10.d Proposed Acquisition of an Interest in the Shoshone Water Rights for Instream Flow Use on the Colorado River

Rob Viehl, Chief Kaylea White, Senior Water Resource Specialist



COLORADO Colorado Water Conservation Board Department of Natural Resources



Acquisition Process, Proposal, Board Factors Rob Viehl and Kaylea White, CWCB

Background, Project Support, and Funding

Andy Mueller and Amy Moyer, CRWCD

TODAY'S PRESENTERS

Water Right Owner

Brad McCloud, Public Service Company of CO

Colorado River Administration

James Heath, DWR

CPW Recommendation

Katie Birch and Kendall Bakich, CPW



STAFF RECOMMENDATION

- No formal action is required at this time
- This agenda item starts the 120-day period for Board Review





ISF ACQUISITIONS

The Board can accept several types of ISF acquisitions for water, water rights, or interests in water, for various durations including temporary, long-term, and permanent acquisitions.

- 37-92-102(3) C.R.S Permanent Acquisitions operate under the jurisdiction of the Water Court;
- This will require the CWCB, River District, and PSCo file a joint water court application to change the water rights to add ISF use



CWCB ACQUISITION PROCESS & TIMELINE



Agenda 10 d.

REQUIRED NOTICES & REQUESTS

- Notices
 - Board Meeting Notice
 - ISF mailing list, SEO SWSP list
- Requests for recommendation
 - USDA, USDOI, CPW
- CPW recommendation letter & report





CWCB ACTIONS TO DATE

- September 2023 CRWCD applied for a non-reimbursable project towards purchase of the Shoshone Water Rights
- January 2024 CWCB Shoshone Permanency Workshop
- January 2024 CWCB unanimously approved funding \$20 million
- May 2024 Projects Bill HB 24-1435 approved



SHOSHONE ACQUISITION PROPOSAL



THE PROPOSAL

- 1. River District will purchase the Shoshone Water Rights and maintain ownership.
- 2. PSCo will hold a lease for hydropower use.
- 3. CWCB will hold a perpetual lease for the exclusive right to use the

water rights for ISF use in the Shoshone Reach when water is not

being fully used, or is only partially used for hydropower.



SHOSHONE WATER RIGHTS

Priority Date*	Appropriation Date	Adjudication Date/ Water Court Decree	Decreed Rate of Diversion & Diversion Rate Intended to Change
December 5, 1905	January 7, 1902	December 9, 1907 Civil Action Nos. 466 and 553	1,250 cfs
May 31, 1940	May 15, 1929	February 7, 1956 Civil Action No. 1123	158 cfs

TOTAL 1,408 cfs



*Priority Date is not a decree date, but rather is a date used by DWR for administration.

SHOSHONE WATER RIGHTS

Shoshone Diversion Dam



Shoshone Outlets





National Library of Congress

National Library of Congress



Shoshone Water Rights Preservation May 21, 2025





ABOUT SHOSHONE WATER RIGHTS

 Large and senior non-consumptive rights on the Colorado River – 1250 cfs under a 1902 right & 158 cfs under a 1929 right

- Historical flow regime providing ecosystem, habitat, recreational, agricultural & economic benefits.
- Foundational to water management across the state.



The Shoshone Water Rights Preservation Project

WILL

protect the historical flow regime of the river. WILL NOT

enlarge the Shoshone Water Rights.

The Western Slope is working to develop a solution that mimics the historical use of the Shoshone Water Rights to preserve the state of the river that we have known for the last 120 years.



A Coalition to Permanently Protect Shoshone's Flows

For over 20 years, the Colorado River District and a coalition of western Colorado governments and water entities have been working together to find a way to permanently preserve the Shoshone flows.

Colorado River Cooperative Agreement Finalized

2013

Western slope entities, along with Denver Water, memorialize the need to



protect the Shoshone flows.

Coalition thoroughly examines various paths toward Shoshone permanency and funding solutions.

2023

Purchase and Sale Agreement Signed

In December 2023, the Colorado River District and Public Service Company of CO enter into an agreement to transfer ownership of the water rights for \$99 million.



Purchase and Sale Agreement

Signed by Xcel Energy and Colorado River District in 2023 for \$99 million

Negotiating an Instream Flow Agreement between PSCo, CRD, and CWCB

Successful completion of a change case in water court

Anticipated Closing in 2027

Ongoing fundraising with support from local, state, and federal partners Approval from Colorado's Public Utility Commission



SHOSHONE WATER RIGHT PRESERVATION COALITION

FINANCIAL COMMITMENTS - \$97 MILLION

BUREAU OF RECLAMATION STATE OF COLORADO COLORADO RIVER DISTRICT

MAINSTEM COUNTIES: SUMMIT - GRAND - EAGLE GARFIELD - MESA - PITKIN



- BASALT WATER CONSERVANCY DISTRICT
- CITY OF GLENWOOD SPRINGS
- CITY OF GRAND JUNCTION
- CITY OF RIFLE
- CLIFTON WATER DISTRICT
- CLINTON DITCH AND RESERVOIR COMPANY
- COLORADO MESA UNIVERSITY
- DE BEQUE SOIL CONSERVATION DISTRICT
- EAGLE RIVER WATER AND SANITATION DISTRICT
- EAGLE PARK RESERVOIR COMPANY
- GRAND VALLEY IRRIGATION COMPANY
- GRAND VALLEY POWER
- GRAND VALLEY WATER USERS ASSOCIATION
- KOBE WATER AUTHORITY
- MESA COUNTY IRRIGATION DISTRICT
- MIDDLE PARK WATER CONSERVANCY DISTRICT
- ORCHARD MESA IRRIGATION DISTRICT
- PALISADE IRRIGATION DISTRICT
- SNOWMASS WATER AND SANITATION DISTRICT
- TOWN OF BASALT
- TOWN OF DE BEQUE
- TOWN OF NEW CASTLE
- TOWN OF PARACHUTE
- TOWN OF SILT
- TOWN OF SILVERTHORNE
- UPPER EAGLE REGIONAL WATER AUTHORITY
- UTE WATER CONSERVANCY DISTRICT
- WEST DIVIDE WATER CONSERVANCY DISTRICT



\$20M – State of Colorado

• • •

\$20M – Colorado River District

\$17M – 32 Local

Over \$97 million secured

Partners



COLORADO

Office of Governor Jared Polis

100+ SHOSHONE WATER RIGHTS PRESERVATION PROJECT SUPPORTERS



ECONOMIC PARTNERSHIPS
 ENVIRONMENTAL & RECREATIONAL ORGS
 HIGHER EDUCATION & POWER PROVIDERS



- STATE OF COLORADO ELECTED LEADERS
- COLORADO CONGRESSIONAL DELEGATION
- COLORADO BASIN ROUNDTABLES & CONSERVATION DISTRICTS
- FEDERAL AGENCIES







Shoshone Reach 2.4 miles in Glenwood Canyon

Termini:

Shoshone Diversion Dam (Hanging Lake) **Shoshone Power Plant**



Flows, Fish, and (fish) Food

- Flows Elevated reliable
 baseflows in all year types, especially during the late irrigation season of dry years.
- Fish Increased and higher quality suitable habitat for coldwater fish species and other regionally native fishes.
- (fish) Food Improved flow conditions support a healthy algae and macroinvertebrate community.

Enclosure F. River District Technical Memo

Attachment 5. 2024 Miller Report Attachment 6. 2025 Ecosystem Report.

Protecting the historical flow regime created by the Shoshone Water Rights will preserve and improve the natural environment of the Shoshone reach to a reasonable degree.



On the mainstem and tributaries, the State of Colorado currently holds:

350 ISF decreed water rights **upstream** of the Shoshone Power Plant.

120+ ISF decreed water rights **downstream** of the Shoshone Power Plant.

Because the Shoshone Water Rights can command flows on a **year-round basis**, the benefits they provide to ISF reaches include:

Mitigating high temperatures and other stressors especially during late summer and early fall.

Supporting upstream reaches in meeting target flows.

Enclosure F. River District Technical Memo

Attachment 13. Shoshone Water Rights Analysis on Decreed Instream Flow Reaches in the Colorado River Watershed

In coordination with CWCB, CRD also led an effort to review the benefits of the Shoshone Water Rights to current Instream Flow Reaches.



Upper Colorado River Wild and Scenic Stakeholder Group lists the continuation of the Shoshone Water Rights as a long-term protection measure of the streamflow-influenced Outstandingly Remarkable Values.

Enclosure F. River District Technical Memo

Attachment 7. USFS-BLM Report Biological & Recreational Resources Dependent on Colorado River Flows Through Glenwood Canyon







IMPORTANCE OF HISTORICAL USE

Historical use is a required part of the water right change case to ensure there is no enlargement of the water rights and no injury to other water users.





Sustains River Health

Maintains water levels essential for aquatic ecosystems.

Strengthens Communities and Economies

Protects flows and fishing habitats that support Colorado's \$18.8 billion recreation industry and countless small businesses.



Enhances Water Quality

Ensures cleaner drinking water for communities by diluting salinity and sediment.



Secures Agriculture

Supports critical irrigation flows for farmers and ranchers, bolstering Colorado's \$47 billion agricultural economy, which includes 90% family-owned farms and ranches.



SHOSHONE WATER RIGHT PRESERVATION



COLORADO RIVER DISTRICT PROTECTING WESTERN COLORADO WATER SINCE 1937



Water Division 5 Mainstem Colorado River Administration

James R. Heath, P.E. Division Engineer

May 21, 2025



Presentation Outline

>Key Drivers of Mainstem Administration Within Division 5

>Shepherding Water Around the Call



Key Drivers Within Division 5

Large Transmountain Diversions

>Large Reservoirs

Large Calling Water Rights

>Upper Colorado River Endangered Fish Recovery Program (15 Mile Reach)





Key Drivers – Large Transmountain Diversions





Key Drivers - Large Transmountain Diversions

>17 Transmountain Diversions

>Last 30 Year Average Diversions:

- Nearly 500,000 AF/yr
- 361,000 AF/yr South Platte River Basin
- 137,000 AF/yr Arkansas River Basin





Key Drivers - Large Reservoirs



Key Drivers - Large Reservoirs

Large reservoirs typically are related to transmountain diversions and operate as:

- Storage on the West Slope prior to being released through a tunnel
- Augmentation supply to allow the diversions to continue out of priority
- Compensatory storage for West Slope water users



Key Drivers - Large Calling Water Rights

Large calling water rights are generally senior to the transmountain diversions and reservoirs:

- Shoshone Power Plant (Shoshone call)
- Grand Valley Irrigators (Cameo call)




Key Drivers - Large Calling Water Rights

Shoshone Power Plant

- 1250 cfs 12/05/1905 priority
- 158 cfs 5/31/1940 priority
- 1408 cfs total
- Year-round call for hydropower





Key Drivers - Large Calling Water Rights

>Grand Valley Irrigators

- Grand Valley Water Users Association
- Orchard Mesa Irrigation District
- Mesa County Irrigation District
- Palisade Irrigation District
- Grand Valley Irrigation Company













Water Rights

 > 1,950.48 cfs of total water
rights that can
call after Check
Case stipulation

Grand Valley Demand by Priority

Owner	Amount	Adj. Date	Approp. Date
Grand Valley Irrigation Company	520.81	7/22/1912	8/22/1882
Palisade Irrigation District ³	80.0	7/22/1912	10/1/1889
Orchard Mesa Irrigation District	10.2	7/22/1912	10/1/1900
Mesa County Irrigation District 4	40.0	7/22/1912	7/6/1903
Orchard Mesa Irrigation District	450.0	7/22/1912	10/25/1907
Grand Valley Water Users Assoc.	730.0	7/22/1912	2/27/1908
United States of America	400/800 1	7/25/1941	2/27/1908
Grand Valley Irrigation Company	119.47	7/25/1941	4/26/1914
Palisade Irrigation District	23.5 ²	7/25/1941	6/1/1918

¹ Hydro-power generation right for 400 cfs during the irrigation season and 800 cfs during the non-irrigation season. Limited to 310 cfs based on canal capacity at full irrigation demand.

² Diverted only when space is available in Tunnel No. 3 of the Highline Canal

³ Palisade Irrigation District, aka Price Ditch

⁴ Mesa County Irrigation District, aka Stubbs Ditch





Key Drivers - Large Calling Water Rights Colorado River Mainstem Annual Call Days



Key Drivers – Upper Colorado River Endangered Fish Recovery Program

≻Bonytail



Colorado Pikeminnow

>Humpback Chub

Razorback Sucker









Key Drivers – Upper Colorado River Endangered Fish Recovery Program

➢Primary habitat focus on the Colorado River mainstem in Colorado is the 15-Mile Reach – from the Orchard Mesa tailrace to the Gunnison River confluence.



























➢ By not shepherding the reservoir water around the call, the intended benefit of the reservoir release does not occur.

 Adding more water from the reservoir will only allow for more diversions above the call.











➢ By shepherding the reservoir water around the call, the intended benefit of the reservoir release occurs.



Questions?





APPROPRIATENESS OF AN ACQUISITION

The Board shall evaluate the appropriateness of any acquisition of water, water rights, or interests in water to preserve or improve the natural environment. Such evaluation shall include but need not be limited to consideration of several factors to be covered today.





ISF Rule 6, Factors 1, 2, & 5 - Reach, Flow Regime, & Natural Environment

- No existing ISF water rights in the 2.4 mile Shoshone Reach
 - running through central part of Glenwood Canyon, which is
 - nearly 15 miles between 2,500 ft high walls of sedimentary rock
- From Rocky Mountain National Park
 - Origins along the continental divide @14,300 feet
 - Colo River flows 166 miles to the Shoshone plant, 4,470 sq mile basin
- Natural snowmelt runoff regime
 - significant flow alteration due to diversions
- The Shoshone Reach in Glenwood Canyon supports a high-quality fishery.
- This acquisition will restore habitat to this reach to preserve and improve the natural environment to a reasonable degree



Shoshone ISF Acquisition – CPW Recommendation



Kendall Bakich, Aquatic Biologist

Katie Birch, Instream Flow Program Coordinator



Colorado Parks & Wildlife

- <u>Title 33</u>: It is the policy of the state of Colorado that the wildlife and their environment are to be protected, preserved, enhanced, and managed for the use, benefit, and enjoyment of the people of this state and its visitors.
- <u>CPW's Mission</u>: The mission of Colorado Parks and Wildlife is to perpetuate the wildlife resources of the state, to provide a quality state parks system, and to provide enjoyable and sustainable outdoor recreation opportunities that educate and inspire current and future generations to serve as active stewards of Colorado's natural resources.



Colorado River - A Canyon Bound River

Rivers in the Intermountain West

- Rivers flowing through semi-arid to arid environments provide otherwise limited resources that are vital for people and ecosystems.
- River ecosystems evolved around spatially and temporally available resources.

Confined River Characteristics

- Constrained narrow channels
- High gradient drops
- Deep pools
- Complex rock formations



CPW Aquatic Management - Colorado River



Aquatic Priorities

CPW Administrative Directive: OW-8

- 1. Assure **long-term health of aquatic systems**, including both habitat and fisheries.
- 2. Provide recreational fishing to contribute to Colorado's economy.
- 3. Conserve and recover native aquatic species.
- 4. Maintain environmental integrity and naturally reproducing fish populations.





Native Colorado River Species

- Colorado River Natives The "Three Species"
 - Bluehead Sucker Flannelmouth Sucker Roundtail Chub
 - Uniquely adapted to western river systems
- Colorado's Conservation Plans
 - State Wildlife Action Plan (2015)
 - Three Species Tier 1 (Greatest Conservation Need)
- Three Species Conservation Strategy & Agreement
 - Cooperative agreement with neighboring states and tribes
- Priority Conservation Actions
 - Major Threats: alteration of natural flow regimes; habitat degradation; non-native fish
 - Priority Efforts: restore habitat & natural processes, secure ISFs, restore/maintain river connectivity, control NNF
 - Benefits to Endangered Species from Three Species conservation efforts



Colorado River - Quality Trout Water



CPW Fishery Management

- Focused fishery management of fish populations sustained through natural reproduction.
- High priority for recreational angling for wild sportfishes (native and nonnative salmonids).
- Quality Trout: 14+ inches in length

Hydropower Operations, Flows, and the Shoshone Reach

TO INFOI

The Shoshone Reach
The Shoshone Reach Aquatic Community

Canyon

- Fall 2023 ~700 cfs
 - Spot survey for fish along river margin
- Fall 2024 <50 cfs
 - Fish population estimate & spot surveys

Guld

Macroinvertebrate survey



The Shoshone Reach Fishery

Population summary for October 23, 2024 survey in a dewatered Colorado River reach between Shoshone Dam and Shoshone Hydropower Plant near Flag Buttress.

Relative Fish Abundance	Fish Species	Abundance	Biomass	Fish Total Length Mean (Min-Max)
Buened sucker Brown Dace Brown Trout		fish/acre	pounds/acre	inches
	Brown Trout	205	125.3	11.3 (3.9 – 21.9)
	Rainbow Trout	157	125.6	13.0 (8.2 – 15.6)
	Mtn Whitefish	20	10.2	10.6 (5.6 – 12.3)
	Sculpin <i>spp.</i>	6		3.4 (3.2 – 3.6)
	Dace spp.	260		3.8 (1.9 – 5.2)
	Bluehead Sucker	8	2.3	8.3 (7.7 – 8.9)
Trout	Longnose Sucker	14	7.1	10.7 (10.0 – 11.3)

The Shoshone Reach Macroinvertebrate Community

- 2024 Late Fall Survey
- Found abundant and diverse macro community
- Attains "Aquatic Life Use" under Colorado Water Quality Stds
 - MMI score (64.3) "High Scoring Water" for macroinvertebrate diversity metrics
 - TIV score (5.63) "Meets Thresholds" for expected abundance of sediment tolerant taxa
 - 90.5% EPT no established threshold, <u>but</u> Baetidae spp. are the dominant present taxa
- Indications of intermittency are apparent -
 - Higher abundance of tolerant stonefly taxa (Baetidae)
 - Missing taxa that are present in upstream macroinvertebrate surveys in W&S monitoring







- Habitat connections for fish
 - Seek optimal conditions for temporally and spatially variable resources
 - $\circ~$ Find refuge from stressors and predators
 - Native fish make BIG movements





- Connects habitat for fish
- Thermal refugia
 - $\circ~$ Dewatered river reaches and anchor ice
 - limits habitat for macros & fish
 - Winter issues @ Shoshone Dam hot water fish kill
 - Hot temps during low flows fish mortality/stress, W&S reaches, voluntary fishing closures



- Connects habitat for fish
- Thermal refugia
- wetted river = aquatic habitat
 - Increased available habitat
 - Reduces fish stress & disease
 (concentrations of fish in low flows)



- Connects habitat for fish
- Thermal refugia
- wetted river = aquatic habitat
- Increased flow = sediment transport
 - Creates & Maintains Habitat
 - \circ Sculpin
 - Macroinvertebrates
 - Disadvantages NNF



- Connects Habitat
- Thermal Refugia
- wetted river = aquatic habitat
- Increased flow = sediment transport
- Improved Population Resiliency





Will the Shoshone Water Rights preserve and/or improve the natural environment in the Shoshone Reach?





Relationship between Flow & Fish Habitat

• Instream Flow Incremental Methodology

IFIM models "Weighed Useable Area"
 WUA = Suitable fish habitat for specific species/life stages

- IFIM is best tool on large, complex rivers
 - Dolores and San Miguel ISFs
 - Colorado River W&S ISF
 - Poudre River ISF Acquisitions NISP & Poudre ISF Augmentation



IFIM – Freshwater Consulting Winter 2023-24

- Hydraulic habitat model Ο
 - SRH-2D (Hydraulic)
 - **Excel** (Habitat) Ο
- One Study Site • Two large pools divided by riffle



4 focal fish species Adult life stage Mountain whitefish

Flannelmouth Sucker

Rainbow Trout

Brown Trout

Freshwater Consulting IFIM Results



Additional IFIM Modeling - Ecosystem Sciences 2024-25

- Study Site 2
 - Increased habitat complexity
- Improved velocity limitations
- Spatial representation
 - GIS-based model
- Flows between 1400-3000 cfs modeled



Ecosystem Sciences IFIM Results



Where is suitable habitat?



Conclusions

- Canyon reaches provide dynamic fish habitat
- Microhabitat & velocity refuges are very important

- Connectivity is critical
- Additional water = additional habitat availability



CPW Recommendations

 The Shoshone water rights up to 1408 cfs will preserve & improve the natural environment

 IFIM modeling shows fish habitat in the Shoshone Reach up to 3000 cfs

- High flows (3000+ cfs) provide:
 - Geomorphic benefits: Flushing fines, habitat maintenance, nutrient cycling, and allochthonous inputs
 - Connectivity
 - Thermal refuge
 - Increased wetted area for macros and fish





ISF Rule 6, Factors 3, 4, & 6 – Location of Other Water Rights, Non-injury, Hist. Use, & Rtn. Flows

- No other diverting water rights w/in the reach, but augmentation plans, exchanges, and deliveries extend through the Shoshone reach
- Many decreed junior and senior water rights both upstream and downstream of the reach, including diversions for in-basin use, as well as TMD & ISF's
- Water Court will provide restrictions:
 - Historical use and historical return flows will be maintained
 - Method and quantification to be determined in water court
 - To prevent injury to other water users







ISF Rule 6, Factors 7, 8, & 9 – Max Utilization, Interstate Compacts, & Downstream Use

- By not expanding use and continuing utilization, this acquisition will promote maximum utilization of the waters of the state.
 - Beneficial use for ISF to P&I the NERD
 - Subsequent use downstream
 - By other water users in the Grand Valley and beyond
 - By CWCB's ISF in the 15-mile reach
- By not expanding the historical use, CWCB will ensure that this acquisition will not have a negative impact on interstate compact
- ISF, like hydropower, is a non-consumptive use, for which RF's will become part of the natural streamflow downstream of the reach



ISF Rule 6, Factor 10 - Costs

- Total Cost of Purchase is \$99M
 - CWCB Non-reimbursable project \$20M
 - River District's financial commitments \$20M
 - West Slope supporters \$17.1M
 - USBR B2E Funds \$40M
- CWCB Staff & AGO Resources
- Possible Trial Expenses

Ute Water Conservancy District	\$2 million
Eagle River Water and Sanitation District and Upper Eagle Regional Water Authority	\$1 million
Grand County	\$1 million
City of Grand Junction	\$1 million
Mesa County	\$1 million
Summit County	\$1 million
Pitkin County	\$1 million
Colorado Mesa University	\$500,000
Clifton Water District	\$250,000
Grand Valley Irrigation Company	\$250,000
Basalt Water Conservancy District	\$100,000
Grand Valley Power	\$100,000
Grand Valley Water Users Association	\$100,000
Middle Park Water Conservancy District	\$100,000
Town of New Castle	\$100,000
Orchard Mesa Irrigation District	\$100,000
City of Rifle	\$100,000
Snowmass Water & Sanitation District	\$100,000
Town of Silverthorne	\$100,000
Mesa County Irrigation District	\$50,000
Palisade Irrigation District	\$50,000
West Divide Water Conservancy District	\$50,000
Kobe Water Authority	\$25,000
Town of Parachute	\$25,000
De Beque Plateau Valley Soil Conservation District	\$5,000
Town of De Beque	\$5,000
Total:	\$17.11 millio



ISF Rule 6, Factor 11 -Administrability

- Coordination with DWR is on-going and will continue throughout the process.
- Acquisition is administrable provided that:
 - T&C in the decree to prevent injury,
 - Measurement, recording, reporting,
 - Structure modifications are made if needed, &
 - Communication protocols are established





ISF Agreement

- To be finalized before water court application is filed
- Will be effective on signature date, but rights & obligations only at closing of PSA, after a court decree is issued
- CWCB agrees to use the Shoshone water rights for ISF subject to decree terms & conditions



Water Court Application

- 3 Co-applicants (CWCB, River District, PSCo)
- Request to change
 - entire Shoshone Water Rights
 - to add ISF use
- Application
 - Description of water rights to be changed
 - Change of use requested includes
 - Place of use
 - Type of use
 - Amount of use is "up to the full decreed rate"
- Engineering for the historical use analysis and discussion
 - Provided during the court process and includes
 - A representative historical study period including wet, dry, and average years.
 - Historical use period and amounts to be used
 - Historical return flows to be maintained





WATER COURT PROCESS (mutiar)

File an Application in Water Court

Statements of Opposition (to become a party) due w/in 2 months Division Engineer Summary of Consultation in approx 60 days (if DE is not a party) Case Referred to Referee; SC hearings wherein all parties join; court sets comment deadlines & next Status Conf

Engineering reports, a draft decree, and supporting documents provided to all parties Negotiations, Discussions, & Stipulations with each party or groups of parties The expert engineers' role is not to advocate for a position, but to express their expert opinions Case "re-referred" to the water judge Litigation deadlines will be set

1st and 2nd meeting of the experts scheduled

26a2 disclosures deadlines for expert reports and rebuttals

Agenda 10 d.

CMO - Court and parties schedule litigation deadlines for discovery, 56h motions, motions in limine, etc

TMO - Trial scheduled; a TMO provides witness and exhibits lists, and describes the positions of each party

Trial - a 2 to 3 week trial is not uncommon for a large change cases

Future Meeting Anticipated Recommendation:

- Determine that the CWCB accepts a perpetual interest in the Shoshone Water Rights for ISF use at any rates up to the full decreed amounts to Preserve & Improve the Natural Environment to a Reasonable Degree;
- Direct the CWCB Director to sign the ISF Agreement;
- Determine that the best use of the acquired interest in the Shoshone Water Rights is to Preserve and Improve the Natural Environment to a Reasonable Degree within the Shoshone Reach, up to the flow rates recommended by Colorado Parks and Wildlife;
- Direct Staff to work with the Attorney General's Office and Co-Applicants to file a water court application requesting to add an instream flow use to the Shoshone Water Rights in accordance with 37-92-102(3).



NEXT STEPS

- Action can be taken at the next Board meeting in July 2025 if uncontested.
- However, if a hearing is requested w/in 20 days, the Board at special meeting or at its next regularly scheduled meeting decides whether or not to grant that request.
- Any hearing in this matter would take place at the September 2025 Board meeting.
- If Board accepts acquisition, then water court application would be filed, likely by December 2025.
- Multi-year water court process, typically 3-4 years.
- A final decree will trigger closing of the Purchase and Sale Agreement. The CWCB will then vote to confirm that the closing conditions have been met and for the sale.





PUBLIC COMMENT

10.d Proposed Acquisition of an Interest in the Shoshone Water Rights for Instream Flow Use on the Colorado River



COLORADO Colorado Water Conservation Board Department of Natural Resources



Acquisition of Shoshone Water Rights for Instream Use: BLM's Perspective



The upper Colorado River is a central management focus for BLM Colorado



- BLM manages 45 river miles between Kremmling and Dotsero in a "Special Recreation Management Area." Management objectives include:
 - Protect fish, wildlife, plants.
 - Protect backcountry setting and scenic views.
 - Generate community stewardship.
 - Maintain tourism revenue and employment for local economy, consisting of 1,100 jobs and \$145.7 million in tourist spending.
 - Nine developed recreation sites.
- 2022 Visitation: 238,000 user days, including 96,000 commercial and private boating days.
- 76 Special Recreation Permits for outfitters.

Upper Colorado River BLM Wild & Scenic River (WSR) Determinations

- 2014: 84 river miles between Kremmling and No Name are "eligible" for WSR designation. "Eligible" status comes with management standards for federal agencies to protect the Outstandingly Remarkable Values (ORVs).
- 2015: BLM and USFS made a Resource Management Plan decision to rely on the Upper Colorado Wild & Scenic Stakeholder Alternative Management Plan (The "SG Plan.")
- 2015: The river will stay in "eligible" status, and BLM will <u>not</u> make a recommendation to Congress that the river is "suitable" for designation.
- 2020: BLM and USFS approved moving from the "provisional" period to the "operational" period of Stakeholder Plan, based on finalizing procedures for "ORV Indicators" and "Resource Guides."
- Since 2020: BLM and USFS have annually affirmed that the Stakeholder Plan is effective at protecting and enhancing flow-dependent ORVs (recreational boating and recreational fishing).

Upper Colorado River BLM Wild & Scenic River ORVs

Name of Segment	Outstandingly Remarkable Values
Colorado River – Gore Canyon (Segment 4)	Scenic, Recreational (Fishing, Floatboating, and Scenic Driving), Geologic, Wildlife, Historic
Colorado River – Pumphouse to State Bridge (Segment 5)	Scenic, Recreational (Fishing, Floatboating, and Scenic Driving), Geologic, Wildlife, Historic
Colorado River – State Bridge to Dotsero (Segment 6)	Scenic, Recreational (Floatboating, and Scenic Driving), Botanical, Wildlife
Colorado River – Glenwood Canyon (Segment 7)	Recreational (Whitewater Boating, Scenic Viewing, Hiking), Scenic, Geologic

Since 2020, the "ORV Indicators" monitored by the Stakeholder Group have indicated that the ORVs are in <u>stable</u> condition.

Role of Shoshone Water Right in the Stakeholder Group Plan



- SG Plan establishes "resource guides" for ranges of flows that are supportive of ORVs.
- SG Plan relies on the existence of the Shoshone Power Plant water rights as one of its Tier 1 "Long-Term Protection Measures."
- SG monitors streamflow through the Wild & Scenic segments. When flows are outside of the "resource guides," the SG can supplement flows with coordinated, cooperative, and voluntary water deliveries ("Cooperative Measures"), when water is available.
- SG Plan specifically notes the acquisition of water rights by CWCB as a "cooperative measure."
Risks to river and Stakeholder Plan if Shoshone water rights are not reliably exercised



- "Cooperative Measures" have been successful in filling many smaller flow deficits (up to 10,000 acre-feet) that could negatively affect fish populations and recreational opportunities.
- It is extremely challenging for the SG to fill longer-term, larger volume flow deficits. The availability and cost of water limit options for improving flows.
- Chronic temperature standard exceedances are a consistent issue for the SG. If flow rates frequently occur outside of the range of the SG's "resource guides," there is a risk that the SG's "ORV Indicators" will fall outside of thresholds set forth in the SG Plan. This would cause the indicators to be elevated to federal, state, and local governments for review and intervention.

Shoshone Water Right: BLM Conclusions



- CWCB has invested substantial resources in the success of the SG Plan.
- Continued effectiveness of the SG Plan benefits all stakeholders.
- The Shoshone water rights provide a critical foundation for the plan.
- BLM has reviewed CPW's report and concurs the lease would significantly benefit habitat within, upstream, and downstream from Glenwood Canyon.
- A formal lease of the water rights to ISF use would provide certainty to all stakeholders.
- The best long-term use of the water rights is to preserve the historical flow regime and for instream flow purposes.

Shoshone Water Right: BLM Conclusions



BLM takes no position on the quantification of the historic use of the Shoshone water rights. That issue must be thoroughly addressed in water court. BLM takes no position on the CRD application to Bureau of Reclamation for funds to purchase the Shoshone rights.

Questions for BLM?

Contact Roy Smith at <u>r20smith@blm.gov</u> or 303-239-3940



PUBLIC COMMENT

10.d Proposed Acquisition of an Interest in the Shoshone Water Rights for Instream Flow Use on the Colorado River



COLORADO Colorado Water Conservation Board Department of Natural Resources

