact Fees are \$2.9MM YTD, \$1.4MM over 2021



- Total Outstanding Debt Service: \$90,838,452

**Bond Balances & Cash**

Bond Funds	Budget	2022	2021
Beginning Balance	7,143,902	7,143,902	22,448,842
Operating Fund Contribution to Bolts	2,566,395	2,566,395	
Expense	15,751,494	9,878,667	15,304,940
<b>Bond Balance</b>	<b>(\$6,041,197)</b>	<b>(\$168,370)</b>	<b>\$7,143,902</b>

Bond Projects	Budget	2022	Remaining Budget
Traer Creek Tank Replacement	2,398,352	894,459	1,503,893
Fenno Well House	1,730,705	435,316	1,465,360
Bolts Lake Reservoir	6,333,685	5,996,075	572,131
Arrowhead Trans Main Rehab	1,617,104	285,109	1,530,708
RTU System Upgrade	2,577,090	1,353,765	2,219,653
Edwards Transmission Line Phase 2	1,094,559	913,943	713,463
<b>Total</b>	<b>15,751,494</b>	<b>9,878,667</b>	<b>8,005,208</b>

- The negative bond ending balance illustrates the need for a bond as planned

UERWA	2022	2021	2019
Cash Balance	14,242,235	21,742,153	35,350,768

- Cash balance fluctuations are primarily due to bond proceeds and expenditures



**OPERATIONS MONTHLY REPORT**  
**January 2023**

**WATER**

Brad Zachman

CPDHE's review of the draft letter request that was submitted on Dec. 6 to merge the District and Authority public water system identification numbers (PWSIDs) for regulatory compliance purposes was delayed. The review date has been pushed back to the second quarter of 2023.

Avon Drinking Water Facility (ADWF) operators identified severe corrosion on one of the facility's finished water distribution pumps during an annual routine wetwell inspection. The abnormal corrosion is likely due to improper installation of the protective epoxy coating. The pump was removed from the wetwell on Jan. 17 and transported to a specialty pump contractor for rehabilitation. There are eight finished water distribution pumps at ADWF. One pump is rehabilitated annually as part of the ADWF asset management program.



*Finished water pump corrosion identified during routine wetwell inspection*





*Finished water pump removal and preparation for transport*

LABORATORY & WATER QUALITY

Leah Cribari

Jar testing was performed at the Edwards Wastewater Facility to support the Wastewater Masterplan project. The purpose of jar testing is to evaluate multiple approaches of binding phosphorus to the biosolids and reduce the recycle load to the liquid stream process. Reducing the recycled phosphorus load will be a key component of the Edwards Wastewater Facility's future nutrient removal strategy.

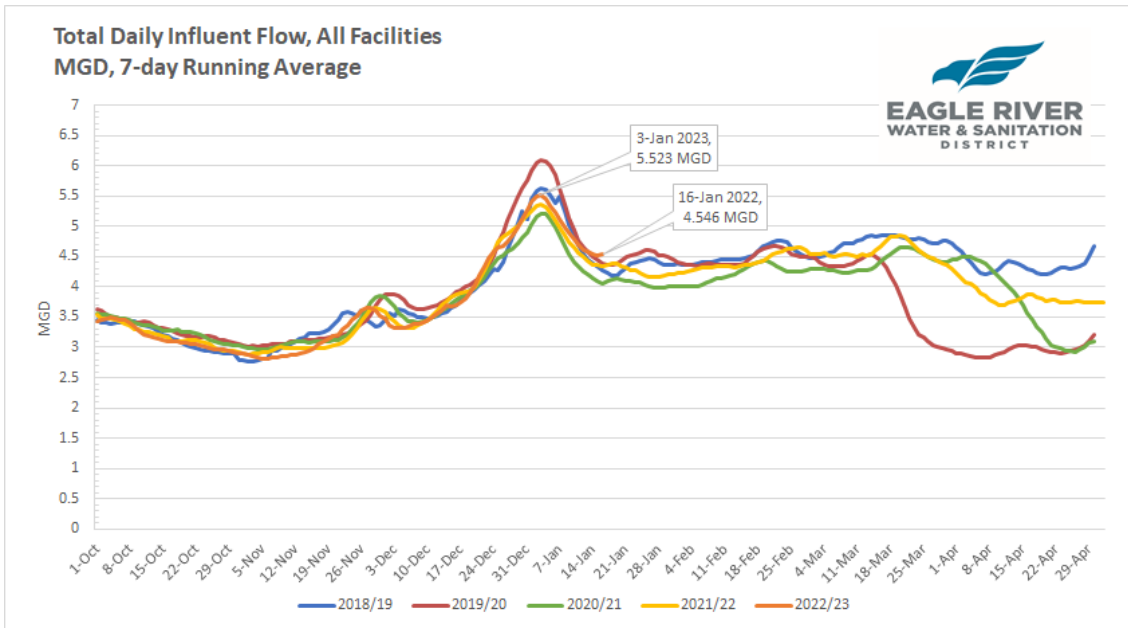


*Jar Testing at Edwards Wastewater Facility*

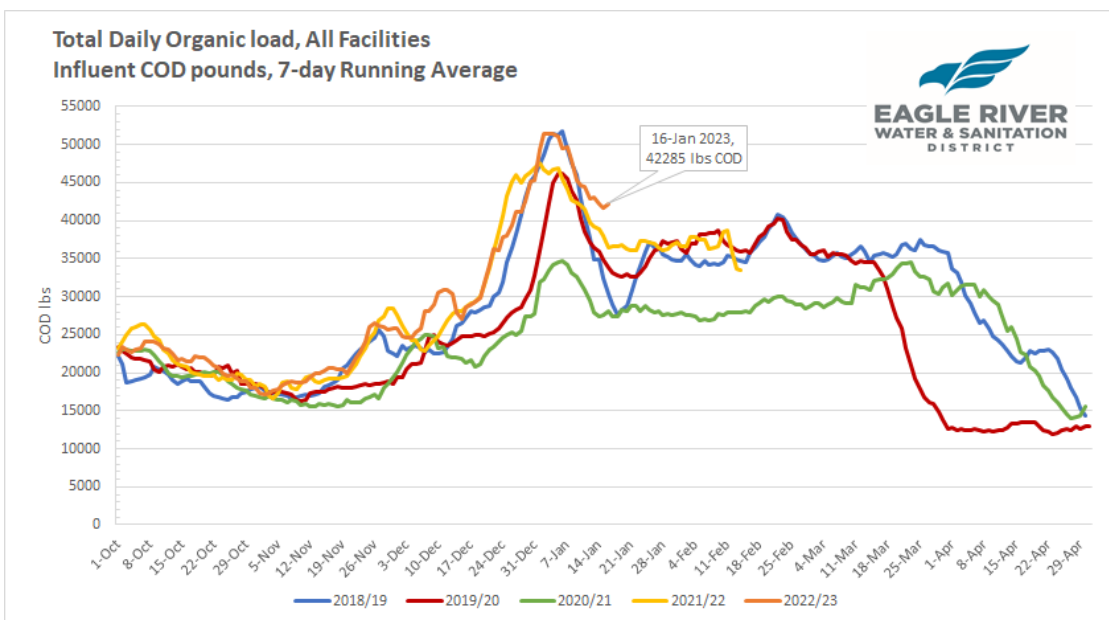
**WASTEWATER**

Rob Ringle

The holiday season brought a significant increase in influent flow and organic loading. Influent flow, as represented by the 7-day average of the cumulative flow recorded at each facility, peaked on Jan. 3 at 5.523 MGD. This is near the 2018/19 (“pre-COVID”) season peak, which occurred on the same day with a value of 5.623 MGD.



Influent organic loading, as quantified by pounds of carbonaceous oxygen demand (lbs COD), has also been trending similar to the 2018/19 season. Following the holiday peak, the 2022/23 loading trend has remained elevated when compared to the trends from recent years.



Wastewater operations efforts have recently been focused on optimizing operations during this challenging time of annual peak loading. Staff members have responded to operational challenges promptly, and all three facilities have maintained regulatory compliance.

Avon Wastewater Facility operations staff members have continued to adapt the facility operations to manage the impact of the Nutrient Upgrade Project. Recent successes include the recommissioning of the Aeration Basin #2 process train to mark the first time that the facility has operated with the full treatment capacity of the newly constructed secondary process. Staff members worked to optimize intermediate mixed liquor return (IMLR) and return activated sludge (RAS) control systems. Operations staff members also contributed to the commissioning and optimization of the new flow equalization and return systems.

The biosolids produced from the Edwards Wastewater facility were sampled for compliance in Dec. 2022. Recent changes to CDPHE regulations pertaining to municipal wastewater biosolids will require quarterly biosolids sampling and analysis for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS/PFOS). A source control plan will be required if results exceed the interim standard of 50 ug/kg. Informational biosolids PFAS/PFOS samples were collected in the fourth quarter of 2022. The analytical results are pending.

The three wastewater facility staff groups have continued to prepare for the upcoming CDPHE Compliance Evaluation Inspection (CEI). Internal audits were recently completed, and staff members are working to address action items. The CEI inspections are expected to occur in the first or second quarter of 2023. District wastewater facilities are typically inspected on a three-year interval in accordance with CDPHE policies.

#### FIELD OPERATIONS

Niko Nemcanin

The Field Operations team is continuing winter operations and has been working to remove snow around fire hydrants and plow snow.

#### UTILITY SERVICES

Shane Swartwout

#### **BPCCC Program**

The BPCCC program maintained regulatory compliance for 2022 and achieved a final testing compliance ratio of 0.92 for the District and 0.93 for the Authority (the regulatory requirement is 0.90). The team is currently focused on testing the backflow prevention assemblies that were not tested in 2022. These devices are required to be tested within the first 90 days of the year (due by Apr. 1). Seasonal (e.g., irrigation) assemblies are required to be tested within 90 days of when the assembly becomes active. A total of 172 assemblies were not tested in 2022. Every non-compliant account is currently being assessed a \$500 fine per assembly per month.

	ERWSD	UERWA	TOTAL
(1) Total No. of Compliance Assemblies	834	1497	2331
(2) No. of Tested Assemblies	764	1395	2159
(3) No. of Assemblies not Tested	70	102	172
<b>(4) Compliance Ratio [= (2) / (1) ]:</b>	<b>0.92</b>	<b>0.93</b>	<b>0.93</b>
Required Compliance Ratio	0.90	0.90	0.90
<b>Tests Required to Reach Compliance</b>	<b>0</b>	<b>0</b>	<b>0</b>

*Final 2022 BPCCC Assembly Test Summary Report*

### Meter Services Program

The meter services team has reached 99% AMI conversion in the District and 86% AMI conversion in the Authority. The team is currently concentrating on upgrading the remaining 26 meters in the District. Once the District conversion is complete, efforts will switch to working on the Authority accounts. The team has restocked the meter inventory and reorganized storage areas in the Avon Wastewater Facility and Vail Administration building.

Report Date:	1/17/2023
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AMI SYSTEM STATUS	ERWSD	UERWA	TOTAL
(1) Total No. of Meters	3194	6818	10012
(2) No. of AMI Meters	3168	5870	9038
(3) System Percentage of AMI Meters	99%	86%	86%
Meters Remaining to Reach 100% AMI	<b>26</b>	<b>948</b>	<b>974</b>

*Advanced Metering Infrastructure (AMI) Status (Updated Jan. 17, 2023)*

### Fleet and Facilities

Eight District vehicles were sold at the government surplus auction in December. The net revenue of the vehicle sales totaled \$106,460.

EAGLE RIVER WATER AND SANITATION DISTRICT VEHICLE AUCTION						
AUCTION VEHICLES	YEAR	MODEL / DESCRIPTION	MILEAGE	AUCTION #	RESERVE PRICE	SALE PRICE
1	2007	Chevy Colorado 4x4	112,434	3158033	\$3,400.00	\$7,100.00
2	2008	Chevy Colorado 4x4	106,421	3158042	\$3,600.00	\$7,200.00
3	2008	Chevy Silverado 4x4	118,297	3159408	\$6,500.00	\$11,200.00
4	2008	Toyota Tacoma, 2-door, 4x4	95,353	3158056	\$4,000.00	\$14,700.00
5	2009	Toyota Camry, V6, 4-door	102,087	3182290	\$4,400.00	\$8,550.00
6	2009	Toyota Camry, V6, 4-door	103,436	3182287	\$4,500.00	\$8,000.00
7	2009	Chevy Colorado 4x4	116,092	6158122	\$4,000.00	\$8,301.00
8	2009	Chevy Silverado 4x4	127,925	3168392	\$6,000.00	\$7,659.00
9	2011	Toyota Camry, V6, 4-door	106,555	3158135	\$4,700.00	\$8,500.00
10	2011	Chevy Silverado 4x4	105,651	3158026	\$6,000.00	\$11,850.00
11	2015	Toyota Rav4, AWD	120,891	3169791	\$4,800.00	\$13,400.00
<b>Net Sales Total:</b>						<b>\$106,460.00</b>

## ENGINEERING

Jeff Schneider

## WATER PROJECTS

**Radio Telemetry Unit (RTU) System Upgrades**

Carter Keller

General Project Scope: This project is a systematic approach to install standardized communication equipment to increase the reliability of the telemetry system throughout the distribution system (82 sites) and develop a standard (i.e., non-proprietary) telemetry platform to allow competitive pricing for upgrades, replacement, and system maintenance. Implementation is anticipated over a three-year period with a highly detailed sequence and schedule to limit distribution system disruptions.

Project Update: Project is complete, closeout documents have been processed.

**Fenno Wellhouse and Raw Water Conveyance**

Jeffrey Schneider/Carter Keller

General Project Scope: The project consists of complete replacement of a small treatment facility in Cordillera that treats water from seven groundwater wells and pumps into the distribution system. The previous facility did not meet electrical code, had safety concerns, and was generally at the end of its useful life. Improvements to the wells and raw water piping are also included in this project.

Project Update: The project team cleared trees and other obstructions in existing utility easements on three well sites to gain access for future inspection and assessment. The Fenno Well F6 pump and motor were pulled for an assessment. The inspection indicated that the equipment needs to be replaced. The project team is currently preparing for the 2023 phase of investigation work and working with a homeowner regarding access and new easements for Fenno Well F7.

**Avon Drinking Water Facility (ADWF) PLC Upgrades**

Jenna Beirsto

General Project Scope: This project includes replacement of two of the programmable logic controllers (PLCs) at the ADWF. Additionally, a new server room will be constructed within the facility. All programming and PLC logic will be reverse engineered to determine required updates and improvements associated with the modification and replacement of the existing PLCs.

Project Update: The first of the electrical and instrumentation and control (I&C) equipment has been delivered to the subcontractor's facility in Denver. Fire Suppression materials have been delivered to ADWF. The project team has started review and initiated follow-up meetings to discuss the control philosophies for future plant operations. The contractor is working through building permit coordination with the Town of Avon. Construction of the server room is expected to kick off in February or March, pending the issuance of a final building permit.

## Water Production and Treatment Masterplan

Jenna Beirsto

General Project Scope: The masterplan will be a wholistic look at all production and treatment facilities system-wide including treatment plants and wells. The goal is to do a thorough risk-based analysis and provide a roadmap for future capital project priorities. The project will include a detailed condition assessment of existing assets and will assess treatment and production threats from climate change, low stream flows, wildfires, etc.

Project Update: The District team is working on gathering remaining missing data for the masterplan data analysis. The team is also considering different growth projection scenarios and exploring big picture projects to address concerns in the water production and treatment systems. The consultant and District have started discussions regarding scoping the remainder of the masterplan work.

## Avon Wastewater Treatment Facility (WWTF) Fire Flow Improvements

Woodson Spring

General Project Scope: The Avon WWTF Fire Flow Improvements consist of two major components. The first is installation of 1,100 linear feet of 12" water main down Millie's Lane and into the Avon WWTF site. The second is modifications within the Avon Drinking Water Facility (ADWF) to transfer water from the high zone to the low zone. The project will bring the Avon WWTF into compliance with fire flow requirements and address a long-standing deficiency.

Project Update: All pipeline work has been completed with some punch list items wrapped into the greater Nutrient Upgrade Project (NUP). Coating subcontractors completed pipe, fitting and floor painting. The surge anticipator valve representative will be at ADWF on Jan. 24 for final adjustment and testing of the new surge anticipators.



*Surge anticipator valve in ADWF pump gallery*

## WASTEWATER PROJECTS

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### Avon Wastewater Treatment Facility Nutrient Upgrades

Jeff Schneider/Jenna Beairsto

General Project Scope: The Avon WWTF requires upgrades to meet Regulation 85, which requires a reduction of the concentrations of nitrogen and phosphorus in the effluent. The scope of this project includes the following: addition of 0.6 million gallons of aeration basin capacity, a new secondary clarifier, structural modifications to the existing aeration basins to remove the existing double-tees and replace with a building structure, a new odor control study and system, and other improvements throughout the facility. This project also includes improvements identified in a 2017 condition assessment in other process areas throughout the facility.

Project Update: The Dec. 15 target date to have both aeration basin treatment trains online and operational was achieved, and the secondary process performed as expected over the busy holiday period. Equalization (EQ) system startup and testing revealed some issues with the control narrative design and is being reworked; the EQ system is running on a temporary timer-based control strategy until the project team can collaborate on a solution. Work in the EQ gallery including installation of stairs, platforms, and an egress ladder is nearly completed. Chemical feed piping in the secondary process areas and chemical storage room is underway, with a below grade tie-in from the aeration basins to the primary clarifier gallery beginning the week of Jan. 16. Epoxy coating systems on process area floors were prepared and installed over the past few weeks, with the IMLR and west RAS gallery floors completed. Additional floor coating work is scheduled to resume the week of Jan. 23. The fencing subcontractor is making progress on the northern and western sides of the property. Fencing installation will suspend while the contractor prepares to construct the new retaining wall along the southern property line above the bike path. The wall construction will require a full closure and detour of the bike path through Avon and is anticipated to begin in early March. The scheduling is coming into place for large additional scope items such as recoating the two existing secondary clarifiers, wall and fencing installation, etc. A portion of the contractor crew is scheduled to begin work on the Lab Improvements project in early February.



*New floor coatings in the west RAS gallery*



*Aerial image of fence installation along western property boundary*

### **Dowd Junction Collection System Improvements**

Jenna Bearsto

General Project Scope: The project consists of four major components, all of which are at the end of their useful lives: the aerial interceptor crossing at Dowd Junction; Lift Station 4, which conveys all of Minturn's wastewater; the aerial interceptor crossing at the Minturn Road bridge; and the force main downstream of Lift Station 4. The project will also include capacity for growth in its respective service areas, most notably the Minturn area improvements.

#### Project Update:

*West Vail Interceptor Aerial Crossing:* Final payment has been issued to the contractor and the project is complete.

*Lift Station 4 and Force Main Replacement:* This project combines three packages of work into one large project. Package A includes the lift station 4 replacement, package B is replacement of the existing force main with two 8" HDPE force mains, and package C in partnership with Eco Trails (Eagle County) to connect the bike trails from the lift station to the West Vail Interceptor crossing. Snow removal and site cleanup occurred over the last month. Major construction is on hold until the spring of 2023.

### **Avon Lab Improvements**

Carter Keller

General Project Scope: A new inductively coupled plasma mass spectrometer (ICP-MS) purchased by the District will be installed in the lab. This will provide improved analytical capability to our internal and external customers. This instrument enables District staff to perform in-house metals analyses that are normally outsourced. Lab and architectural modifications will be constructed, including a new gas cabinet, duct chase, and fume hood. During design, the makeup air unit (MAU) serving the lab was identified to be at the end of its useful life; the HVAC system for the lab and lab offices will also be replaced.



Project Update: A meeting was held with the local fire marshal and the Town of Avon building official to review proper storage location for the new compressed gas needed for the ICP-MS fume hood. Demolition work is scheduled to begin in early February, followed by the construction of electrical upgrades to the new Makeup Air Unit (MAU) and fume hood.

### **Vail Wastewater Treatment Facility (VWWTF) Master Plan Improvements** Mark Mantua

General Project Scope: A condition assessment of the Vail WWTF conducted as part of the 2017 Master Plan identified various upgrades required to keep the facility in reliable and operable condition. The scope includes a new, larger diesel generator and associated electrical, 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: The project is on a winter hiatus until Phase II of the project begins in spring 2023. The contractor is working to provide a 90% guaranteed maximum price (GMP) estimate for the cost of the work. The design engineer is working to issue 100% plans for Phase II of the project. The electrical subcontractor performed significant investigation and cleanup of conduit and wire in the aeration basin room to allow for structural repairs to occur in spring. The project team has been collaborating on submittals and coordination on the ultraviolet (UV) disinfection system equipment and the procurement is on track. District staff is preparing for a wastewater bypass of Vail WWTF that is required for the Phase II construction. The District team has scheduled a test bypass to ensure the capacity of the system before Phase II begins.

## **GENERAL CAPITAL**

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### **Fleet Maintenance Facility**


**Mark Mantua**

General Project Scope: The District's fleet maintenance shop, which is currently located at the Avon Wastewater Treatment Facility (WWTF), needs to be relocated before a planned administrative expansion project can be initiated. The scope of this preliminary planning project is to define a conceptual footprint for the building and identify possible site locations.

Project Update: The consultant developed a conceptual-level site plan for a proposed facility located on the east side of the Edwards Wastewater Treatment Facility. The team is currently working with Eagle County to define wetland setback requirements for the site. The team is also beginning to evaluate alternative building sites at the Hillcrest site (in Edwards) and the Avon WWTF.



## MEMORANDUM

**TO:** District and Authority Boards of Directors  
**FROM:** Jason Cowles, P.E.   
**DATE:** January 18, 2023  
**RE:** Engineering & Water Resources Report

### **Unallocated Water Update**

LRE Water's modeling to support the District and Authority Water Rights reports updates has been completed. We will present the findings to the Boards at the February meetings.

### **Bolts Lake Colorado Water Plan Grant**

Shannon and Wilson (S&W) continue to review and analyze information from the geotechnical field investigations that were completed at the reservoir site last fall. S&W also had preliminary design consultations with the Colorado Division of Water Resources Dam Safety Division to discuss reservoir design parameters as they begin the preliminary design effort. The schedule for preliminary design has been modified to allow time for collection and incorporation of groundwater data following this year's runoff. We are on track to have a pre-consultation meeting with the Army Corps of Engineers in the fall of 2023, but preliminary plans and specifications will likely push into spring of 2024 to design groundwater management systems.

We will update the Boards on our Colorado Water Plan grant application in March once we receive word from the Colorado Water Conservation Board. In other potential funding news, an amendment introduced by Senator Risch of Idaho was passed by the US Senate in the FY23 Omnibus spending bill that modified the Bureau of Reclamation's Small Storage Program limits in the Infrastructure Investment and Jobs Act (aka "the Bipartisan Infrastructure Law"). The Small Storage Program will now apply to reservoirs between 200 and 30,000 acre feet in size. We will begin work on preparing the necessary feasibility study so that we're ready to apply when the Bureau publishes their notice of funding opportunity later this year.

### **Water Resources Update**

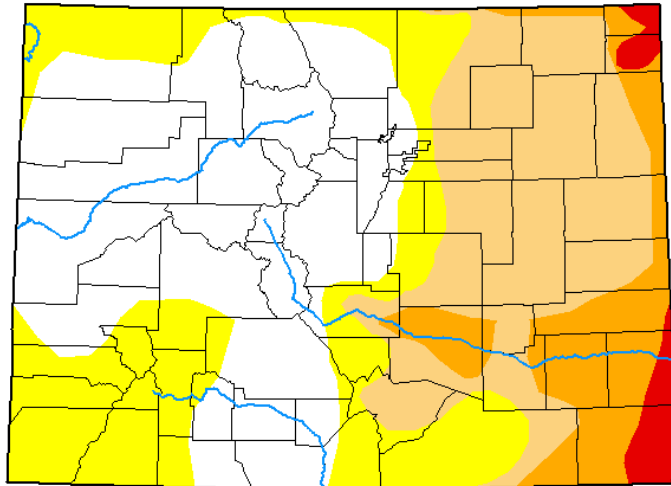
The latest U.S. Drought Monitor map for Colorado is shown below in Figure 1. A majority of the western slope has been removed from drought status with the remaining portions in the abnormally dry category. Eagle County has been removed from drought status as a result of recent snowfall.

Figure 1: US Drought Monitor, Colorado January 12, 2023 (National Drought Mitigation Center).

## U.S. Drought Monitor Colorado

**January 10, 2023**

(Released Thursday, Jan. 12, 2023)  
Valid 7 a.m. EST



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	39.98	60.02	35.67	12.28	2.28	0.04
<b>Last Week</b> <i>01-03-2023</i>	39.97	60.03	33.83	12.28	1.91	0.01
<b>3 Months Ago</b> <i>10-11-2022</i>	23.00	77.00	43.01	13.55	3.09	0.57
<b>Start of Calendar Year</b> <i>01-03-2023</i>	39.97	60.03	33.83	12.28	1.91	0.01
<b>Start of Water Year</b> <i>09-27-2022</i>	15.46	84.54	45.65	15.47	3.73	0.57
<b>One Year Ago</b> <i>01-11-2022</i>	0.00	100.00	88.32	65.93	20.59	0.00

*Intensity:*

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

*Author:*

Richard Tinker  
CPC/NOAA/NWS/NCEP



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

I've decided to forgo posting the NOAA Climate Prediction Center's seasonal three-month drought outlook maps this month because they're no longer relevant. NOAA released an updated assessment of the seasonal drought outlook for January noting that more recent modeling is indicating heavy precipitation across the western US, which was not the case when the maps were originally produced in mid-December. Current 8-14 day temperature and precipitation outlooks are shown in Figures 2 and 3. Near term modeling, which is generally more accurate, indicates a high probability that temperatures will be below normal and precipitation will be near normal through the end of the month.

Figure 2: 8-14 Day Temperature Outlook January 17, 2023 (NOAA Climate Prediction Center).

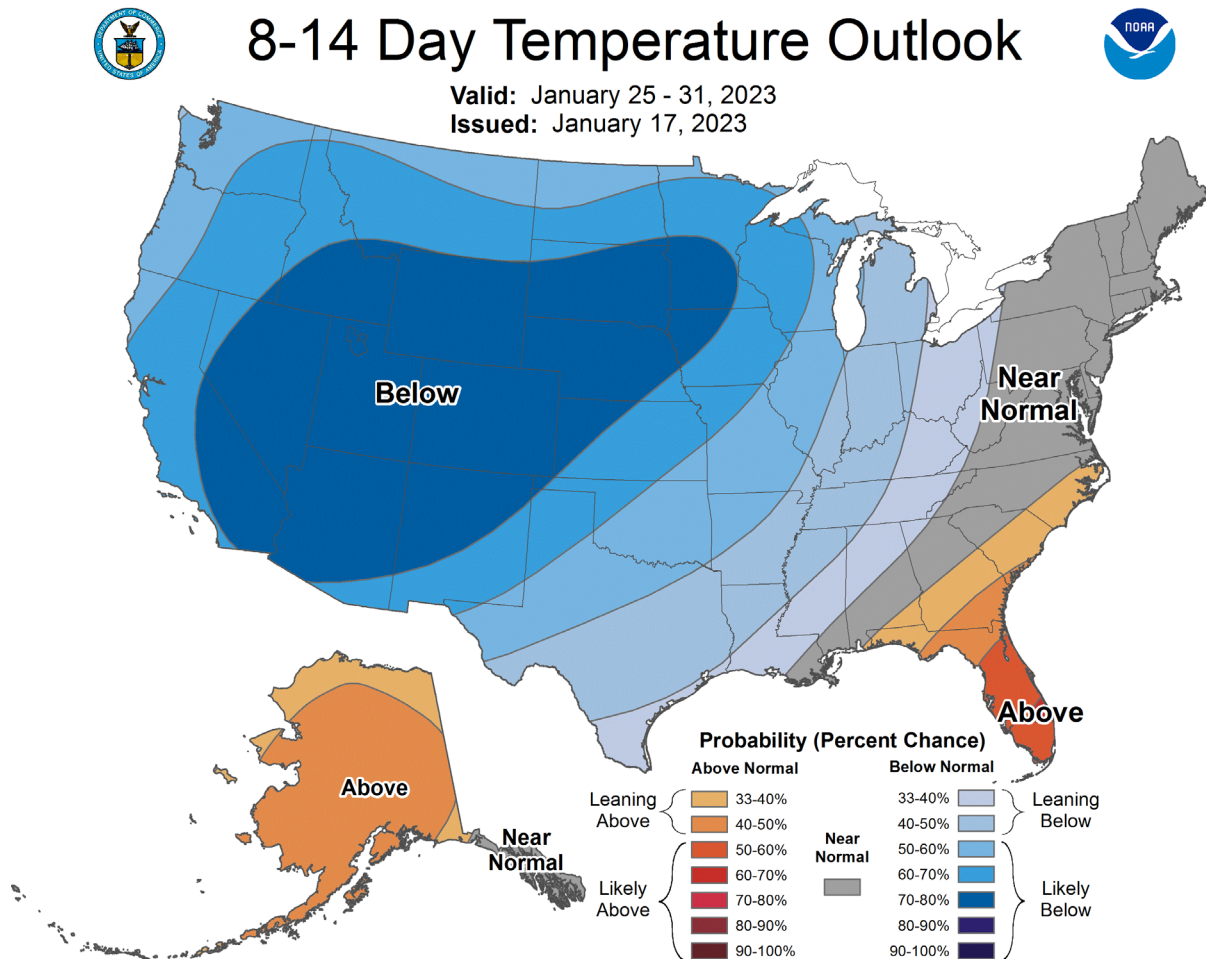
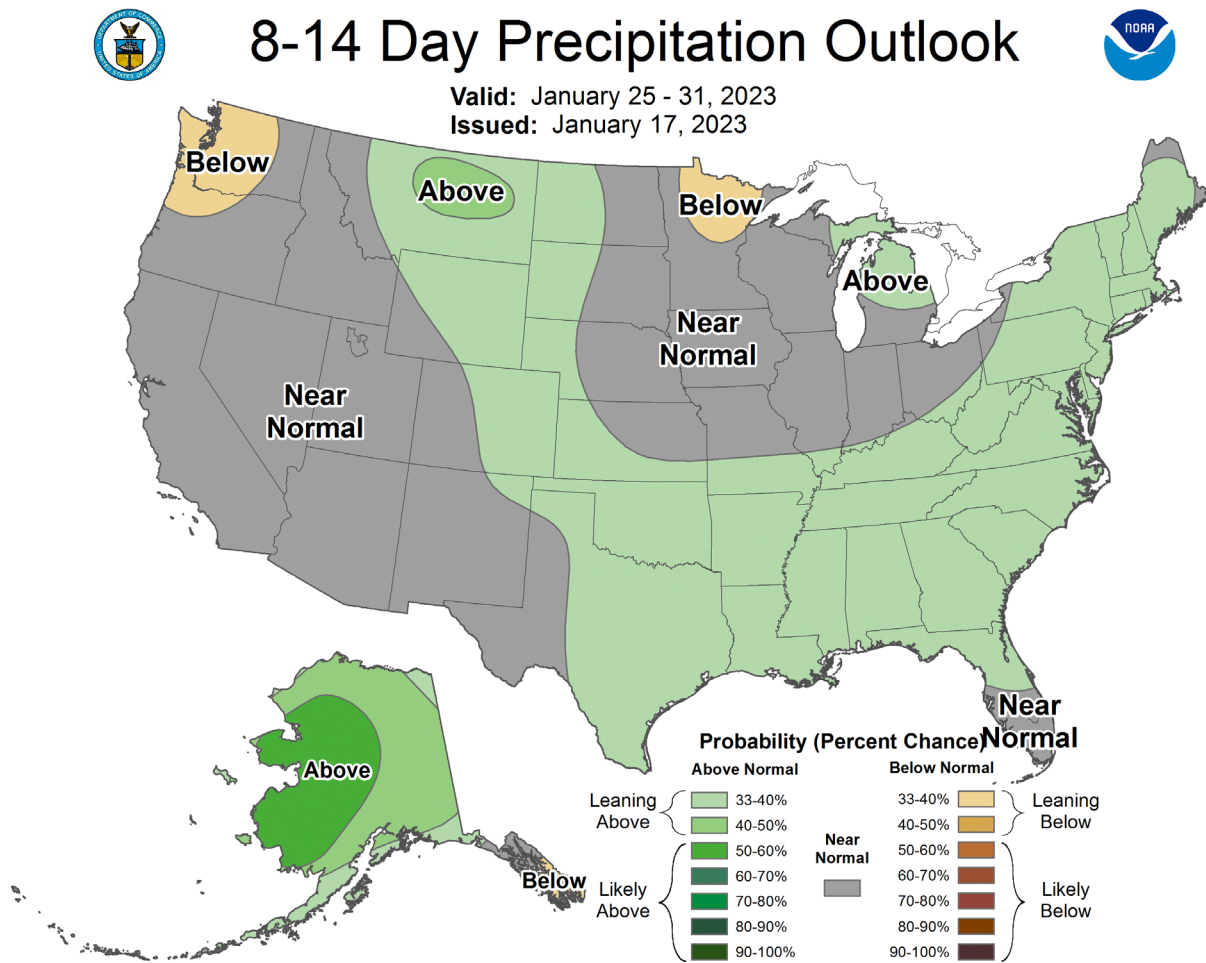


Figure 3: 8-14 Day Precipitation Outlook January 17, 2023 (NOAA Climate Prediction Center).



Snow Water Equivalent (SWE) graphs at the Vail Mountain and Freemont Pass SNOTEL sites are shown in Figures 4 and 5 respectively. The Vail Mountain Snotel site is 126% of median for this date with 11.8 inches of SWE. The Freemont Pass Snotel site continues to lag the Vail site but is approaching normal for this date at 95% of median with 8.0 inches of SWE. Overall snowpack conditions on the Western Slope have improved dramatically with the upper Colorado River headwaters at 132% of normal (Figure 6).

Figure 4: Snow Water Equivalent at Vail Mountain SNOTEL, January 18, 2023 (USDA).

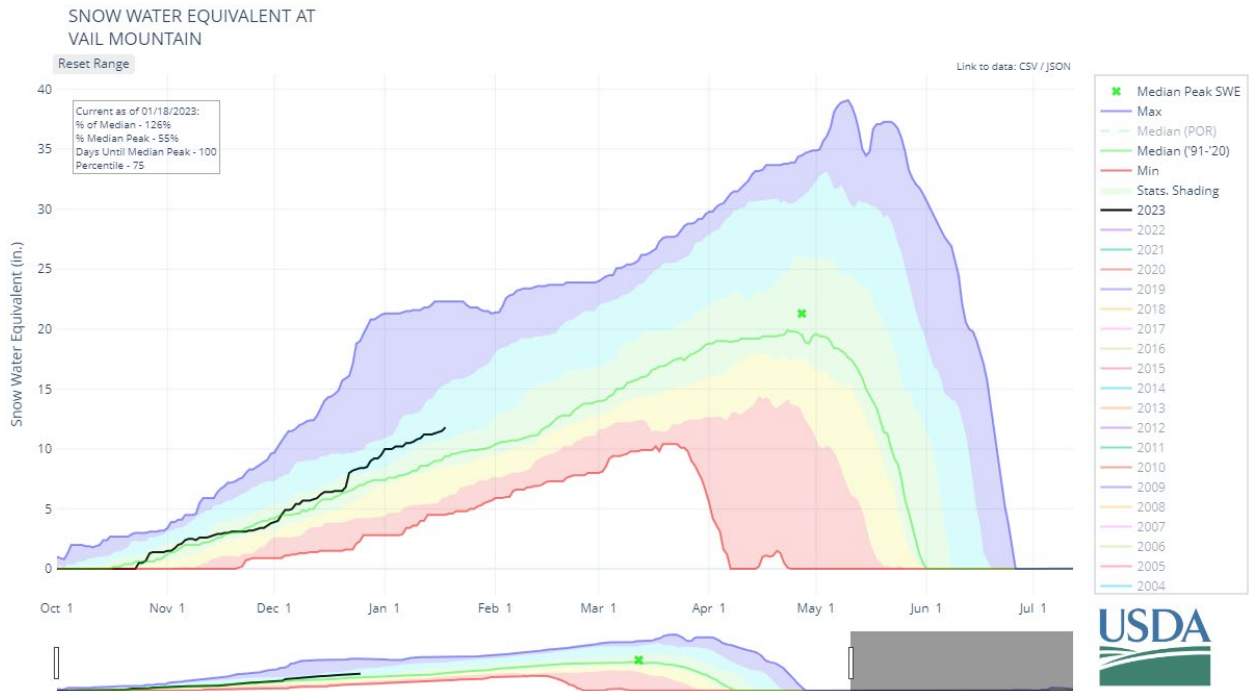


Figure 5: Snow Water Equivalent at Fremont Pass SNOTEL, January 18, 2023 (USDA).

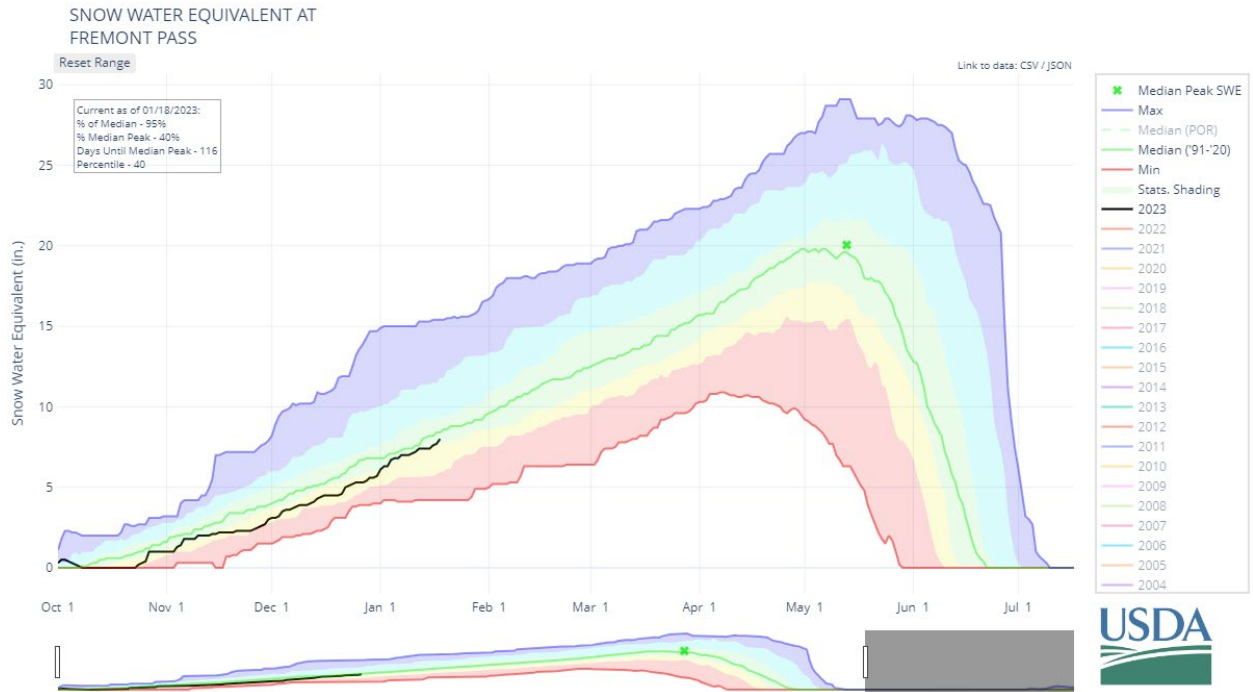
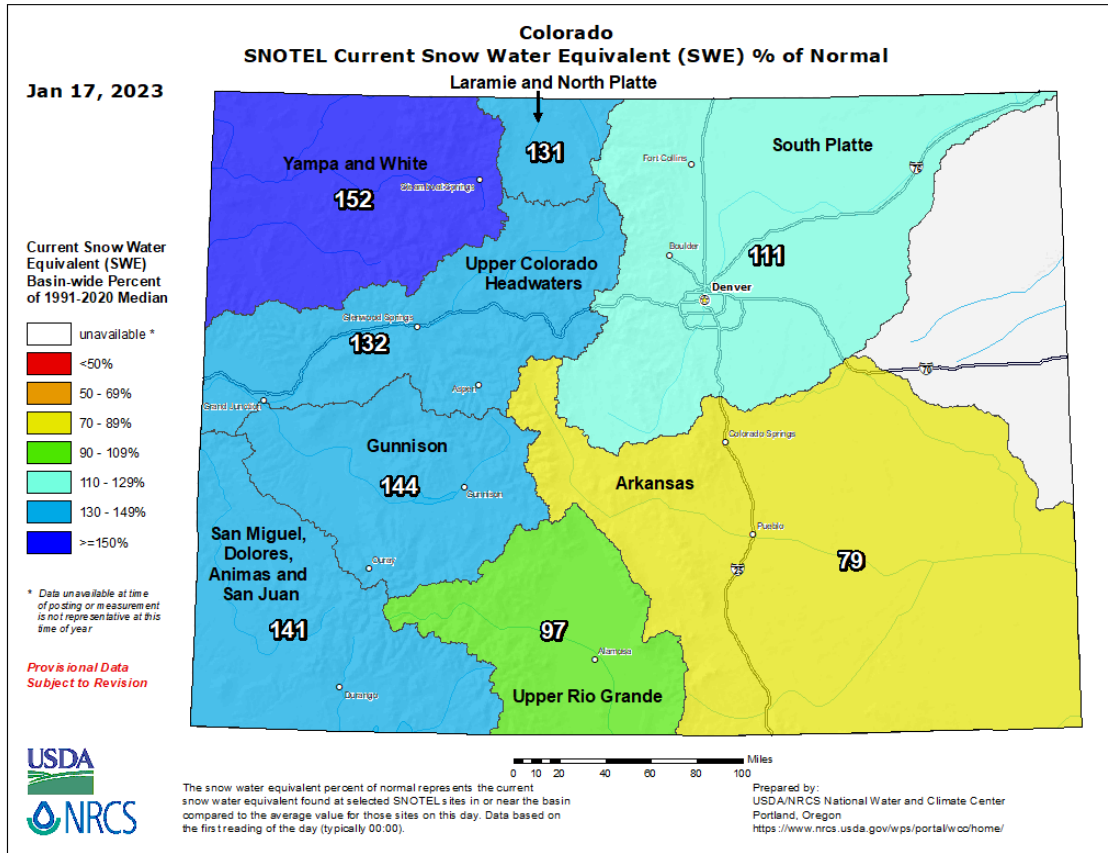


Figure 6: Colorado Current Snow Water Equivalent (SWE) % of Normal January 17, 2023 (USDA).







## MEMORANDUM

**TO:** Boards of Directors  
**FROM:** Diane Johnson, Communications & Public Affairs Manager  
**DATE:** January 26, 2023  
**RE:** Communications and Public Affairs Report

### 2023 Colorado Legislative Session

The first regular session of the 74<sup>th</sup> Colorado General Assembly convened Jan. 9 and is scheduled to adjourn May 8. Eagle County is now in Senate District 8, represented by Dylan Roberts, and in a reconfigured House District 26, represented by Meghan Lukens. They both serve on committees that handle water matters. Roberts chairs the Senate Agriculture & Natural Resources committee while Lukens serves on the House Agriculture, Water & Natural Resources committee. Roberts also serves on the Senate's Committee on Legal Services, Local Government & Housing, and Judiciary, while Lukens serves on House Education. Both the Colorado House and Senate have Democratic majorities; the state House is a 46-19 majority and the state Senate's majority is 23-12.

We will monitor the session as in previous years: via legal counsel, the River District, NWCCOG QQ, Colorado Water Congress, the Special District Association, and industry groups.

As discussed in December, district staff initiated legislation to require "Do Not Flush" labeling on wipes that were not designed to be flushed down a toilet. Senator Roberts took up this issue, and staff and legal counsel are actively involved in this legislation. A full update is available under the Water Counsel report.

### Colorado River District

Eagle County Commissioner Kathy Chandler-Henry continues to serve as Eagle County's representative on the Colorado River Water Conservation District board of directors. At the River District's Jan. 17 board meeting, she was elected board President. Montrose County rep Marc Catlin was elected Vice President. The River District board approved several Community Funding Partnership applications, including one by the Eagle County Conservation District for a \$191,554 grant request to implement a "Water Efficient Landscape Conversion Program" (i.e., turf removal). The project is intended to be a three-year pilot co-led by the ECCD and the Eagle River Watershed Council "to establish a non-functional turf replacement and irrigation upgrade rebate program" and offering a minimum of \$1 per square foot rebate to replace grass. This program could enhance the district's turf replacement rebate along with other rebate programs that may be available (i.e., CWCB, Edwards Metro).

### Colorado River Basin

The crisis in the Colorado River Basin continues and there is no shortage of media stories. Included is an old story (March 2022) about Rio Verde Foothills, AZ, which has more background about Scottsdale's recent decision to stop supplying water, along with a story about a new water intake for Page, AZ.

### Attachments (or hyperlinks):

1. Mar. 10, 2022, Grist: [How the West's megadrought is leaving one Arizona neighborhood with no water at all](#)
2. Jan. 15, KSL.com: [New water intake system installed at Glen Canyon Dam as Lake Powell nears record low](#)



1155 CANYON BOULEVARD, SUITE 110, BOULDER, CO 80302  
OFFICE: 303-449-2834 FAX: 720-535-4921  
SOMACHLAW.COM

## MEMORANDUM

TO: Upper Eagle Regional Water Authority Board of Directors  
FROM: Kristin Moseley  
SUBJECT: Upcoming Conditional Water Rights Proceedings  
DATE: January 18, 2023

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As you know, conditional water rights are decreed with a fixed appropriation date but have not yet been made absolute by virtue of being placed to beneficial use. An application for a finding of reasonable diligence must be filed with the Water Court every six years after the last diligence decree was entered in order to maintain conditional water rights. The diligence application must detail sufficient activities undertaken towards development of the conditional water right or evidence that the water right has been made absolute. Failure to file diligence applications by their required due dates or failure to prove adequate diligence activity results in the conditional water rights being permanently cancelled. Accordingly, we and District staff closely monitor and docket diligence deadlines and diligence activities. Attached is a current chart of diligence deadlines for all of the Authority's conditional water rights. For 2023, the Authority has the following diligence deadlines:

1. Case No. 15CW3032 – Lake Creek Wells Nos. 1-6. **Deadline:** February 2023.
2. Case No. 04CW23, 98CW007 – SCR Diversion Point No. 7, Eagle River Diversion Points Nos. 2 and 3. **Deadline:** March 2023.
3. Case Nos. 16CW3131, 09CW17, 98CW270 – Roaring Fork Exchanges & Homestake Exchanges. **Deadline:** June 2023.
4. Case Nos. 06CW248, 00CW76 – Squaw Creek Recreation Reservoir Nos. 6 and 7. **Deadline:** November 2023.
5. Case Nos. 16CW3067, 07CW83 – Metcalf Ditch Headgate, Raw Water Booster Pump, Village (At Avon) Lake Nos. 1 and 2. **Deadline:** November 2023.

**Upper Eagle Regional Water Authority  
Conditional Water Rights**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
Lake Creek Wells 1-6	3.1 cfs individually and cumulatively	<b>15CW3032</b>	February 2023
UERWA Pipeline (aka UERWA Point A)	11.6 cfs	<b>17CW3167</b> 10CW233 04CW22 93CW291	June 2024
Wolford & Ruedi Exchange	10 cfs	<b>18CW3216</b> 09CW192	May 2025
Wolford & Ruedi Exchanges for Metcalf Headgate, Raw Water Booster Pump Headgate, UERWA Point A, Edwards Water Dist. Well No. 2, June Creek Ranch Well Nos. 2, 4, & 6, Wellfield described therein, & Edwards Water Facility	10 cfs up to 200 acre-feet per 12 month period	<b>11CW92</b>	Diligence Pending in Case No. 20CW3080

**Arrowhead Metropolitan District and Smith Creek Metropolitan District**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
Arrowhead Dam <i>(alt pts of diversion decreed in 86CW002 - 3rd, 4th, 5th, 8th, &amp; 17th Green Ponds)</i>	73 af of the 500 af <i>(43 af of the 73 af was made absolute for irrigation only in 94CW/04)</i>	<b>20CW3081</b> 11CW142 01CW15 93CW103 88CW175	March 2027

**Berry Creek Metropolitan District**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
June Cr. Ranch Well No. 1	0.1114 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW268 84CW200	March 2027

June Cr. Ranch Well No. 2	.802 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW268 84CW200	March 2027
June Cr. Ranch Well No. 3	0.2227 cfs	<b>20CW3081</b> 11CW142 93CW103 88CW268 84CW200	March 2027
June Cr. Ranch Well No. 4	0.2227 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW268 84CW200	March 2027
June Cr. Ranch Well No. 5	0.2227 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW268 84CW200	March 2027
June Cr. Ranch Well No. 6	0.379 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW268 84CW200	March 2027

**Cordillera Metropolitan District**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
Stag Gulch Wellfield	200 gpm conditional Out of 450 gpm total	<b>05CW23</b> 98CW008	August 2027
SCR Diversion Pt. No. 7	5.0 cfs	<b>04CW236</b> 98CW007	March 2023
Eagle River Diversion Pt. No. 2	4.53 cfs	<b>04CW236</b> 98CW007	March 2023
Eagle River Diversion Pt. No. 3	5.0 cfs	<b>04CW236</b> 98CW007	March 2023
Squaw Creek Recreation Reservoir No. 6	10 af	<b>06CW248</b> 00CW76	November 2023
Squaw Creek Recreation Reservoir No. 7	10 af	<b>06CW248</b> 00CW76	November 2023

Cordillera Reservoir No. 1	10 af <i>(7.5 af of the 10 af was made absolute for irrigation, augmentation, replacement, exchange, stockwatering, recreation, and fire protection in 96CW231)</i>	<b>17CW3192</b> 10CW182 03CW163 96CW231 87CW309	June 2024
Cordillera Reservoir No. 2	10 af	<b>17CW3192</b> 10CW182 03CW163 96CW231 87CW309	June 2024
Cordillera Reservoir No. 3	10 af	<b>17CW3192</b> 10CW182 03CW163 96CW231 87CW309	June 2024
Cordillera Reservoir No. 4	10 af	<b>17CW3192</b> 10CW182 03CW163 96CW231 87CW309	June 2024
Cordillera Reservoir No. 5	10 af	<b>17CW3192</b> 10CW182 03CW163 96CW231 87CW309	June 2024
Cordillera Reservoir No. 6	10 af	<b>17CW3192</b> 10CW182 03CW163 96CW231 87CW309	June 2024
SCR Diversion Pt. No. 1	5.0 cfs	<b>17CW3192</b> 10CW182 96CW270 03CW165 89CW218	June 2024

**Eagle-Vail Metropolitan District**

Name of Structure	Amount Conditional	Prior Diligence Decrees	Next Diligence Due
Eagle-Vail Municipal Water System	2.332 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW375 83CW300	March 2027

APPENDIX 2

Edwards Metropolitan District

Name of Structure	Amount Conditional	Prior Diligence Decrees	Next Diligence Due
Conditional Exchange for Metcalf Ditch, Raw Water Booster, Edwards Drinking Water Facility, Nottingham and Puder Ditch, Village at Avon Lakes 1 and 2, and Avon Wells as augmented by Wolford and Ruedi Reservoirs	Exchange Rate 0.44 cfs	<b>18CW3146</b> 12CW92 03CW78	August 2025
Edwards Drinking Water Facility Diversion	0.40 cfs	<b>19CW3079</b> 02CW403	July 2028
Edwards Water District Well No. 2	0.115 cfs <i>(out of 0.44 cfs)</i>	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW176	March 2027
Edwards Water District Well No. 3	0.44 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW176	March 2027
Edwards Village Municipal Pipeline	0.148 cfs <i>(out of 0.89 cfs)</i>	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW176	March 2027
Creamery Ditch, Homestead Enlargement	5.0 cfs	<b>20CW3081</b> 11CW142 01CW015 93CW103 89CW215	March 2027
Edwards Village Pond No. 1	2.4 af	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW176	March 2027
Edwards Village Pond No. 2	1.7 af	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW176	March 2027
Edwards Village Pond No. 3	0.7 af	<b>20CW3081</b> 11CW142 01CW015 93CW103 88CW176	March 2027

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Edwards Village Pond No. 4	0.7 af	20CW3081 11CW142 01CW015 93CW103 88CW176	March 2027
Edwards Village Pond No. 5	0.5 af	20CW3081 11CW142 01CW015 93CW103 88CW176	March 2027
Homestead Reservoir	20.0 af	20CW3081 11CW142 01CW015 93CW103 88CW176	March 2027
Williams Reservoir	8.0 af	20CW3081 11CW142 01CW015 93CW103 88CW176	March 2027

**Town of Avon**

Name of Structure	Amount Conditional	Prior Diligence Decrees	Next Diligence Due
HA Nottingham & Sons Water Treatment & Storage Project <i>(aka Nottingham Domestic Pipeline)</i>	3.0 cfs	20CW3081 11CW142 01CW015 93CW103 92CW076	March 2027
Avon Metropolitan Municipal Water System	1.0 cfs (out of 5.0 cfs)	20CW3081 11CW142 01CW015 93CW103 90CW186 86CW200 82CW217	March 2027
Avon Metropolitan Municipal System 1st Enlargement	5.0 cfs	20CW3081 11CW142 01CW015 93CW103 <sup>1</sup> 84CW225	March 2027

<sup>1</sup> Court entered an order confirming timely filing of diligence for the Avon Metropolitan Municipal Water System First Enlargement on October 18, 1994 in both Case No. 82CW225 and 93CW103.

APPENDIX 2

**Traer Creek Metropolitan District**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
Metcalf Ditch Headgate	3.343 cfs	16CW3067 07CW83	November 2023
Raw Water Booster Pump	3.333 cfs	16CW3067 07CW83	November 2023
The Village (at Avon) Lake No. 1	27 af <i>(combined w/ Lake No. 2)</i>	16CW3067 07CW83	November 2023
The Village (at Avon) Lake No. 2	27 af <i>(combined w/ Lake No. 1)</i>	16CW3067 07CW83	November 2023

**Eagle Park Reservoir Company**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
Homestake Exchange	52.5 cfs, Wolford & Green Mountain 100 cfs, Ruedi	18CW3215 09CW28	November 2025
Pando Feeder Canal & East Fork Pumping Plant Exchange	80 cfs & 80 cfs, respectively	11CW77 03CW211 03CW41	March 2028
Eagle Park Reservoir & Eagle Park Reservoir First Enlargement	2,152 af & 22,300 af, respectively	19CW3145 13CW11 04CWI38 04CW163	March 2028

**Homestake Partners**

<b>Name of Structure</b>	<b>Amount Conditional</b>	<b>Prior Diligence Decrees</b>	<b>Next Diligence Due</b>
Roaring Fork Exchanges & Homestake Exchanges	400 cfs, up to annual amount of 800 acre-feet for both	16CW3131 09CW17 98CW270	June 2023