



COLORADO

**Colorado Water
Conservation Board**
Department of Natural Resources

DIRECTOR'S REPORT

May 2024

Interstate Compact Compliance • Watershed Protection • Flood Planning & Mitigation • Stream & Lake Protection
Water Project Loans & Grants • Water Modeling • Conservation & Drought Planning • Water Supply Planning



COLORADO

Colorado Water Conservation Board

Department of Natural Resources

TO: Colorado Water Conservation Board Members

FROM: Lauren Ris
Rosie Major

DATE: May 15-16, 2024

SUBJECT: **Agenda Item 4b, May 2024 CWCB Board Meeting Director's Report**

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STATEWIDE

CWCB SMALL FEASIBILITY STUDY GRANT FUND UPDATE:

New grant applications approved:

1. None

Previously approved grants in FY23/24:

1. None

Total funds approved for feasibility study grants in FY23/24: \$0

Federal Technical Assistance Grant Program - Director's Report, May 2024

The Colorado Water Conservation Board's Federal Technical Assistance Program helps eligible entities review the many federal funding opportunities currently available for water projects, then prepare and submit federal grant applications. The Program can also help enhance projects prior to application with feasibility studies, planning, and partial design/engineering so that they stand out in the highly competitive federal grant process. Two grants types are available through the Grant Program:

Local Capacity Grants: These are direct awards to grantees to secure the resources they need (contractors or otherwise) to develop projects and submit competitive federal grant applications.

Technical Assistance Grants: These are awards to grantees who want to utilize a contractor hired by the Colorado Water Conservation Board. This contractor can provide a wide variety of water project services, including researching federal grant opportunities, project design, partial engineering, cost estimation and federal application development/grant writing.

Local Capacity Grants

H.B. 22-1379 established \$2.5 million for Local Capacity Grants. As of early May, the Grant Program has awarded nearly all funding available for Local Capacity Grants. In the 2024 Projects Bill, CWCB has proposed a programmatic adjustment that will make additional funding available for the Local Capacity Program.

The following tables summarize Local Capacity Grant activity through May 2024.

<u>Approved Applications</u>			
Applicant	Project	Total Project Budget	Grant Award
Owl Creek Lateral	Improved Storage and Operations	\$42,400	\$31,625
Rio Grande Headwaters Land Trust	Capacity for Federally Funded Conservation Projects in the Rio Grande Basin	\$194,750	\$145,000
Grand County Learning by Doing	Federal Funding for LBD Stream Restoration and Improvement Projects	\$237,531	\$169,775
Ute Mountain Utes Tribal Government	Pre-Development Work (PL-566)	\$70,000	\$52,500

American Rivers	Wetland/Riparian Projects in the San Luis Valley	\$241,000	\$152,210
Colorado River Water Conservation District	Colorado River Drought Response Project	\$578,840	\$434,130
Colorado Rio Grande Restoration Foundation	Rio Grande Basin Capacity to Secure Federal Project Funding	\$268,800	\$195,000
Collbran Water Conservation District	Plateau Valley Pre-Development Work (PL-566)	\$70,000	\$52,500
Sangre de Christo Acequia Association	Federal Funding to Improve Water Management	\$83,975	\$44,975
West Divide Water Conservancy District	Martin Reservoir Enlargement and Reconfiguration	\$315,906	\$118,464
Farmers Conservation Alliance	White River Ditches Modernization Strategy	\$564,690	\$188,230
Estes Valley Watershed Coalition	Fish Creek/Beaver Meadow Restoration Project	\$203,953	\$150,005
Southwestern Water Conservation District	Capacity Gaps in the Southwestern Water Conservation District	\$278,706	\$156,706
Farmers Conservation Alliance	Collbran Conservancy District Modernization Strategy	\$375,375	\$187,688
Trout Unlimited (Montrose)	Securing Federal Funding for Southwest Colorado Projects	\$168,496	\$129,836
Farmers Conservation Alliance	Pre-Development Work, Orchard Mesa Irrigation District	\$98,250	\$73,250
Total:		\$3,792,672	\$2,281,850

<u>Pending Applications</u>			
Applicant	Project	Total Project Budget	Requested Grant Amount
Farmers Conservation Alliance	Pre-Development Work, Montezuma Valley Irrigation Co	\$98,250	\$73,250

Technical Assistance Grants

H.B. 22-1379 established \$2.5 million for Technical Assistance Grants. CWCB has contracted with Abt Associates to provide wide-ranging assistance to communities and water managers across Colorado as they develop federal grant applications for projects with a nexus to the Colorado Water Plan.

As of May 2024, five Technical Assistance project proposals have received preliminary approval and are advancing through the Technical Assistance process:

- City of Grand Junction, Juniata Enlarged Ditch Piping Project
- Lower Wilson Ditch Association, Lower Wilson Ditch Pipeline Project
- Colorado City Metropolitan District, Lake Beckwith Dam Repair and Enhancement
- San Miguel Watershed Coalition, Reed-Chatfield Ditch and Diversion Rehabilitation Project

- Fountain Creek Watershed District, Technical Support Project

Program staff are also reviewing three additional projects that could advance in the Technical Assistance process. CWCB staff continue to receive expressions of interest in the Technical Assistance Grant Program and have held preliminary meetings with other excellent candidates for the program.

COLORADO RIVER BASIN

COLORADO RIVER WATER USE—

2024 Colorado River Storage as of April 29, 2024			
	Elevation (feet above mean sea level)	Storage (MAF)	Percent of Capacity
Lake Mead	1,072.66	9.412	36%
Lake Powell	3,559.41	7.745	33%
Total System Active Storage		24.476	42%
2023 Total Active Storage		19.671	34%
		Flow (MAF)	Percent of Average
Forecasted Unregulated Inflow into Powell (Forecasted Water Year 2024)		8.091	84%

*Note MAF = million acre-feet

Wild and Scenic Updates

Currently two different stakeholder groups in the state are pursuing or considering pursuing Wild and Scenic River designations. The following provides updates on these stakeholder efforts.

Deep Creek

American Rivers continues to convene a diverse stakeholder group to discuss designation of 15 miles of Deep Creek as a Wild and Scenic River. Deep Creek is a tributary to the Colorado River just upstream from the confluence with the Eagle River. The Outstandingly Remarkable Values (ORVs) include ecologic, scenic, and geologic. The Stakeholder Group (SG) includes the US Forest Service (USFS), Bureau of Land Management (BLM), Colorado Parks and Wildlife (CPW), local landowners, American Rivers, Eagle River Coalition, Colorado River Water Conservation District (River District), and various recreation and environment-based groups among others. The SG has been working for many years to develop legislation for the proposed Wild and Scenic designation that addresses various concerns.

One concern is related streamflow protection. The SG's Instream Flow (ISF) Committee proposed a CWCB-held ISF water right to protect all unappropriated flow with a water development allowance (WDA) to meet reasonable potential future uses. The WDA has been developed and is nearing finalization. This hybrid approach, if successful, would result in a newly designated Wild and Scenic River with a CWCB held ISF right to address streamflow protection rather than a federally held water right.

A number of landowner concerns related to private property, water rights, and mineral rights have been resolved, and minor changes are being made to the proposed legislation to designate Deep Creek as a Wild and Scenic River. The SG aims to finalize the proposed legislation this summer. CWCB staff, American Rivers, the Eagle River Coalition, and the River District are discussing the sequencing of the next steps, including River District support or neutrality on the proposed W&S reach, formally starting the ISF new

appropriation process with the CWCB, and moving legislation forward in Congress. The CWCB board may be asked to form intent on a Deep Creek instream flow in late in 2024 or at the January 2025 Board meeting. The current concept is to initiate the ISF process by asking the Board to form its intent, and then pause the process until the legislation passes.

Crystal River

Portions of the Crystal River from the headwaters to the Sweet Jessup canal headgate were determined to be eligible for inclusion in the Wild and Scenic program in the 1980s and again in 2002. A local stakeholder group met over the last year, with the assistance of a facilitator, to discuss flow and land use protection options. At the conclusion of the facilitator's contract, the stakeholder group formed a recommendation to further consider the three options, including a Wild and Scenic designation, an instream flow, and an intergovernmental agreement. The group has designated members of the steering committee into sub-groups to further gain understanding and explore all three of these options. The stakeholder group will reconvene in June or July of 2024 to report their progress.

More information about this group can be found on their website: <https://thecrystalvalleyecho.com/wild-scenic-stakeholder>.

WATERSHED AND FLOOD UPDATES

MAY 2024

National Flood Insurance Program (NFIP) Community Assistance Program-State Support Services Element (CAP-SSSE) Colorado Floodplain Development Management Program

Staff Training

In March, CO CAP-SSSE staff completed a 4-day FEMA Region 8 “train-the-trainer” certification workshop to teach Emergency Management Institute Course 273 Managing Floodplain Development through the NFIP. The purpose of the course is to provide local, state, tribal, territorial, and Federal officials with the knowledge and skills to administer and enforce floodplain management regulations. The workshop focused on imparting quality instructional skills training, learner influence knowledge, delivery challenges, and student teaching practice sessions. The workshop benefits the state and CWCB as it now allows Doug and Willem to teach the EMI 273 course to local floodplain managers nationwide.

FEMA NFIP Assessment, State of Colorado compliance

This office continues to coordinate and cooperate with other state departments and divisions, in particular the CO Office of the State Architect (OSA), and the CO Legislature to address deficiencies in the State’s administration of the National Flood Insurance Program pertaining to the permitting of State-owned structures and development in the regulatory floodplain as identified in a 2021 FEMA letter summarizing their assessment findings.

[SB24-179 Floodplain Management Program](#) passed out of the CO. Senate on April 17, 2024, and out of the House on April 29, 2024, and it is expected to be signed by Gov. Polis. Following its passage, CWCB will work with the OSA to create and implement a floodplain development permit procedure for state development by June 30, 2025. Completion of this action will ensure the State of Colorado is fully compliant as a participating community in the National Flood Insurance Program.

NFIP Community Outreach and Support

Doug and Willem have conducted six community assistance contacts (CAC) since January. The CAC provides a means to establish or re-establish contact with an NFIP community for the purpose of determining any existing problems or issues and to offer assistance if necessary. The CAC also provides the opportunity to enhance the working relationship between the State or FEMA and NFIP communities, and creates a greater awareness of the NFIP and its requirements. Most communities contacted were found to be in good standing. For communities where any issues were found, guidance was provided to help the communities get the issues addressed.

(Doug Mahan; Willem Lensink)

Colorado Healthy Rivers Fund – Accepted Grants 2024

The Colorado Healthy Rivers Fund was born from Senate Bill 02-087, allowing for voluntary individual contributions from State tax returns to “Assist in the restoration and protection of lands and natural resources within watersheds in the State”. Since 2003, the CHRF has been successfully funding and implementing local water enhancement projects throughout all major basins in Colorado. Managed

through a unique partnership between the Colorado Water Conservation Board (CWCB), the Water Quality Control Division (WQCD) and the Colorado Watershed Assembly (CWA). The CHRF helps local organizations with their on the ground efforts aimed at improving their local watersheds through planning efforts and project implementation.

The Colorado Watershed Assembly (CWA) received a total of 17 CHRF applications by the February 29, 2024, submission deadline. Copies of these applications were sent to the Water Quality Control Division (WQCD) and the Colorado Water Conservation Board (CWCB). Staff at the CWA, WQCD, and CWCB reviewed and scored the applications. All three entities used the same score sheet to evaluate the applications. CWA, WQCD, and CWCB staff discussed and jointly ranked the applications.

The unobligated amount available in the fund managed by CWCB is \$172,000. Table 1 lists all the project names, grant amount request, match, In-kind, applicants, grant type and basin. Funding recommendations are represented as those with funds managed by CWCB, and those funded using special release funds not managed by CWCB. We have selected ten applicants to receive a total of \$192,143. We attempted to fund projects in every major watershed that applied.

Grantee: Big Thompson Watershed Coalition

Advancing The Big Thompson River Envisioning Project Through River Health and Resilience Initiatives (funded via special release funds not managed by CWCB)

Basin: South Platte

Award: \$20,000 Matching Funds \$15,567

Summary: In 2022, the Big Thompson Watershed Coalition (BTWC) completed a stream management plan (SMP) for a 15-mile stretch of the Big Thompson River. The SMP includes assessments and characterizations of river health and identifies management strategies to enhance the health of the river system, while improving the services our communities depend on. In 2023, BTWC completed a re-engagement process to learn what projects would be most valuable to the community and prioritize these projects.

With eight priority projects identified, five are ready to be pursued. This project includes engaging two ditch companies, the Greeley Loveland Irrigation Company (GLIC) and Home Supply Ditch Company, to strengthen relationships, better understand their management needs, and work to develop multi-benefit projects that enhance infrastructure, flood resilience, and river health. Our focus will be on GLIC's Big Barnes Diversion, the top priority diversion identified in the SMP, and effluent originating from Home Supply's Boedecker Reservoir outflow, which was the top community-identified priority. Secondly, BTWC will work with partners to identify gaps in river monitoring needs, establish standardized protocols, and create a centralized data repository. The third component will be to provide advisory support to the City of Loveland as they plan and implement a large-scale flood resilience project that will address river health, road and bridge infrastructure needs, and recreational enhancements in one of our priority river reaches. Finally, this project will provide BTWC with additional funding to work with the new Loveland Community Stewardship Initiative, a partnership with local non-profit partners and the city, to plan and implement 40 volunteer community stewardship days at city-owned natural areas. BTWC will co-host and provide educational components for a portion of these volunteer days which include river clean ups, invasive species management, and native species installation.

Grantee: Costilla County Conservancy District
Culebra Watershed Partnership Project

Basin: Rio Grande

Award: \$19,915 Matching Funds \$5,416

The Culebra Watershed Partnership Project will begin to implement the recommendations of the recently completed Upper Culebra Watershed Assessment (UCWA). This broad-reaching initiative will implement a variety of conservation and restoration projects throughout the Upper Culebra Watershed, improving the quality and usability of water for users therein. To guide this project, the Costilla County Conservancy District's (CCCD) new Watershed Coordinator will work to open pathways of communication that will enable community members to work together to take active, cooperative steps towards the stewardship of their watershed. The Watershed Coordinator will also consult with experts who can provide guidance on projects recommended by the UCWA.

A Technical Advisory Group (TAG) will be assembled consisting of local stakeholders and experts in their respective fields to support the CCCD in stakeholder engagement and planning of a demonstration project on Jaroso Creek. Results of the project will be measured against an adjacent watershed that won't have any conservation work undertaken. The project will be a case study used to promote the benefits of conservation efforts throughout the watershed and enable the CCCD and its partners to advocate more strongly for new projects throughout southern Costilla County. The increased communication between stakeholders in the district will be a huge first step towards all future work that the CCCD undertakes.

Grantee: Mile High Youth Corps (MHYC)
East Plum Creek Riparian Improvement Project

Basin: South Platte

Award: \$20,000 Matching Funds: \$15,520

MHYC will work with the Douglas County Conservation District to improve the stream habitat within a one-mile stretch of East Plum Creek as it passes through the Historic Lowell Ranch in Southern Castle Rock. East Plum Creek is a central wildlife corridor that connects thousands of preserved acres of National Forest, State Parks, State Wildlife Areas, and Douglas County Open Space. A MHYC Land Conservation crew will complete two weeks of project work consisting of channel reconstruction, bank stabilization, and habitat development to improve water quality, increase the riparian zone, and support native flora and fauna. This project aims to restore the Creek's appropriate geomorphology and hydrology, improving and expanding the habitat for aquatic wildlife along this important corridor.

Grantee: Sand Creek Regional Greenway Partnership (SCRGP)
Enhancing Urban Creek Resilience: A Comprehensive Management Plan

Basin:

Award: \$19,863 Matching Funds: \$32,540

Since 2022, SCRGP's Community Science program has been engaged in gathering crucial environmental data along the Greenway which is ecologically significant as a critical east-west tributary and urban waterway. However, it faces challenges, being listed on the 303(d) list of impaired waters for E. coli and dissolved selenium. Moreover, the Greenway intersects numerous diverse communities, some of which have been underrepresented in outdoor activities. SCRGP's Community Science Program works to address these disparities by reducing barriers to outdoor engagement. Through this program, members of historically marginalized communities are educated about water quality, sustainable practices, and actively involved in data collection efforts.

The SCRGP intends to utilize its community-led natural resource data collection efforts and analyze gathered data to formulate a long-term natural resource management and preservation plan geared toward ensuring the long-term sustainability of this vital urban water system. This project represents a significant step towards fostering environmental stewardship, community engagement, and equitable access to outdoor resources within the Greenway.

Grantee: River's Edge West (REW)

Grand Valley River Stewardship Program

Basin: Colorado

Award: \$17,193 Matching Funds: \$12,880

(REW) Grand Valley River Stewardship Program is dedicated to enhancing and preserving riparian ecosystems across Colorado's Western slope, particularly in Mesa County. Funds are requested to host 8-9 volunteer stewardship events open to the public focused on riparian habitat improvement on public land mobilizing volunteers to engage in hands-on restoration efforts designed to improve recreational access and native plant habitat by clearing tamarisk and Russian olive along the Colorado River, surrounding lakes, boat ramps, and along several river parks heavily used by the public including James M. Robb State Park as well as open space managed by The City of Grand Junction. Additionally, REW will engage 12-20 students from the R-5 High School in riparian restoration and education and increase native plant survival through the Site Stewards Program as well as establishing 2-3 River Watch water quality stations and maintain aquatic macroinvertebrate sampling 1-2 times per year.

Grantee: Colorado Ag Water Alliance (CAWA)

Livestock Management on Kerber Creek – Hutchinson Ranch

Basin:

Award: \$20,000 Matching Funds: \$57,344

Hutchinson Ranch owns 430 acres of land north of Villa Grove in Saguache County on Kerber Creek. This land is used for livestock and Kerber Creek is the only source of water for their cattle. The Creek is incised, forcing cattle to concentrate on just a few areas for water and further damaging the stream. The Hutchinsons have been involved in projects to restore the Creek working with CAWA and demonstrating best management practices. The pasture backs up to an allotment leased from the Bureau of Land Management. Funds will be used to help construct a corral, solar well, and livestock tank which will allow the Hutchinsons to implement a grazing plan and manage their cattle, so they do not need to rely on water from the creek. The grazing management plan will also allow the Hutchinsons

to better manage for invasive species like Canada Thistle. With an alternative source of water, the cattle will graze more of the property, better utilize available forage, and reduce invasive species like Canada Thistle.

Grantee: Mancos Conservation District (MCD)
Mancos River Fish Population Monitoring Project

Basin: San Juan

Award: \$20,000 Matching Funds: \$25,225

Previous sampling indicated that the Bluehead Sucker and Rainbow Trout are found within the Mancos River. The Mancos River Fish Population Monitoring Project would allow for the Mancos Conservation District (MCD) to conduct two additional rounds of eDNA sampling to enhance our understanding of habitat utilization by fish in the Mancos Watershed. This project would also enable us to work with Colorado Parks and Wildlife (CPW) to pit tag fish on the West Mancos River and install two monitoring antennas to see how the tagged fish migrate and move past a newly improved diversion that was previously a barrier to fish passage. This fish barrier on the West Mancos River was removed in summer of 2023 and post monitoring is crucial to understanding the migration patterns of the Mancos River fish populations as well as monitoring the efficacy of the improved fish passage. When coupled with water quality sampling and eDNA sampling, pit tagging can provide the MCD and Mancos Watershed Group (MWG) with valuable information about migration patterns of fish present in the West Mancos River and how fish barrier removals impact the movement of fish. This information will be used to help prioritize habitat protection for native fish and guide additional projects to remove fish barriers in the Mancos Watershed to support drought and climate resilient fish habitat. This project supports the critical goals of maintaining a resilient natural environment and protection of watershed health, supporting environmental, agricultural, and recreational water needs, and helps ensure that the Mancos Watershed remains resilient in the face of natural disasters and climate change.

Grantee: Center for Collaborative Conservation
North Sand Creek: Monitoring for stream health and improved water quality

Basin: North Platte

Award: \$19,972 Match: \$11,281

Building on the North Sand Creek Restoration Partnership's 2023 CHRF planning grant, this implementation project will create a baseline understanding of hydrology, sediment, and vegetation. The 2023 CHRF planning grant has allowed the Partnership to align around preliminary plans for monitoring, restoration action, and outreach, and these plans were used as the basis for a CDPHE Nonpoint Source (NPS) Program grant proposal submitted in December 2023 (attached with this proposal). If the NPS grant is awarded, the Partnership will begin restoration action in 2025 with the goal of recovering North Sand Creek (NSC) from the conditions that have caused the creek to be placed on the 303(d) list of water-quality impaired waters, degraded stream health, and put an agricultural diversion at risk. The overall restoration effort includes (1) vegetation recovery on steep dune slopes that are the primary source of excessive stream sediment, (2) installing low-tech process-based in-channel features (e.g., large wood accumulations) that ameliorate sediment quantity and timing without storing water, and (3) working with recreation groups to design and conduct education and outreach

activities that will support the stream restoration work. If awarded, this new CHRF grant will allow us to understand ecological processes in the stream and on the dunes so we can implement appropriate restoration actions and assess progress towards our goal. As shown in the project summary included with this proposal, a variety of stakeholders are engaged in this work, including BLM staff, private landowners, members of the North Platte Basin Roundtable (BRT), Colorado State University, Duck Unlimited, and several agencies. This project is consistent with the 2012 North Platte River Water Quality Management Plan

Grantee: Upper Clear Creek Watershed Association (UCCWA)

Upper Clear Creek Watershed Nine Element Watershed-based Plan 2024

Basin: South Platte

Award: \$20,000 Match: \$5,000

UCCWA aims to expand the Upper Clear Creek Watershed Plan using the Nine Element Watershed-based Plan from the U.S. Environmental Protection Agency (EPA). To steer the next generation of watershed restoration efforts, the plan and accompanying deliverables will be used for education through public outreach. UCCWA's sister organization, Clear Creek Watershed & Forest Health Partnership, will assist with outreach and education in upper Clear Creek. The shared website platform at Clear Creek Watershed & Forest Health Partnership is used to communicate with our watershed communities and engage them in discussions and activities designed to protect and preserve their waterways and forests. The updated watershed plan will be shared on the website, and graphics from the plan will be integrated into webpages and used by community organizations and agencies, informing the development of joint projects that protect and restore our waterways.

Grantee: Western Slope Conservation Center

Smith Fork Creek Watershed Resiliency Project, Phase II

Basin: Gunnison

Award: \$20,000 Match: \$9,450

The Smith Fork of the Gunnison River (Smith Fork) is located on the western slope of Colorado near the small town of Crawford. Headwaters of the Smith Fork begin in the West Elk Wilderness and flow approximately 24 miles through public and private land, draining a watershed boundary of 3,761 acres, before joining the Gunnison River mainstem. The watershed supports a farming and ranching economy, supplemented by tourism, including hunting and outdoor recreation. In 2016, the Western Slope Conservation Center (WSCC) completed the Smith Fork of the Gunnison River Watershed Assessment through the Bureau of Reclamation WaterSMART program. The purpose of the plan was to describe existing conditions, identify watershed needs, and outline project concepts that address those needs. The assessment identified four key goals for the watershed. Central to the goals was to "maintain and improve the integrity of terrestrial and aquatic species habitats within the watershed." In 2023, WSCC began the Smith Fork Creek Watershed Resiliency Project, awarded by CWA Healthy Rivers and project partners American Rivers. The project represented Phase I to build upon objectives within the 2016 BOR assessment and advance ecological resilience within the upper Smith Fork watershed through a stakeholder driven study of LTPBR techniques. The Phase I project highlighted lands where river-wetland corridors exhibit opportunities to improve hydrologic function and boost wildlife habitat. Phase I actions

focused on outreach/education opportunities to build community buy in and set the stage for future implementation. Additionally, a robust conditions study was completed to determine the extent, health, and functionality of the Smith Fork riparian corridor. We are now seeking funding for our Phase II goals, which encompass a project phase to continue stakeholder engagement and implementation of several priority pilot projects identified through our previous efforts.

Table 1: Colorado Healthy Rivers Fund - 2024 Cycle - Table #1

Project Name	Grant Amount	Match \$	In-Kind	GRANTEE and FISCAL AGENT (if different)	Grant Type	State Watershed Basin
Culebra Watershed Partnership Project	\$19,915.00	\$1,600.00	\$3,816.00	Costilla County Conservancy District	Planning	Rio Grande River Basin
Enhancing Urban Creek Resilience: A Comprehensive Management Plan	\$19,863.00	\$26,639.84	\$5,900.00	Sand Creek Regional Greenway Partnership	Planning	South Platte River Basin
Grand Valley River Stewardship Program	\$17,193.00	\$12,880.00	\$0.00	RiversEdge West	Project	Colorado River Basin
Livestock Management on Kerber Creek – Hutchinson Ranch	\$20,000.00	\$55,344.00	\$2,000.00	Colorado Ag Water Alliance	Project	Rio Grande River Basin
Mancos River Fish Population Monitoring Project	\$20,000.00	\$25,225.00		Mancos Conservation District	Project	Southwest Basin
North Sand Creek: Monitoring for stream health and improved water quality	\$19,972.00	\$11,281.00		Center for Collaborative Conservation	Project	North Platte River Basin
Smith Fork Creek Watershed Resiliency Project, Phase II	\$20,000.00	\$9,450.00	\$2,000.00	Western Slope Conservation Center	Project	Gunnison River Basin
Upper Clear Creek Watershed Nine Element Watershed-based Plan 2024	\$20,000.00	\$5,000.00		Upper Clear Creek Watershed Association	Planning	South Platte River Basin
CHRF Administration	\$15,200.00					
Sub-total: Colorado Healthy Rivers Fund Distribution managed by CWCB	\$172,143.00	\$147,419.84	\$13,716.00			
*Advancing The Big Thompson River Envisioning Project Through River Health and Resilience Initiatives	\$20,000.00	\$13,500.00	\$2,067.00	Big Thompson Watershed Coalition	Planning	South Platte River Basin
Special Release Fund Distribution Total	\$20,000.00	\$13,500.00	\$2,067.00			
* Fully funded via special release funds not managed by CWCB.						
Total: Colorado Healthy Rivers Fund Distribution	\$192,143.00	\$160,919.84	\$15,783.00			
Colorado River Wildfire Collaborative Facilitator	\$20,000.00	\$50,000.00	\$33,600.00	Middle Colorado Watershed Council	Planning	Colorado River Basin
Headwaters of the Colorado Initiative	\$20,000.00	\$156,000.00	\$50,000.00	National Forest Foundation	Planning	Yampa/White/Green
Impact Reporting on the Crystal River	\$23,750.00			Roaring Fork Conservancy	Planning	Colorado River Basin
Livestock Management on Yampa River – Flanders Ranch	\$15,000.00	\$112,078.00		Colorado Ag Water Alliance	Project	Yampa/White/Green
Restoring Riparian Health by Planting Living Gardens	\$20,000.00	\$31,764.08	\$2,352.00	Groundwork Denver	Planning	South Platte River Basin
Summit County Riparian Health Assessment	\$20,000.00		\$4,000.00	Friends of the Lower Blue River	Planning	Colorado River Basin
Youth River Summit	\$5,000.00	\$30,000.00	\$10,000.00	Lincoln Hills Cares	Project	South Platte River Basin

(Steven Reeves)

Planning Integration

Over the last few years, the CWCB and the River Network have been working together to facilitate the Peer Learning Network, which began as a way for groups to collaborate to share their knowledge and build support systems for each other as they work through their planning processes. Initially, this network was focused on Stream Management Plans (SMPs) (and Integrated Water Management Plans [IWMPs]), supporting watershed groups in their SMP endeavors and providing trainings to help these SMPs result in flow recommendations. Recently, the CWCB Watershed Team has decided to take a step back, realizing that flow recommendations may not be an appropriate outcome for all watersheds, and not all watershed groups need to develop an SMP to have a meaningful watershed plan. Our path forward is to recommend that watershed groups looking to develop a plan start with a basic watershed assessment that includes analyses such as hydrology, geomorphology, biology, and chemistry, as well as basic watershed characteristics such as land ownership and land use. From these analyses, a stakeholder group can then determine what the needs of the watershed are and further their planning based on those needs, if necessary. It's possible that a watershed assessment may be all that's needed for a stakeholder group to develop actionable project recommendations. If deficits are determined, however, there are an array of planning types that a group could undergo to meet their needs. If a watershed assessment shows that flows are inadequate, even during short periods of the year, then an SMP may be an appropriate route to take. However, if the watershed assessment shows that there are water quality impairments that the stakeholder group wants to address, then an EPA 9 Elements plan or a Source Water Protection Plan may be more appropriate. It's also possible that there may be water

quality impairments AND flow deficits and a stakeholder group may be willing to take on a scope of work that meets the requirements of an EPA 9 Elements plan and an SMP.

Furthermore, there has been a lot of interest in attempting to combine a Wildfire Ready Action Plan (WRAP) with a Community Wildfire Protection Plan (CWPP). There is a lot of overlap in these planning types, especially as it relates to values at risk, and as such, there could be some efficiencies in combining these plans. It can also be challenging, however, because WRAPs are always at the watershed scale, while CWPPs are based on political boundaries, so there needs to be a central entity that can think through the stakeholder buy-in, as well as the funding sources that could meet the needs of both of these plans.

The Peer Learning Network, with the help of the CWCB, is modifying its mindset to help address these issues and work through ways to help watershed groups with any type of watershed planning effort, SMPs being just one. I have presented at multiple Peer Learning Network meetings within the last few months to help groups visualize the different planning routes that they might take and what those outcomes may look like. With these efforts, we hope to see more watershed planning throughout the state, resulting in actionable project recommendations that will help improve or preserve watershed health.

Andrea Harbin Monahan

Flood Threat Bulletin Resumes Forecasting Operations on May 1

The Watershed and Flood Protection Section is excited to announce that 2024 operations began on Monday, May 1st with some major improvements. This is the 19th year of operations for this program. Our team continues the website format from last year at ColoradoFloodThreat.com for delivering all the Program's products in a more impactful way. We have implemented multiple interactive tiles with the top-line flood threat metrics and severity for better situational awareness of the current and previous day's flood conditions. Each tile will take you directly to that Product's page, and there is also a Navigation Bar in the top right of the page to quickly jump between the products. Once you are on a specific Product page, there is a "Select a Day" drop down calendar underneath the interactive maps to quickly view any day during the 2024 Season. Our products are summarized below and can be found on the [About Page](#).

- [Daily Flood Threat Bulletin](#) - This product is issued daily before 11:00 am and is used to identify areas of the state that are at risk of flooding. Updates can be issued as needed by weather situation.
- [Fire Burn Forecast](#) - The FBF is issued daily by 11AM for select, high-risk burn areas in Colorado (May to Sept). This standalone forecast system was created to separate the higher-sensitivity burn area forecasts from the existing FTB product, but complement the overall goals of the program. The Decker, Middle Fork, and Morgan Creek scars have been removed from the forecasting program this year due to significant hydrologic recovery.
- [Flood Threat Outlook](#) - This product is an outlook of the flood threat and precipitation amount/probabilities in the state over the next 15 days. It is presented in an event-based format that focuses on periods of potentially wet weather, and a precipitation map is included when the forecast precipitation exceeds 0.5 inches for any area during an event duration. The Outlook is updated on Mondays and Thursdays by 3PM.
- [State Precipitation Map](#) - An overview of recent precipitation and flooding conditions across the state, using heavy rain reports and flood reports.

- [Streamflow Tracker](#) - This product is a summary table updated monthly (mid-month) reflecting the last month's streamflow conditions across the major basins in Colorado.

Our goal is to provide our subscribers and users an early outlook for threat awareness, Operations and Notifications began on May 1st, and notifications are available on Social Media: [Twitter](#) and [Facebook](#).

(Kevin Houck)

Riverscape Restoration Monitoring

Stream restoration practitioners, scientists, and stakeholder groups are becoming increasingly aware of the importance of healthy riverscapes, i.e., stream channel and floodplain corridors. Riverscape restoration is sought as a partial solution to environmental problems such as wildfire, drought, flood, climate change, disaster preparedness, sediment mitigation, water quality impairments, biodiversity loss, and fish and wildlife habitat loss. As the demand for restoration ramps up, there is increasing need for data to evaluate the effectiveness of these efforts. Restoring natural riverscapes may change the way water flows through a site, and monitoring will help inform if and how it affects streamflow. The CWCB is building a scope of work with its technical assistance team to monitor riverscape restoration projects.

CWCB staff and technical consultants are currently identifying what data (type, precision, accuracy, duration) is needed to address the efficacy of riverscape restoration as it relates to the topics above. Surface-water discharge, groundwater levels, orthophotography, digital elevation (topography), sediment, vegetation, soil, water chemistry, and other ecological data collection methods will be reviewed with advice from experts in these fields. Monitoring methods will be developed by identifying techniques that can be reasonably applied within budget constraints to test hypotheses or identify patterns and trends. Before-after, control-impact, and reference-treatment site comparisons will be considered as possible study design strategies, helping to focus the selection of treatment, control, and reference study sites. Site selection will begin with the pool of restoration projects currently funded or planned through the CWCB's Watershed Health programs but may be expanded to meet program goals.

-Chris Sturm

The Letter of Map Revision (LOMR) Review Partners Program

The CWCB LOMR Review Partners Program continues to work with applicants, communities and the Federal Emergency Management Agency (FEMA) to answer questions, provide guidance, and work through complex issues for both ongoing and upcoming map revision requests. CWCB processes and makes recommendations for revision requests on behalf of FEMA to modify flood hazard information on Flood Insurance Rate Maps (FIRMs). FEMA determines if the revision request will be approved or become effective. To date, we have received over 142 map revision requests, and we currently have ongoing cases in Boulder, Douglas, El Paso, Gilpin, Jefferson, Larimer, Montrose, Pueblo, Routt, Elbert, San Miguel, Weld, Gunnison, Mesa, and Yuma Counties.

May 2024 Risk Mapping, Assessment and Planning (MAP) Project Updates by Major Water Basin

CWCB is FEMA's Cooperating Technical Partner (CTP) for the state while Mile High Flood District (MHFD) is the CTP within their service area (Denver Metropolitan Area). CWCB provides support for and coordination with MHFD on projects and data sharing for communities that extend across common boundaries.

North Platte Basin – No flood hazard studies are being conducted in this area.

South Platte Basin – Adams, Arapahoe, Boulder, Sedgwick, Larimer, Lincoln, Logan, Morgan, Park, Phillips, and Weld Counties have ongoing Risk MAP studies. Ongoing CWCB studies within the South Platte basin are as follows:

- Park County Phase 2: Phase 2 (Data Development) is underway. Hydrology was approved November 28, 2023. FEMA is making a shift to 2-Dimensional (2D) hydraulic modeling. Managing the 2D models has typically been more resource-intensive. During the transition period (that will take 5 to 10 years) CWCB is verifying with the communities that they agree with receiving the 2D hydraulic modeling instead of the traditional 1D hydraulic modeling. Town of Alma has requested 1D models in their area, and both the Town of Fairplay and County will continue with the use of the 2D modeling. We have wrapped up hydraulic modeling and the hydraulics package has been sent to FEMA for review and approval.
- Logan County: The County's suspension from the NFIP does not impact progress for the ongoing Risk MAP project. Hydrology has been resubmitted to FEMA for final review and hydraulic modeling is underway. CWCB is working with the City of Sterling to address existing issues with accurate corporate boundaries.
- Adams and Arapahoe Counties: CWCB obtained input from both counties on the Discovery materials for the CWCB areas. Phase 2 kickoff meetings will be held in the coming months. We are also working with FEMA on review requirements for all Phase 1 deliverables.
- Morgan County BLE: CWCB are also in communications with FEMA and the Town of Wiggins regarding the currently secluded Kiowa Creek levee that must be re-certified and FEMA accredited during this study to be able to continue showing flood protection for the Town of Wiggins on the maps.
- Weld Countywide: A countywide BLE/Discovery effort is ongoing for all flooding sources with drainage areas > 1-square mile. This countywide study will not include flooding sources recently updated with the CHAMP project (which went effective November 11, 2023). A kickoff meeting with communities will be held soon and the associated meeting materials are currently being reviewed by CWCB.

The Colorado Hazard Mapping Program (CHAMP) Physical Map Revisions (PMRs): The CWCB was able to leverage funds from FEMA to continue getting several CHAMP studies incorporated into updated Flood Insurance Rate Maps (FIRMs) and Flood Insurance Studies (FISs) through the FEMA Physical Map Revision process. CHAMP involved analyzing major streams across various Colorado counties (following the devastating 2013 flooding along the Front Range) and includes over 200 FIRM panel updates. Two remaining counties are being completed within the South Platte Basin. These include Boulder and Larimer Counties.

- Boulder County PMR: This LFD for this study was issued 4/24/2024 (effective date 10/24/2024). Approximately 3.7 miles along Left Hand Creek downstream of the Geer Canyon/Left Hand Creek confluence will be restudied as recommended by the Scientific Review Panel (SRP). The restudy impacts portions of three FIRM panels. These panels will reflect the current effective flood hazard data until the restudy is completed. The resulting updates to these three panels will become effective through a future LOMR that will follow the MT-2 revision process.

An additional LOMR is being completed to reflect CHAMP data for over 6,000 feet along Geer Canyon Creek and approximately 12,000 feet along Left Hand Creek (upstream of the SRP area). Stream reaches included in the LOMR are well outside the SRP area. The LOMR will revise flood hazard data for these upstream segments of Geer Canyon and Left Hand Creek.

- Weld County PMR: Weld County PMR revised Flood Insurance Study (FIS) and Flood Insurance Rate Maps (FIRMs) became effective on 11/30/2023.

The City of Longmont extends into both Weld and Boulder Counties. Longmont has opted to split their flood hazard information at the Boulder/Weld County line. This required a Longmont PMR for the three impacted FIRM panels now within the Weld County FIS and FIRMs (previously part of the Boulder County PMR). These three panels reflect the updated flood hazard data for portions of the City of Longmont that are physically within Weld County. There were no comments/appeals received during due process (that ended November 7, 2023). The LFD for the Longmont PMR (in Weld County) was issued March 26, 2024.

- Larimer County PMR: Valid appeal items received during due process for this project have been resolved. Appeal resolution emails went out to communities on 3/22/2024. The Drake Levee certification is waiting on some additional documentation. CWCB and its contractor are coordinating with the City of Fort Collins (and its contractor), FEMA, and FEMA's contractor to determine if there may be a slight delay in the PMR. The anticipated Larimer County PMR LFD date is 6/19/2024. There are also two ongoing LOMRs that will update the PMR flood hazard information to reflect updates that have occurred since the revised preliminary mapping was completed. One is along Boxelder Creek near the Town of Wellington, and one is along the Cache la Poudre River and includes updates between west of N. College Avenue and south of Kechter Road in the City of Fort Collins and unincorporated Larimer County.
- Phillips County Phase 4: CWCB and FEMA are collaborating to complete the revisions required to complete updates associated with CDOT's appeal along the Frenchman Creek and Tributaries within the Town of Holyoke. Instead of completing the hydraulic modeling and flood hazard mapping, CDOT has opted to provide their partially completed hydraulic modeling (from their initial appeal) to CWCB. CWCB's contractor will leverage as much information from CDOT's model as possible to complete the remaining hydraulic analyses and mapping using the CDOT revised hydrology submitted with the initial appeal package. Because the initial appeal package did not come from the community or include documentation of the community support for the appeal effort, revised preliminary information will be required and another 90-day mandatory appeal period will need to occur. CWCB's contractor is currently working on the revised hydraulic modeling and anticipates having the hydraulic modeling completed by June 30, 2024.

- Phillips Countywide: CWCB held the countywide Discovery meeting in January 2023, and we are preparing for a Phase 2 kickoff meeting in the near future. This study covers the portion of Phillips County not included in the Phase 4 project. The BLE hydraulics were approved by FEMA's contractor. CWCB received an approved exception to a recent FEMA requirement that all draft Draft BLE DFIRM databases must pass a topology check before closing out the Discovery phase of the project. This new requirement will take effect starting with future BLE projects funded with FEMA FY 2024 grant awards. The approved exception will allow this project to move forward with Data Development (Phase 2) since the spatial and topology checks were not required in FEMA FY2021 when this project was originally funded.
- Sedgwick County: A countywide BLE/Discovery effort has begun for flooding sources with drainage areas greater than a square mile that weren't updated with the CHAMP project that became effective in May 2021. A project kickoff meeting was held November 3, 2023. Materials for a Discovery meeting are being reviewed by CWCB and a corresponding meeting will be held in the coming weeks.

Colorado Basin – Eagle, Summit, and Garfield Counties have ongoing Risk MAP studies:

- Eagle County Physical Map Revision Phases 2-3: Revised preliminary products were distributed November 30, 2023. CWCB addressed questions that the Town of Basalt presented. The parcel analysis was refined to verify which properties have changes to flood risk since the effective flood hazard data was developed. This will allow the Communities and CWCB to better communicate existing flood risks due to mapping updates. CWCB is also working with our contractor to pursue a LOMR for an area in Basalt that impacts portions of both Eagle and Pitkin Counties. The LOMR will provide flood risk data to bridge an existing data gap and will verify appropriate flow splits to model and reflect existing flood risk.
- Garfield County Phase 2-3: CWCB met with the City of Glenwood Springs regarding flood hazard mapping through portions of the community. The City has confirmed that they want regulatory mapping based on clear water hydraulic modeling (versus the originally requested debris flow results). In the meantime, we have wrapped up the original hydraulic modeling and are going through FEMA technical reviews.
- Summit County BLE/Phase 2: Hydrology was approved December 13, 2023, and survey data was approved December 11, 2023. CWCB completed checks with communities on using 2D or 1D hydraulic modeling as the project moves into hydraulic modeling. We got confirmation on modeling approaches from everyone and are currently finalizing the hydraulic modeling that we'll submit for FEMA's review (likely in June).

Gunnison Basin – Delta, Gunnison, and Ouray Counties have ongoing studies:

- Delta County Phase 2-3. Preliminary FIRMs and FIS products were distributed November 21, 2023. Based on questions raised during the 30-day review period, additional information was provided to communities as well. CWCB is coordinating with communities to schedule both the Consultation Coordination Officer (CCO) meeting and several public meetings for June (including two Spanish-only meetings in the City of Delta and Town of Hotchkiss). The state-funded Minnesota Creek LOMR will update flood hazard information through Paonia and bridge an existing data gap near the confluence with the North Fork Gunnison River. The LOMR hydraulic results and revised flood hazard mapping has been shared with communities for review. Once

community comments have been addressed the LOMR will be submitted to FEMA for processing.

- Ouray Countywide BLE: Hydraulic modeling for the countywide BLE/Discovery effort (for drainage areas greater than 1 square mile) has been completed. The countywide project does not include flooding sources included in the Ouray County PMR. A kickoff meeting for the countywide project was held with communities on 4/17/2024.
- Gunnison County PMR: Hydraulic modeling had been approved by FEMA in the past, but CWCB is waiting for an intergovernmental agreement between the City of Gunnison and Gunnison County. The agreement is to address floodplain management along the Gunnison River hydraulic modeling reaches where the flood hazard data impacts both the City of Gunnison and Gunnison County. Gunnison County has expressed concerns regarding regulating to 2D hydraulic modeling products along the Gunnison River and are requesting consideration of 2D-informed 1-dimensional (1D) models for portions of the major flooding sources for regulatory purposes. The City of Gunnison and Gunnison County are hoping to work on an agreement where Gunnison County areas will mostly be 1D hydraulic models, while Gunnison River hydraulic modeling through the City will remain a 2D model. To date there has been little support from the County's leadership to move forward with this agreement that has resulted in significant project delays. No consensus has been reached on how to proceed for either the Gunnison River portion of the study or the modeling methodologies to finish the Countywide study scope of work.

In order to keep the PMR moving forward to complete portions of Gunnison, CWCB and FEMA are considering reducing the PMR scope to only include flood hazard revisions along Coal Creek near Crested Butte. CWCB has also worked with FEMA for acceptance of a more representative flood hazard mapping approach within Crested Butte that uses shallow flooding mapping areas to map flood hazard in wide overbanks where traditional floodway mapping is not appropriate. This would require the remaining PMR flooding sources in Gunnison to be revised in conjunction with the Countywide BLE project.

- Gunnison Countywide Risk Map: We are currently working with the County to get concurrence on the proposed path forward and scope of work for the County (more details above). Concerns revolve around the hydraulic modeling methodologies to be used for certain flooding sources, as the County would prefer to have as many 1D models as possible. CWCB has agreed to provide the 1D products in areas with significant development pressure. County staff are working to approve a revised MOA that would allow the new countywide project to move forward.

Rio Grande Basin – Alamosa, Costilla, and Mineral Counties have ongoing studies:

- Alamosa County BLE: BLE modeling and draft mapping data for Phase 1 of the countywide study is wrapping up. Modeling near the City of Alamosa has been complex. Discovery meeting materials are being prepared for review. CWCB has coordinated with the City of Alamosa, USACE and FEMA, as the city works toward certification for portions of the existing levee system along the Rio Grande River. After verifying the USACE funding was not able to be used to assist the community with levee issues, it was determined that CWCB will continue the flood hazard delineation study in Alamosa County through the Risk MAP process. The City is working to have USACE provide a feasibility study for the Rio Grande levee systems and is looking to apply for other funding to assist in getting portions of the levee system certified, accredited by FEMA, and allowed to be shown on the revised flood hazard mapping as providing flood protection. More information regarding all existing levee systems is being collected, reviewed and summarized to

allow decisions on levee priorities can be discussed with communities during the Discovery meeting.

- Costilla County Phase 2-3: CWCB continues working with our contractor to complete data development for the remaining effective Zone A stream reaches. Data development has only been possible once high-resolution LiDAR data for these areas was obtained. Hydraulic modeling is on hold for submittal to FEMA review due to some questions that CWCB is working to address concerning four effective Zone A Rito Creek tributaries and a small mining area. Once resolved, the study will move forward with appropriate modeling and mapping to reflect existing flood hazard that appears to be more representative than effective mapping.
- Mineral County: Mineral County's appeal period started on 3/14/2024 and will end in June.

Arkansas Basin – Lake, Chaffee, Custer, Fremont, Pueblo, El Paso, Huerfano, Las Animas, Otero, Bent, Prowers, Baca, Crowley, and Kiowa Counties have ongoing studies:

- Lake County Phase 2: Hydraulic modeling along Georgia Gulch has been completed. CWCB has worked with FEMA and the community to provide representative shallow floodplain mapping options for appropriate overbank areas along Georgia Gulch. Once all modeling and mapping for Georgia Gulch is approved by FEMA, CWCB will coordinate with the communities and hold a Resilience meeting that will include reviewing the revised flood hazard data and discussing changes in flood risk for all flooding sources included in the study.
- Chaffee County Phase 2: Hydrology was approved November 27, 2023 and our contractor is working on hydraulic modeling. Consultation with the communities resulted in leaving the effective approximate floodplain delineation (Zone A) as is for the Chalk Cliffs area. Proposed development in this area will trigger community requirements for additional geological hazards information from developers to support proposed development efforts. More information on non-regulatory product development may be provided in the future if requested by the County. Currently, we have our hydraulic deliverable being reviewed by FEMA, a memorandum to be approved by FEMA for hydrologic analysis methodology, and coordinating with FEMA and the community for concurrence on approaches to flood prone areas with atypical hydraulic connectivity and mapping alternatives.
- Custer County BLE: CWCB has been working with FEMA to accommodate community requests for revised or newly identified flood hazard mapping for streams near existing communities. Additional approximate and detailed flood hazard mapping requested will result in better mapping for impacted communities on flooding sources near the Town of Westcliffe and Town of Silver Cliff. This approximate flood hazard mapping will inadvertently extend into portions of unincorporated Custer County to confluence with Grape Creek.
- Pueblo County BLE: CWCB is working with our contractor to scale back pre-levee assessment efforts (as requested by FEMA) included in the original Phase 2, Year 1 scope. Once contract modifications have been completed CWCB's contractor can continue with surveying required for the data development phase of the study.
- Huerfano County Phase 2: CWCB has coordinated with incorporated communities and Huerfano County on mapping of floodways and shallow flooding areas along the major flooding sources. CWCB will coordinate with FEMA to approved mapping approaches proposed for shallow

flooding areas. We funded an additional task order for our consultant to remodel a few small areas with 1D methods instead of the original 2D, per recent community request.

- Bent County: This floodplain mapping project is on hold as CWCB and FEMA allow the Arkansas River Conservancy District (levee sponsors) to work towards completing the Arkansas River South Levee analysis and certification. There was a meeting December 5, 2023, to discuss proposed approaches for levee certification. The existing levee has previously provided flood protection to the City of Las Animas and portions of unincorporated Bent County. The levee sponsors are working with their contractor to obtain certification and accreditation for the levee so the revised flood hazard mapping would reflect this levee segment as providing flood protection in the Bent Countywide Risk MAP study. CWCB, FEMA, and USACE will continue to coordinate and support the communities and levee sponsors as progress toward levee certification continues. In addition, CWCB provided state funding to develop an Emergency Preparedness Plan and Interior Drainage Analysis for this levee. The EPP has been provided to CWCB for review. Both the EPP and Interior Drainage Analysis products are required as part of the certification and will be included by the levee sponsors as part of their levee certification package. CWCB has made a one-time funding contribution for the sponsors to complete the geotechnical evaluation. Results of the geotechnical information is being used to provide an accurate assessment and identification of the level of effort needed for work associated with obtaining levee certification.
- Otero County: Hydraulic modeling is going through FEMA technical review and we hope the updated submittal will be approved in the coming weeks. This will update floodplain mapping in the Apishapa River area since the previous BLE study had a few inaccuracies.
- El Paso Phase 2 and Templeton Gap (T-Gap) Levee: Data Development continues for updated hydraulic modeling for the El Paso countywide Risk MAP study. Hydrology has already been submitted to FEMA for review. CWCB has provided funding to support coordination between our Risk MAP team and the LOMR Review Partners Team to coordinate on acceptable hydrologic and hydraulic modeling approaches for relative consistency with the ongoing El Paso County study for development projects underway and proposed within these communities. The study also includes addressing data gaps noted in the Templeton Gap pre-levee analyses. While the levee has been shown to provide flood protection in the past, it is not certified/accredited. CWCB's team is working with the City of Colorado Springs, the USACE and FEMA on updated flood hazard mapping in this area. Certification is required to allow the revised flood hazard mapping to reflect the levee providing flood protection. The City of Colorado Springs has funded revised hydrology for the Templeton Gap area that is being used in the hydraulic updates. El Paso County hydrology was approved by FEMA on 2/13/2024 and we are wrapping up hydraulic modeling.
- Las Animas County Phase 2: We are repurposing FEMA FY22 grant funds originally identified for Phase 3 and 4 tasks to help cover the data development for community-requested additional flooding sources. Hydrology and hydraulics revisions are underway. Our consultant obtained additional field survey in March 2024 and we should have hydraulic modeling wrapped up in the next few weeks.
- Fremont County Phase 2: We are wrapping up detailed hydraulic model development for Phase 2. Floodway development is also taking place. Data will be provided to FEMA for review and approval soon. We had a meeting with FEMA on March 24th to discuss some 2D modeling

nuances that need to be addressed before we finalize modeling and mapping, and we are awaiting FEMA guidance before resubmitting the modeling package for their approval.

- Prowers County Phase 2: Base floodplain models are complete and approved. Floodway analysis will be submitted for FEMA review and approval now that base models are finalized. The Flood Risk Review meeting is anticipated to take place in the coming months.
- Towns of Granada/Holly/Lamar (Prowers County) Pre-Levee assessments: The Lamar Levee Analysis and Mapping Procedure (LAMP) is being reviewed. State-funded Interior Drainage Reports and Emergency Preparedness Plans (EPPs) have been reviewed by CWCB and we are wrapping up comments/input by the communities for inclusion into the EPPs.
- Kiowa County: A countywide BLE/Discovery effort was initiated for all flooding sources with drainage areas greater than a square mile within the county. A kickoff meeting with communities took place in December and we will hold a Discovery meeting in the next few weeks.
- Baca County: The project kickoff meeting was held and we're wrapping up the BLE modeling. The Discovery products are in CWCB's court to review, for a meeting with communities in the next few weeks.
- Crowley County: A countywide BLE/Discovery effort was initiated for all flooding sources with drainage areas greater than a square mile within the county. A kickoff meeting with communities took place on February 27, 2024 and we're preparing for Discovery soon.

Yampa/White Basins –Moffat County has an ongoing Risk Map study:

- Moffat County: Hydraulic models for specific flooding sources have been approved by FEMA. CWCB finally received FEMA approval on recommended mapping options along Fortification Creek within the City of Craig. We are proceeding with the updated floodplain mapping and were able to share results with the communities on March 21, 2024. Communities provided minor comments and questions to date. If there are no major concerns, CWCB will move to finalize floodplain mapping and prepare the non-regulatory products for a Resilience meeting very soon.

Dolores/San Juan Basins – La Plata, Dolores, Montezuma, Archuleta, and San Juan Counties, along with the Southern Ute Indian Tribe (SUIT) and Ute Mountain Ute (UMU) Tribe nations, have ongoing studies.

- Southwest Colorado (Montezuma, Dolores, San Juan, La Plata, Archuleta, Hinsdale, Mineral Counties and the SUIT and UMU Tribes) BLE: Our BLE and the Discovery deliverables have been approved. The Phase 2 scope of work will be finalized for detailed study stream reaches once Phase 2 kickoff meetings take place in late May 2024. CWCB has an approved FEMA grant amendment that allows the reallocation of secured funding from the Phase 3-4 scopes of work tasks to accommodate the data development for additional streams that were requested by communities during the Discovery meetings in 2022. Additional funding for re-scoping the Phase 3-4 tasks will be requested in a future FEMA CTP grant cycle.

Multi-Basin Risk Map Projects: Elbert, Mesa, Hinsdale, Lincoln, Saguache, San Miguel, and Teller Counties have ongoing studies that span multiple water basins.

- Elbert County: Phase 2 (Data Development) is underway. Hydrology got approved and hydraulic modeling is underway.
- Mesa County Phase 2: Hydraulics for the Colorado River are approved. The remaining countywide flood hazard mapping is under FEMA review and we expect approval in the coming weeks. CWCB will fund an additional scope of work to get Adobe Creek tie in issues handled with the main Colorado River reach near Grand Junction, CO.
- Flood Risk Information System (Mesa County): Based on additional staff input, minor modifications are being performed on the draft website for this Flood Risk Information System (FRIS) pilot project. CWCB and our Contractor will meet with communities in Mesa County to showcase the site and obtain additional input. Once community feedback has been adequately addressed, the site will go live. This project was preliminarily shown to the Mesa County floodplain administrator in September 2023 and we are very close to wrapping up deliverables.
- Hinsdale County/Lake City Partial Countywide: No comments or appeals were received during due process (that ended November 2, 2024). The LFD was issued March 12, 2024.
- Hinsdale Countywide BLE: Phase 2 scope of work was finalized with the County and we are kicking off field survey efforts in early May.
- Teller County Phase 2: CWCB's Contractor has completed the revised hydrologic analyses for Trout Creek and Fountain Creek. Additional analyses were required to verify flows were reasonable and in line with existing flood flows for the same flooding sources in adjacent counties. Updated reports on the results will soon be shared with the appropriate communities and provided to FEMA for review/approval. Newsletters regarding the revisions will be shared as well. Cripple Creek scope of work might be revised based on the potential to downgrade the effective flood hazard information for some flooding sources due to modeling results reflecting lower flood risk.
- San Miguel Countywide BLE: A countywide BLE/Discovery effort has started initial modeling. An in-person kickoff meeting with communities will be scheduled in the coming months. CWCB and its contractor will be coordinating with communities on identifying new and/or updating effective flood hazard for flooding sources with drainage areas greater than 1 square mile that were not included in the San Miguel PMR (more updates under the CHAMP Ph3 category below).
- Lincoln Countywide: A countywide BLE/Discovery effort has begun for flooding sources with drainage areas greater than a square mile that were not included with the ongoing Lincoln County PMR revisions (summarized below). CWCB's Contractor has completed the BLE modeling, and the Discovery meeting took place on March 11, 2024 to share BLE results and reports.
- Colorado Hazard Mapping Program (CHAMP) Phase 3: This set of studies originated from the Colorado Senate Bill (15-245) which was put forth as a response to the destructive 2013 flooding along the Front Range. This bill released funding to better assess and map various flood related hazards, including debris flows and erosion, throughout Colorado. In this phase CWCB funded a paper inventory reduction effort through various counties across the state. This would replace and update effective FIRM panels with updated digital flood hazard information. Counties that were affected by 2013 floods where local conditions were clearly changed. Several county

projects that were scoped as part of this CHAMP effort are still ongoing, including the ones listed below.

- San Miguel County: This PMR has been on hold for over almost three years pending as-constructed data from the Town of Telluride for the Valley Floor Restoration project. The Valley Floor Restoration project completely re-aligned the San Miguel River to its historic location through open space areas west of the Town. The dramatic changes along the San Miguel River resulting from the project are being revised with an ongoing LOMR on the effective FIRM and FIS information. Once the LOMR has been issued, the as-built project data will be incorporated into the updated San Miguel River hydraulic analysis and flood hazard mapping for the PMR. CWCB will coordinate with San Miguel County communities through in-person meetings to wrap up the Data Development (Phase 2) before moving forward with development of preliminary products (Phase 3).
- Lincoln County Phases 2-3: The Letter of Final Determination was issued on March 12, 2024 and the effective date for this project is September 12, 2024.
- Saguache County: Floodplain mapping has been approved by FEMA for all areas submitted outside of the Town of Crestone. The preliminary products were distributed on January 12, 2024 and the community had 30 days to review and provide feedback on the preliminary products. No comments or issues were raised, and now we are working to prepare the CCO and Public Meeting materials so we can meet again with the communities in the coming weeks.

(Terri Fead, Marta Blanco Castaño)

WATER SUPPLY PLANNING SECTION UPDATES

May 2024 Director's Report Items Water Supply Planning

CWCB Guide

The CWCB Guide, aimed at providing information for CWCB Board, Roundtables, and IBCC, is being refined. Russ Sands and Jeff Rodriguez are sharing the guide's content with roundtables, with more details to be discussed during the Board meeting.

Water Conditions Monitoring:

As of 4/25 the runoff season was underway with statewide reservoir storage at 99% of median and snowpack at 84% of median. The next Water Conditions Monitoring Committee meeting will be held at CSU Spur on May 21, followed by a [Climate Impacts and Vulnerabilities Forum](#) focusing on climate-related vulnerabilities and impacts in Colorado.

Water and Land Use Planning:

The Water and Land Use Alliance met on May 9 for strategic planning at the Headwaters Center in Winter Park, CO. Kevin and Scott Williamson are working on the communications plan and alignment of grant criteria between DOLA and CWCB.

Water Loss Control and Management:

The new committee convened on March 25 to advance its workplan. The next meeting is scheduled for late May to engage water providers across the state on water loss reporting and validator training.

Greening Government Executive Orders:

CWCB staff is assisting with implementing two Executive Orders for greening government initiatives. Progress includes developing water-efficient landscaping policies for state facilities and reducing potable water consumption by at least 2% by the end of FY 2024-25.

Speaking Engagements:

Recent presentations include Emily Adrid and Becky Bolinger at the AWRA/CGWA Symposium, Russ Sands at a Drought Conference in Brazil organized by the World Bank, and Kat Weismiller and Emily Adrid at the National Adaptation Forum in Saint Paul, MN.

Upcoming Events:

May 21 - Climate Impacts and Vulnerabilities Forum, CSU Spur Center

June 21 - WaterShed Summit '24 "One Water Day" with Commissioner Becky Mitchell and Senator Cleave Simpson discussing One Water Planning.

Director's Report - Water Supply Reserve Fund Grants Director's Report – May 2024

WATER SUPPLY RESERVE FUND GRANTS:

The following table summarizes the Water Supply Reserve Fund Grants \$50,000 and under and were approved by the CWCB Director, Lauren Ris, on April 16, 2024.

Basin	Applicant/Grantee	Name of Water Activity	Basin(s) Account Request	Statewide Account Request	Total Request	Staff Funding Recommendation
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Yampa/White/Green	Colorado Cattlemen's Agricultural Land Trust	Ain't Lyon Ranch Irrigation Infrastructure Improvement Initiative	\$9,000	\$0	\$9,000	\$9,000
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INSTREAM FLOW

RECENTLY DECREED ISF WATER RIGHTS: On March 4, 2024, the Division 4 Water Court decreed instream flow (ISF) water rights to the CWCB on Cross Creek in Case No. 23CW3070 for 0.72 cfs (04/01 - 04/30), 1.4 cfs (05/01 - 07/31), 0.85 cfs (08/01 - 08/31), 0.63 cfs (09/01 - 09/30), and 0.27 cfs (10/01 - 03/31), absolute, with an appropriation date of January 24, 2023. The upstream terminus in this case is the headwaters of Cross Creek, and the lower terminus is at the confluence with Lottis Creek. This reach is approximately 2.48 miles long and it flows in a northeasterly direction through parts of Gunnison County. No statements of opposition were filed in this case. High Country Conservation Advocates recommended this ISF water right to protect a self-sustaining population of brown trout residing in Cross Creek.

On April 22, 2024, the Division 4 Water Court decreed ISF water rights to the CWCB on two reaches of Curecanti Creek in Case No. 23CW3073. The upper ISF reach starts at Curecanti Creek's headwaters and flows in a southwesterly direction for approximately 9.9 miles until it reaches the confluence with Commissary Gulch. The flow amount awarded for this upper reach was 1.5 cfs (03/01 – 03/31), 8.5 cfs (04/01 – 07/15), and 2.5 cfs (07/16 – 07/31) with an appropriation date of January 24, 2023. This water right is in addition to an existing ISF on this reach of Curecanti Creek decreed in Case No. 84CW0390, with an appropriation date of May 4, 1984, to the CWCB for 3 cfs (01/01-12/31). The lower ISF reach starts at the confluence with Commissary Gulch and continues to flow in a southwesterly direction for approximately 10.1 miles until it reaches the confluence with Morrow Point Reservoir. The flow amount awarded for this lower reach was 3 cfs (03/01 – 03/31), 11.8 cfs (04/01 – 07/15), 4.8 cfs (08/01 – 09/30), 1.4 cfs (10/01 – 11/30), and 0.6 cfs (07/16 – 07/31) with an appropriation date of January 24, 2023. This water right is in addition to an existing ISF on this reach of Curecanti Creek decreed in Case No. 84CW0391, with an appropriation date of May 4, 1984, to the CWCB for 05 cfs (01/01-12/31). No statements of opposition were filed in this case. Colorado Parks and Wildlife recommended these two reaches for instream protection based on the identified populations of brook trout, Colorado River cutthroat trout, and rainbow trout.

On April 25, 2024, the Division 1 Water Court decreed ISF water rights to the CWCB on Herman Gulch in Case No. 23CW3149 for 0.4 cfs (04/01 - 04/30), 4 cfs (05/01 - 07/31), and 0.7 cfs (08/01 - 08/31), absolute, with an appropriation date of January 24, 2023. The upstream terminus in this case is the headwaters of Herman Gulch, and the lower terminus is at the confluence with Clear Creek. This reach is approximately 3.64 miles long and flows in a southeasterly direction through parts of Clear Creek County. This water right is in addition to an existing ISF on this reach of Herman Gulch decreed in Case No. 84CW0650, with an appropriation date of July 13, 1984, to the CWCB for 2 cfs (01/01-12/31). No statements of opposition were filed in this case. Colorado Parks and Wildlife recommended this ISF water right to protect a self-reproducing population of greenback cutthroat trout residing in Herman Gulch.

**Director's Report Attachment – May 15-16, 2024 CWCB Meeting
Stream and Lake Protection Section De Minimis Cases**

The following table summarizes applications that have the potential to injure the Board's instream flow water rights, but the impact is considered de minimis. In these cases, the cumulative impact to the Board's right is less than 1%. Pursuant to ISF Rule 8(e) (the de minimis rule), staff has not filed a Statement of Opposition in these cases and has provided the required notification to the Division Engineers and applicants.

Applicant Case No.	Water Div.	Applicant	Stream/ CWCB Case No.	ISF Amount (cfs/date)	Individual Injury (%)	Cumulative Injury (%)	Count
23CW3151	5	Cameron E. Zaid West 2012 Irrevocable Trust	Muddy Creek 98CW305	20 (7/15 - 4/30) 105 (5/15 - 6/30) 70 (7/1 - 7/14) 70 (5/1 - 5/14)	0.01390 0.00650	0.02390 0.01150	2
24CW3026	5	Thomas J. Hill	Colorado River 80CW446	135 (1/1 - 12/31)	0.00190 0.00070	0.15038 0.10269	47
24CW3026	5	Thomas J. Hill	Colorado River 80CW447	90 (1/1 - 12/31)	0.00290 0.00110	0.20868 0.14104	47
24CW3026	5	Thomas J. Hill	Colorado River 80CW448	150 (1/1 - 12/31)	0.00170 0.00060	0.13897 0.09665	50
24CW3026	5	Thomas J. Hill	Colorado River 90CW300	40 (5/1 - 8/31) 20 (9/1 - 4/30)	0.00650 0.00490	0.42832 0.46332	27

**May 15-16, 2024 Board Meeting
Instream Flow and Natural Lake Level Program
Summary of Resolved Legal Protection Cases**

The Board's Instream Flow ("ISF") Rule 8i(1) states:

In the event the pretrial resolution includes terms and conditions preventing injury or interference and does not involve a modification, or acceptance of injury or interference with mitigation, the Board is not required to review and ratify the pretrial resolution. Staff may authorize its counsel to sign any court documents necessary to finalize this type of pretrial resolution without Board ratification.

Staff has resolved issues of potential injury in the following five water court cases in which CWCB had filed Statements of Opposition.

STATEMENTS OF OPPOSITION

(1) and (2) Case Nos. 21CW3029 and 21CW3030 (Water Division 5) - Application of Eagle River Water & Sanitation District and Upper Eagle Regional Water Authority

The Board ratified these Statements of Opposition at its July 2021 meeting. Applicants requested “Water Rights and Approval of Plan for Augmentation and Exchange” (21CW3029) and “Water Rights, Change of Water Rights, and Approval of Plan for Augmentation and Exchange” (21CW3030). Staff, in cooperation with the Attorney General’s Office, has negotiated a settlement to ensure that the CWCB’s instream flow water rights will not be injured. CWCB’s stipulations were approved by the Court on March 26, 2024 and March 29, 2024. These cases remain pending before the Judge. Case No. 21CW3029 is set for a 4-day trial to begin on April 18, 2025, and Case No. 21CW3030 is set for a 5-day trial to begin on April 22, 2025.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 5 in the Eagle River watershed that could have been injured by these applications:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
W-3788 (1978)	Eagle River	confl Homestake Creek	confl Cross Creek	11 (10/1 - 4/30) 25 (5/1 - 9/30)	05/12/1978
W-3795 (1978)	Cross Creek	confl E Cross Creek	confl Eagle River	8 (10/1 - 4/30) 20 (5/1 - 9/30)	05/12/1978
W-3796 (1978)	Eagle River	confl Cross Creek	confl Gore Creek	20 (10/1 - 4/30) 50 (5/1 - 9/30)	05/12/1978
80CW0134	Eagle River	confl Gore Creek	confl Lake Creek	35 (10/1 - 4/30) 85 (5/1 - 9/30)	03/17/1980
80CW0126	Eagle River	confl Lake Creek	confl Brush Creek	45 (10/1 - 4/30) 110 (5/1 - 9/30)	03/17/1980
80CW0124	Eagle River	confl Brush Creek	confl Colorado River	50 (10/1 - 4/30) 130 (5/1 - 9/30)	03/17/1980

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

21CW3029:

- Diversions to storage in Bolts Lake shall be considered 100 percent consumptive to the stream. Applicants shall not use any return flows to offset or augment water diverted out-of-priority into storage in Bolts Lake.
- Applicants will line Bolts Lake prior to storage of water therein.

21CW3029 & 21CW3030:

- The exchange or any portion thereof described herein shall only operate in priority and during live stream conditions sufficient to support the rate and volume of the exchange within the exchange reaches on Cross Creek and the Eagle River. Exchange potential will exist when no calling water right within the exchange reach with a priority senior to Applicants' exchanges, including instream flow water rights, will be deprived of water which it would have lawfully diverted or used for instream flows in the absence of the exchange. Out-of-priority diversions will be curtailed if exchange capacity is not available or sufficient upstream augmentation sources are not available to augment the diversions.

21CW3030:

- Diversions for snowmaking at the Minturn Municipal Diversion will only be made: (i) in priority, (ii) pursuant to the decree entered in Case No. 07CW225, or (iii) pursuant to a future augmentation plan. Applicants do not claim snowmaking as a beneficial use under the augmentation plan decreed herein.
- If future development or a change in the future call regime results in out-of-priority depletions greater than 289 acre-feet annually, additional augmentation sources shall be added to this plan pursuant to provision 9.2.7, above, an alternate augmentation plan or substitute water supply plan will be obtained to cover those depletions.
- The accounting for this plan for augmentation must reflect all structures to be augmented under this plan for augmentation and the plan for augmentation decreed in Case No. 07CW225, and the augmentation sources to be used in each plan.

(3) Case No. 22CW3050 (Water Division 5) - Application of Two Creeks Holdings LLC

The Board ratified this Statement of Opposition at its September 2022 meeting. Applicant requested "Storage Water Rights and Approval of Plan for Augmentation Including Exchange". Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water rights will not be injured. CWCB's stipulation was approved by the Court on April 3, 2024.

This case remains pending before the water court Referee.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 5 in the Roaring Fork River watershed that could have been injured by this application:

Appropriated ISF Water Right

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
W-2941 (1976)	Capitol Creek	outlet Capitol Lake	confl Snowmass Creek	10 (1/1 - 12/31)	01/14/1976
W-2943B (1976)	Snowmass Creek	confl Capitol Creek	confl Roaring Fork River	12 (4/1 - 10/15) 11 (10/16 - 3/31)	01/14/1976
92CW0281 (increase)	Snowmass Creek	confl Capitol Creek	confl Roaring Fork River	10.5 (4/1 - 10/15)	09/15/1992
85CW0646	Roaring Fork River	confl Maroon Creek	confl Fryingpan River	30 (10/1 - 3/31) 55 (4/1 - 9/30)	11/08/1985
85CW0639	Roaring Fork River	confl Fryingpan River	confl Crystal River	75 (10/1 - 3/31) 145 (4/1 - 9/30)	11/08/1985

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- Applicant will use the Two Creeks Pond No. 1 as an irrigation control structure for its interest in the Boram and White Ditch water rights for irrigation of historically irrigated lands and must only make such diversions to the pond [or Ponds 2 or 3] when applicant is actively irrigating. Applicant must install a sprinkler irrigation system before using the Two Creeks Pond No. 1 [or Ponds 2 or 3] as an irrigation control structure.
- Applicant will limit its total diversions from the Boram and White Ditch to its pro rata share of its 44/550ths interest in the Boram and White Ditch water rights being diverted at the headgate to ensure there is no expansion of use.
- Applicant may only deliver water to the Two Creeks Pond No. 1-3 through the Boram and White Ditch structure when the ditch is being run for direct flow irrigation.

- Little Elk Creek flows likely consist of irrigation return flows from various ditches. Applicant is not entitled to call for the maintenance of return flows from those ditches.
- The augmentation plan decreed herein does not cover any out-of-priority diversions from Little Elk Creek. Therefore, during a call, Applicant may not use Little Elk Creek, but only fill and refill Two Creeks Pond Nos. 1-3 through the Boram and White Ditch structure, including use of Little Elk Creek as a lateral, to the extent such diversions are being augmented under this plan. Applicant may fill the Two Creeks Pond No.1 directly from Little Elk Creek, as described in paragraph 5.B.iii.2, only when in priority. Little Elk Creek is not a decreed source for Two Creeks Pond Nos. 2 or 3.
- Whenever an administered downstream call occurs on Capitol Creek, Little Elk Creek, Snowmass Creek, or the Roaring Fork River above its confluence with the Frying Pan River, including calls from CWCB instream flow water rights decreed in Case Nos. W-2941(76), W-2943(76), 85CW646, and 92CW281, Applicant will curtail all filling of the Two Creeks Pond Nos. 1-3 by curtailing diversions under the storage rights and not storing any inflows into the ponds, during which time the Applicant shall ensure that the pond levels drop commensurate with evaporation. However, Applicant may continue to use the ponds as irrigation control structures for Applicant's Boram and White Ditch water rights to the extent that Applicant is actively irrigating, with water being detained for no more than 72 hours.

(4) Case No. 22CW3053 (Water Division 5) - Application of NamuRanch LLC

The Board ratified this Statement of Opposition at its September 2022 meeting. Applicant requested "Storage Water Rights and Approval of Plan for Augmentation Including Exchange". Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water rights will not be injured. CWCB's stipulation was approved by the Court on March 26, 2024. This case remains pending before the water court Referee.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 5 in the Roaring Fork River watershed that could have been injured by this application:

Appropriated ISF Water Right

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
W-2946 (1976)	Conundrum Creek	Conundrum Springs	confl Castle Creek	9 (1/1 - 12/31)	01/14/1976
W-2947 (1976)	Castle Creek	headwaters	confl Roaring Fork River	12 (1/1 - 12/31)	01/14/1976
W-2948 (1976)	Roaring Fork River	confl Difficult Creek	confl Maroon Creek	32 (1/1 - 12/31)	01/14/1976
85CW0646	Roaring Fork River	confl Maroon Creek	confl Fryingpan River	30 (10/1 - 3/31) 55 (4/1 - 9/30)	11/08/1985
85CW0639	Roaring Fork River	confl Fryingpan River	confl Crystal River	75 (10/1 - 3/31) 145 (4/1 - 9/30)	11/08/1985

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- Applicant owns 1.0 c.f.s. of the Highland Hope Spring and Ditch water right. At times when this pond water right is in priority or augmented, Applicant may divert a portion (up to 1.0 c.f.s.) of the water delivered to Applicant through the Highland Hope Spring and Ditch to the pond. Applicant will account for this diversion only under the pond's priority and will reduce the amount accounted for under the Highland Hope Spring and Ditch water right by a corresponding amount. No surface runoff and precipitation collected in the pond is decreed herein, and if such water is stored in the pond during a call, all such water shall be released from the pond. The pond will be equipped with a low-level outlet in order to allow for such releases. Applicant will limit its total diversions from the Highland Hope Spring and Ditch to its 1.0 c.f.s., cumulative with diversion associated with the other water storage right decreed herein and diversions associated with its Highland Hope Spring and Ditch water right.
- In the event of a local call on Castle Creek or the Roaring Fork River above the confluence with the Fryingpan River, and below the point of accrual of the augmentation water, Applicant will release water from the Highland Hope Augmentation Pond back to Castle Creek, as necessary to prevent injury caused by out-of-priority storage. Applicant will confirm the exact location of the release point once the pond is constructed and Applicant applies to make that water right absolute. In the event of such a local call, Applicant will continue to store water in the Highland Hope Pond, not to exceed 0.143 acre-feet per year during a local call, so long as diversions for that storage can be replaced through releases from the Highland Hope Augmentation Pond. Applicant's engineer conservatively assumed a local call period from August 1 – September 30, resulting in a total of 0.143 acre-feet release potential from the Highland Hope Augmentation Pond. The attached Table 5

outlines a potential local call augmentation schedule. If a local call on Castle Creek or the Roaring Fork River above the confluence with the Fryingpan River occurs outside the months of August 1 – September 30, all diversions into the Highland Hope Pond and Highland Hope Augmentation Pond will be curtailed, unless there is sufficient augmentation water remaining in the Highland Hope Augmentation Pond to replace evaporative depletions from the Highland Hope Pond. The rate of out-of-priority diversions into the Highland Hope Pond is subject to the 1.0 c.f.s. cumulative flow rate limit imposed by paragraph 5.D.i, above. In the event of a call from the CWCB’s Castle Creek instream flow right decreed in Case No. W-2947-76, administered above the point of accrual of the augmentation water and below the diversion of the Highland Hope Spring and Ditch, Applicant will curtail all storage diversions into the ponds. However, the ponds may continue to be used as irrigation control structures for the irrigation use of Applicant’s senior water right in the Highland Hope Spring and Ditch. In the event the instream flow water right is only being administered below the point of accrual of the augmentation water, then so long as sufficient augmentation water is provided, no curtailment is necessary.

(5) Case No. 18CW3054 (Water Division 7) - Application of Troy R. Hall

The Board ratified this Statement of Opposition at its March 2019 meeting. Applicant requested “Conditional Surface Water Right and Conditional Underground Water Rights, and Approval of a Plan for Augmentation”. Staff, in cooperation with the Attorney General’s Office, has negotiated a settlement to ensure that the CWCB’s instream flow water rights will not be injured. CWCB’s stipulation was approved by the Court on March 20, 2024. The final decree was entered on March 25, 2024.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 7 in the Animas River watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
W-1763 (1977)	Florida River	outlet Lemon Res	confl Salt Creek	14 (10/15 - 6/30) 7 (7/1 - 10/14)	01/19/1977
W-1764 (1977)	Florida River	confl Salt Creek	confl Animas River	20 (10/15 - 6/30) 12 (7/1 - 10/14)	01/19/1977

In addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- The Hall Well/Ponds are not lined and will obtain well permits in accordance with the Plan for Augmentation described in Paragraph 7, below. When out of priority, Applicant will not apply any water from the Hall Well/Ponds to beneficial use and will augment the evaporative losses therefrom according to the Plan for Augmentation decreed herein.

- Applicant shall install a measurement device on the Hall Ditch near the headgate of the Hall Ditch and all other measuring devices required by this Decree and shall comply with the orders of the Division Engineer regarding measuring devices and administrative structures. An initial accounting form is provided in Exhibit D. This accounting form may be modified as needed in the future upon approval of the Division Engineer. Applicant shall keep records and make reports as reasonably requested by the Division Engineer.

FINANCE SECTION

Two Rivers Water & Farming Company / Two Rivers Farms F-2, Inc. – Loan Default

Background:

The annual loan payment for loan contract #C150328A (CT2015-0164) that was due on March 1, 2023. The Board assessed a late fee of 5% of the annual payment (\$3,800.34). That fee increased the amount due to \$79,807.12.

The borrower failed to cure the delinquency which resulted in the entire balance declared in default in December of 2023. This also resulted in the loan bearing an interest rate of 7% per annum.

Update:

The Two Rivers bankruptcy case:

Two Rivers is currently scheduled to file a plan of reorganization on or about May 5, 2024. Until that time, we are in a holding pattern.

Counsel for Two Rivers asserts that the Buxman loan and deed of trust were released. This did not come up in our title report. Two Rivers' counsel has promised to provide it soon. If true, it would significantly reduce the number of people we have to serve if the CWCB proceeds to foreclosure at some point.

Two Rivers is working with Marksheffel and is also trying to get financing or a sale to payoff CWCB.



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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P (303) 866-3441
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Jared Polis, Governor

Dan Gibbs, DNR Executive Director

Lauren Ris, CWCB Director

To: Colorado Water Conservation Board Members

From: Lauren Ris, Director

Date: May 15-16, 2024 Board Meeting

Directors Report: Severance Tax Operational Fund Approvals

The Programs, Projects, and Operational Activities shown on Table 1 were reviewed and approved by the CWCB Director. The funding source is the Severance Tax Operational Fund. Funding is available for the items listed on July 1, 2024 through June 30, 2025.

Background: CWCB has access to up to a 5% share of the Severance Tax Operational Fund managed by DNR. Funding becomes available from the Operational Fund on July 1 each year via the Long Bill enacted by the General Assembly. Per CWCB Policy 18, as approved by the CWCB Board in May 2022, requests for Programs, Projects, and Operational Activities are submitted by staff; reviewed by CWCB's Section Chief's and recommended for final approval by the CWCB Director. CWCB expects to have \$1,200,000 in available funding this year; however, should that amount change or projects fail to materialize as planned, the funding will also be revised.

A final report of all funds spent will be provided to the Board at the September 2025 Board Meeting.



Table 1
SEVERANCE TAX OPERATONAL FUND
FOR FUNDING FROM JULY 1, 2024 TO JUNE 30, 2025

#	Name of Activity/Project/Ops	Description of the proposed Activity/Project/Operational Activity	Sponsor Section	PM	Cost	Matching	Recommend
Preliminary CWCB Supported Activities/Projects/Operational Needs							
1	ISF outreach/education/travel	In most years, the Stream and Lake Protection Section has budgeted between \$30,000 and \$40,000 to fund operating expenses such as travel, telecomm, printing, equipment, official functions, and conference registrations. However, those funds have been supplemented in most years by the Section's Severance Tax Operational Fund Education and Outreach Project, which historically has been funded at \$35,000. The Section's operating budget can vary significantly from year to year depending on the amount of outreach activities that are required to address issues associated with new instream flow (ISF) appropriations, acquisitions, legal protection, and implementation of Colorado's Water Plan, including Section staff's involvement in stream management plans and Water Plan grants. Staff estimates that \$35,000 of supplemental funding will be required to address travel associated with meetings, fieldwork, and other outreach activities related to over 60 ISF new appropriation recommendations, ISF water acquisitions generated from the Request for Water Acquisition Program, stream management plans.	Instream Flow	Rob Viehl	\$35,000		\$35,000
2	Weather Modification, New Remote Generator	Installation of a new remote generator for weather modification. The generator will be deployed in either a new county on the West Slope or within one of the existing permitted programs. Weather modification is the only tool that adds water to the system.	Interstate & Federal	Andrew Rickert	\$100,000		\$125,000
3	Flood Mitigation and Project Compliance	The CWCB has identified a substantial need for identification of deficiencies to flood mitigation projects throughout Colorado, a point vastly reinforced by the devastating floods of September 2013 and the post-wildfire events experienced in recent years. Funds from this program will be used to develop solutions to bring these projects back into technical or regulatory compliance. In some cases, some financial assistance may be provided to smaller communities to perform required one-time maintenance activities for regulatory purposes provided that the local governments and other entities benefiting from the project expend as many local resources as available to perform the work. The focus of this work will be to address local requests as well as identification and design of projects that can be implemented or upgraded to reduce the flood risk. The best example of the use of these funds are the current nationwide focus on the condition of levees, which has already impacted some Colorado communities and is expected to impact many more in the coming years. Many of these levees and other flood control/mitigation projects are located in small or impoverished communities throughout the state that are in need of both technical and, in some cases, financial assistance. Finally, the section is evaluating the impacts of climate change to flood flows, and funds from this account could be used for a portion of this work. The CWCB staff is requesting this Severance Tax non-reimbursable investment to provide a means of cost-sharing with local entities and other agencies to accomplish the much needed work. Cost-sharing will be emphasized when practicable to leverage the severance tax dollars.	Watershed & Flood Protection	Kevin Houck	\$300,000	Local match as applicable (usually 50%)	\$150,000
4	Community Assistance Program Non-Federal Cost Share	To provide technical and administrative assistance for communities in the state for administering floodplain regulations and other related issues. To assist communities in adopting updated floodplain management regulations, including the requirements promulgated in the Rules and Regulations for Floodplains in Colorado. IMPORTANT NOTE: This is twice the historical request because FEMA has expanded the program to two positions beginning in July.	Watershed & Flood Protection	Kevin Houck	\$300,000	FEMA federal funding grant pays 75% of costs, this request pays 25%	\$75,000
5	Agency Ops	CWCB utilizes this authorization for efforts that are focused on advancing the CWCB Mission	Agency	Anna Mauss	\$50,000		\$100,000
6	Grant/Loan Portal	Updates to Grant/Loan Portal	Operations	Cole Bedford	\$50,000		\$50,000

7	IFWI post-2026 negotiations education, outreach, other needs	The current guidelines for operations of Lake Powell and Lake Mead expire at the end of 2025 and Colorado is currently working with the other Basin States to negotiate post-2026 operations of these reservoirs. This will require significant technical and other resources, and will also require significant outreach across the state to ensure water users are fully informed of this process, the State's priorities and strategies, and the status of ongoing negotiations. This may require a number of tools and resources, including but not limited to facilitation support to receive input from across the state, infographic development, videos and commercials, and other public outreach support.	Interstate, Federal, and Water Information Section	Amy Ostdiek	\$200,000		\$200,000
8	Climate Change Community Impacts Report	On the heels of the 2023 Climate Change in Colorado Report, the CWCB has worked with Western Water Assessment and CSU on a Phase I and Phase II analysis of how climate change impacts and natural hazards will impact communities. This final Phase of work will produce the report and support staff-led workshops that seek to identify how local planning can make practical use of climate data to identify local impacts to water, infrastructure and people.	Water Supply Planning Section	Russ Sands	\$150,000		\$125,000
9	Floatovoltaics Report Development	In 2023, the Colorado General Assembly passed and Governor Jared Polis signed into law Senate Bill 23-092, An Act Concerning Opportunities for Voluntary Emission Reductions in Agriculture, and, in Connection Therewith, Making an Appropriation. Section 4 of the Act directs that "the [Colorado Water Conservation] Board, in consultation with the State Engineer, the Colorado Energy Office, and the [Colorado Water] Institute, shall conduct a study to determine the feasibility of the use of floatovoltaics as a means of increasing the beneficial consumptive use of state waters by reducing evaporation from, and lowering temperatures of, irrigation canals and reservoirs..." For the 2023/2024 Fiscal Year, the Board allocated \$50,000 for the research and technical analysis phase of the work necessary to execute the legislative directive. That having been completed, the second phase is to translate that work into a report to be submitted to the General Assembly in December 2024. The cost of the second phase of the work is \$15,000.	Operations	Cole Bedford	\$15,000		\$15,000
10	CWCB GIS Support	The utility and need for GIS software has increased in the last several years and renewal costs have increased as well - exceeding the Interstate & Federal section's ability to cover it all from section funds. This request would cover the GIS software renewal costs for all sections of the CWCB (CWCB's portion of DNR's Enterprise GIS system will come from other sources.)	Interstate & Federal	Carolyn Kemp	\$58,000		\$58,000
11	MT-2 Training for Colorado Map Revision Requests	CWCB became a FEMA LOMR Review Partner (LRP) in 2020. This allows CWCB's Cooperating Technical Partners (CTP) team (staff and contractors) to provide technical review, Flood Insurance Rate Map (FIRM) revision case processing, and recommendations to FEMA on approval of MT-2 map revision requests within Colorado (outside the Mile High Flood District). Annual FEMA grant funding is obtained to support implementation of the program. The CWCB LRP program provides communities, property owners, developers, agencies and other applicants access to an experienced team and associated resources to navigate FEMA's MT-2 process to successfully complete revision requests. With the wide range of community and applicant experience with FEMA's process across our state, CWCB is planning to develop and host a series of in-person and virtual trainings/webinars specific to Colorado map revisions for our constituents/applicants. The intent is to walk through map revision requirements, the MT-2 process, answer questions, explain how to meet federal, state and local requirements, prepare complete revision request packages, and avoid common errors, costly mistakes, and significant delays.	Watershed & Flood Protection	Terri Fead	\$50,000		\$50,000
12	CSU/Mazdak Arabi (Scenario Investigation for Integrating Water Quality & Land Use)	This request is for \$70,000 to advance work to integrate water quality and land use information from Colorado State University's Polaris modeling tool into the next round of Water Plan Scenarios. The funding will support efforts to reproduce the data and modeling products for the new scenarios.	Water Supply & Planning	Kat Weismiller	\$70,000		\$70,000

SubTotal Agency \$1,053,000

Higher Education Study/Projects

HE1	Research/Study	Streamflow prediction for Colorado ungauged basins	CSU / Kampf	ISF	\$50,000		\$50,000
HE2	Research/Study	Producer-led Solutions to Overcoming Adaptation Barriers for Colorado Agriculture	CSU / Teel	WSP	\$48,147		\$48,147
HE3	Research/Study	Hydrologic Modeling to Investigate Irrigation Impacts on The White River Stream-Aquifer System	CSU / Bailey	IF	\$49,407		\$47,407
HE4	Research/Study	Monitoring and Sustainable Use of Water by Advanced Technologies and Educational Resources	CSU / Valipour		\$50,000		\$0
					SubTotal HigherEd		\$145,554
					Total		\$1,198,554



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street
Denver, CO 80203

P (303) 866-3441
F (303) 866-4474

Jared Polis, Governor

Dan Gibbs, DNR Executive Director

Lauren Ris, CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Kirk Russell, P.E., Finance Section Chief

Board Meeting: May 15-16, 2024 Board Meeting

Directors Report: Water Project Loans
Interest Rates

Introduction

The CWCB establishes interest rates bi-monthly for the Water Project Loan Program (per Financial Policy #7).

The current rates for a 30-year term are as follows:

- 2.00% - Agricultural
- 2.85% - Low-income Municipal
- 3.25% - Middle-income Municipal
- 3.65% - High-income Municipal
- 6.00% - Commercial
- 2.00% - Hydroelectric

The standard loan term is 30 years. Rates are reduced by 0.25% for 20-year loans, and by 0.95% for 10-year loans. Rates are increased by 0.25% for 40-year loans.

The rates can also be found on the CWCB web site under the “Loans and Grants” tab. These rates will be applicable for loans presented at this Board meeting.





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Jared Polis, Governor

Dan Gibbs, DNR Executive Director

Lauren Ris, CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Matthew Stearns, P.E., Project Development

DATE: May 15-16, 2024 Board Meeting

DIRECTORS REPORT: Water Project Loan Program
Prequalified Project List and Loan Prospect Summary

The Finance Section compiles a list of prequalified projects for the Water Project Loan Program. In order to be included on this list, potential borrowers must submit a Loan Application and three years of financial statements to the CWCB staff. In addition, Borrowers requesting to be placed on the Prequalification Project List have a defined project, have performed preliminary engineering, and have a reasonable estimate of the project costs.

Projects on this list fit the initial criteria of the Water Project Loan Program; however, the list does not constitute loan approval. In order to receive a loan, borrowers must additionally submit a completed Loan Feasibility Study for review by CWCB staff. Staff will then prepare a recommendation to the Board for approval at a future CWCB meeting. Projects will remain on this list for one year from the date of the application or until Board approval of a loan.



Prequalified Project List

BORROWER	PROJECT NAME	APPLICATION DATE	BASIN	PROJECT DESCRIPTION	PROJECT COST/LOAN AMOUNT
Previously Approved Applications					
Sustainable Water Augmentation Group, Inc.	Water Rights Purchase	July 1, 2022	Rio Grande	The Corporation is purchasing two irrigated farm/ranch properties where 39 center pivot irrigation circles will be retired, and surface water rights will be used to replace stream depletions to the Rio Grande caused by groundwater withdrawals of member wells.	\$39,200,000
High Line Canal Company	High Line Canal Diversion Rehabilitation	February 15, 2024	Arkansas	The Company is seeking a loan and WSRF grant funding package to complete final design and reconstruct a diversion dam across the Arkansas River. The project will also rehabilitate the existing canal inlet structure and gates.	\$3,910,000
Total					\$43,110,000



The Finance Section also compiles a list of potential borrowers/projects for the Water Project Loan Program. This list represents borrowers that have contacted the CWCB about a potential need for funding but have not submitted a loan application and loan feasibility study. Projects are also identified if they have a Health/Safety (*), Economic Impact (†), or Federal Match (‡) component.

BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
South Platte		
NISP Participants	NISP	\$750,000,000
Woods Lake Mutual Ditch Company	Culvert Replacement	\$150,000
Town of Kersey	Water Line Project	TBD
Riverside Reservoir and Land Company	Ditch Rehabilitation	\$250,000
Town of Bennett	Raw Water Tank	\$500,000
Evergreen Metro District	Evergreen Dam Enlargement	TBD
Left Hand Water District	Dry Creek Reservoir	TBD
Shawnee Water Consumers Association	Reservoir Rehabilitation	\$200,000
Boulder and White Rock Ditch & Res. Co.	Reservoir Dredging	TBD
Western Mutual Ditch Company	Reservoir Dredging	TBD
Bergen Ditch and Reservoir Company (*)	Reservoir Rehabilitation	\$140,000
Louviers Water and Sanitation District	Regional Connection	TBD
City of Fort Collins	Irrigation Ditch Piping	\$20,000,000
City of Fort Collins	Halligan Reservoir Enlargement	\$120,000,000
SPROWG Participants	SPROWG	\$1,800,000,000
City of Milliken (*)	Hillsboro Dam Rehabilitation	\$15,000,000
Colorado Parks and Wildlife (*)	Tarryall Dam Rehabilitation	\$5,000,000
Standley Lake Operating Committee	Reservoir Expansion	TBD
Switzerland Park HOA	Reservoir Rehabilitation	\$300,000
Danna Ortiz	Knouth Reservoir Rehabilitation	\$3,000,000
Loup Reservoir Company	Loup Reservoir Rehabilitation	TBD
Arthur Irrigation Company	Ditch Rehabilitation	TBD
Handy Ditch Company	Welch Reservoir Rehabilitation	\$1,000,000
Glacier Lake Property Owners	Glacier Lake Outlet Rehabilitation	TBD
Central, City of	Raw Water Pipeline	TBD
Denver, City of	Floodplain Improvement	TBD
Consolidated Mutual Water Company (*)	Reservoir Rehabilitation	TBD
Wadley Farms 3 HOA	Reservoir Rehabilitation	TBD
Loveland Lake and Ditch Company	Reservoir Rehabilitation	TBD
Inverness Water and Sanitation District	Reservoir Improvements	\$2,000,000
Cottonwood Water and Sanitation District	Reservoir Improvements	\$1,600,000
Arapahoe County W/WW Authority	Reservoir Improvements	TBD
Silver Lake Ditch Company	Tunnel Rehabilitation	\$150,000
Highland Ditch Company	Raw Water Pipeline	TBD
Larimer and Weld Irrigation Company	Diversion Dam Replacement	TBD
Subtotal		\$2,719,290,000



BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
Arkansas		
Town of Manitou Springs	Raw Water Pipeline	\$3,000,000
City of Woodland Park	Storage Project	\$1,000,000
Fort Lyon Canal Company	Adobe Creek Enlargement	\$8,000,000
Holbrook Ditch Company	Reservoir Enlargement	TBD
Lake County	New Reservoir	TBD
Catlin Canal Company	Canal System Improvement	\$1,500,000
Donala Water and Sanitation District	Ditch Construction	TBD
Mesa McKenna Mutual Ditch Company	Ditch Piping Project	TBD
Town of Avondale (*)	New Well	TBD
Fort Lyons Canal Company (+)	Diversion Structure Repair	\$500,000
Aguilar, Town of (‡)	New Augmentation Reservoir	TBD
Huerfano County	Water Rights Purchase	\$1,200,000
High Line Canal Company	Diversion Structure Repair	\$3,910,000
Lincoln Park Crooked Ditch Company	Ditch Rehabilitation	TBD
Huerfano Cucharas Irrigation Company	Reservoir Rehabilitation	\$200,000
Fruitland Water Company	Ditch Piping Project	\$400,000
Walsh, Town of	Water Rights Purchase	\$560,000
Deweese Dye Ditch Company	Outlet Pipe Rehabilitation	\$100,000
Triview Metropolitan District	New Reservoir	\$8,000,000
Subtotal		\$28,370,000
San Miguel/Juan		
Town of Bayfield	Ditch Piping Project	\$500,000
Redmesa Reservoir and Ditch Company(*)	Redmesa Reservoir Enlargement	\$11,500,000
City of Cortez	Distribution System (Loss Prevention)	\$10,000,000
Webber Ditch Company (‡)	Ditch Piping Project	TBD
Pagosa Area Water and Sanitation Dist. (*)	Raw Water Pipeline Rehabilitation	TBD
Farmers Water Development Company	Reservoir Rehabilitation	TBD
Lone Cone Ditch and Reservoir Company	Reservoir Rehabilitation	TBD
Sellers McClane Reservoir and Ditch Co.	Reservoir Rehabilitation	TBD
Montezuma Valley Irrigation Company	Ditch Piping	\$3,100,000
Forest Lakes Metropolitan District	Dam Rehabilitation	TBD
Subtotal		\$25,100,000
Colorado		
Orchard Mesa Irrigation District	Lateral Piping	\$300,000
Silt Water Conservancy District	Harvey Gap Reservoir	\$300,000
Middle Ditch	Ditch Piping Project	TBD
New Multa Trina Ditch Company (‡)	Ditch Piping Project	TBD
Gunther Covers	Christenson Dam	TBD
Town of Minturn	New Well Field	\$5,220,000
Flannery Water Company, LLC	Reservoir Rehabilitation	TBD
Fruita, City of	Reservoir Rehabilitation	TBD
Circle C Ranch	King Dam Rehabilitation	TBD
Royal Elk Ranch	Ditch Rehabilitation	\$2,000,000
Clifton Water District	New Reservoir	\$8,000,000
Subtotal		\$15,820,000



BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
Gunnison		
Bostwick Park Water Conservancy District	Dam Construction	TBD
Ouray, City of	Water Supply Pipeline	\$750,000
Grand Mesa Water Users Association	Reservoir Rehabilitation	\$600,000
Crested Butte, Town of	Dam Outlet Rehabilitation	TBD
Olathe, Town of	Water Meter Replacement	TBD
Lone Cabin Ditch Company	Ditch Rehabilitation	TBD
Otter Pond HOA	Dam Rehabilitation	\$650,000
Project 7 Water Authority	Raw Water Pipeline	TBD
Subtotal		\$2,000,000
North Platte		
Colorado Parks and Wildlife (*)	North Michigan Creek Reservoir	\$6,000,000
Spicer Ranches, LTD	Reservoir Rehabilitation	TBD
Walden, Town of	New Well	TBD
Subtotal		\$6,000,000
Rio Grande		
Manassa Land & Irrigation Co.	Ditch Rehabilitation	\$6,000,000
Baca Grande WSD	Water Rights Purchase	\$1,000,000
Sanchez Ditch and Reservoir Co.	Dam Rehabilitation	\$4,000,000
Rio Grande WCD - Subdistrict #1	Water Rights Purchase	\$5,000,000
Colorado Parks and Wildlife	Alberta Park Dam Rehabilitation	\$4,000,000
La Jara, Town of	System Rehabilitation	TBD
Crestone, Town of	Water Rights Purchase	\$200,000
San Luis Valley WCD	Water Rights Purchase	\$500,000
Rio Grande WCD	Water Rights Purchase	\$3,000,000
Crawford Water Conservancy District	Ditch Rehabilitation	\$465,000
Subtotal		\$24,165,000
Yampa		
Town of Oak Creek (*)	Reservoir Rehabilitation	\$5,600,000
Rio Blanco WCD	Wolf Creek Reservoir	\$100,000,000
Bear River Reservoir Company	Stillwater #1 Dam Rehabilitation	TBD
Marc Etchart	Procter Reservoir Rehabilitation	TBD
Rio Blanco Water Conservancy District	Hydro Rehabilitation	\$2,000,000
Subtotal		\$107,600,000





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Jared Polis, Governor
Dan Gibbs, DNR Executive Director
Lauren Ris, CWCB Director

To: Colorado Water Conservation Board Members

From: Kirk Russell, P.E., Finance Section Chief
Jessica Halvorsen, Program Assistant

Board Meeting: May 15-16, 2024 Board Meeting

Directors Report: Water Project Loan Program, Design & Construction Status Report

The CWCB Loan Program has Substantially Completed (6) projects in Fiscal Year 23/24 as shown in the Table. There are currently (52) projects authorized to receive loan funding totaling \$454M. There are (47) projects currently under contract and in the Design/Construction phase totaling \$255M. The attached spreadsheet summarizes the status of all loans. A detailed description about each project is provided on the CWCB website under Water Project Loan Program. cwcw.colorado.gov/loans-grants/water-project-loan-program

	Borrower	Project	County	Loan Amount	Complete
1	Sunnyside Park Ditch Company	Sunnyside Park Ditch Piping	Chaffee	\$510,915	8/1/23
2	City of Grand Junction	Carson Reservoir Dam Rehabilitation Project	Mesa	4,343,000	1/24/24 (a)
3	Orphan Wells of Wiggins	Kiowa Creek Dam Rehabilitation	South Platte	\$357,873	3/1/24
4	Billings Ditch Company	Billings Ditch Implementation Project	Rio Grande	\$126,250	3/1/24
5*	East Mesa Water Company	East Mesa Emergency Ditch Repair	Colorado	\$43,347	5/1/24
6*	Oxford Farmers Ditch Company	Chicosa Siphon Repair	Arkansas	\$1,323,979	5/1/24
	* included in Director's Report		Total	\$6,705,364	

Fiscal Year 23/24 has added and preserved 637 acre-feet of reservoir storage; (a) 637af





East Mesa Emergency Ditch Repair

East Mesa Ditch Company
Substantially Complete May 1, 2024

The East Mesa Ditch suffered from the collapse of two sinkholes - pictured below - effectively cutting the ditch off from the lower third of shareholders. The sinkholes were filled and approximately 1,500 feet of ditch was piped.



Project Description

The East Mesa Water Company (Company) provides irrigation water to approximately 740 acres for 12 shareholders. Irrigated acreage within the Company's service area is primarily used for cattle ranching, and to grow hay and forage crops.

In September 2023, a portion of the lower ditch collapsed into two sinkholes, leaving about a third of the Company's service area without access to irrigation or stock water. The Project included filling in the sinkholes, realigning the ditch away from potential sinkholes based on a geophysics analysis, and piping it to protect against additional sinkhole development. The Project began in October 2023 and construction was completed March 2024 in time to receive water in the ditch for spring runoff.

P R O J E C T D A T A		
<i>Sponsor:</i> East Mesa Water Company	<i>County:</i> Garfield	<i>Water Source:</i> Crytal River
<i>Type of Project:</i> Ditch Piping		<i>Board Approval Date:</i> September 2023
<i>Loan Terms: (Original)</i> \$418,140.00 @ 1.90% <i>(Final)</i> \$43,347.94 @ 1.90%		
<i>Design Engineer:</i> Water Resource Consultants, LLC.		
<i>Contractor:</i> Sierra Excavating		



The Chicosa Creek Siphon suffered 4 blowouts in 2023 - each time cutting off 90% of Oxford Farmers Ditch Company's shareholders from water. A cure-in-place liner was used to repair the pipe before the 2024 irrigation season.



Project Description

The Oxford Farmers Ditch Company (Company) provides irrigation water to 433 farms in Pueblo and Otero Counties to grow corn, wheat, alfalfa, hay grazer, and onion, as well as supplying water for cattle grazing and municipal users - providing major economic benefits for the region. The Company's ditch crosses under the Chicosa Creek via the 1,800 ft wooden Chicosa Siphon.

Low flow conditions on the Arkansas River from 2020 to 2022 caused sediment to build up and restrict the siphon by 80%. Between April and July 2023, because of the sediment built-up, the Company's Chicosa Siphon experienced 4 blowouts that required the Company to provide costly emergency repairs - each time shutting off water to 90% of the shareholders. The Company used a cure-in-place liner to repair the siphon after the 2023 irrigation season. The liner provided a self-supported cheaper and quicker alternative to fully replacing the siphon with concrete pipe. The siphon was repaired in time for the 2024 irrigation season.

P R O J E C T D A T A		
<i>Sponsor:</i> Oxford Farmers Ditch Company	<i>County:</i> Otero	<i>Water Source:</i> Arkansas River
<i>Type of Project:</i> Ditch Rehabilitation		<i>Board Approval Date:</i> September 2023
<i>Loan Terms: (Original)</i> \$1,515,000.00 @ 1.90% <i>(Final)</i> \$1,323,979.38 @ 1.90%		
<i>Design Engineer:</i> Arkansas Groundwater and Reservoir Association		
<i>Contractor:</i> Change the World Custom Linings		

PROJECTS UNDER CONTRACT

PROJECT						STATUS		
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
Amity Mutual Irrigation Company	Queen Reservoir Dam Rehabilitation	Arkansas	CT2021-2224	\$2,600,000	Joshua Godwin	100%	5%	Construction to begin June 2024. Contractor waiting for materials that were delayed.
Board of Water Works of Pueblo	Southside Diversion Dam Improvement Project	Arkansas	CT2024-1240	\$9,750,000	Joshua Godwin	100%	50%	The project will update a large diversion structure on the Arkansas River. Design work is complete. Project Bidding took place in September 2023. Construction work is currently underway and expected to be complete Fall 2024.
Breckenridge, Town of	Goose Pasture Tarn Dam Rehabilitation	Colorado	CT2023-0673	\$13,000,000	Cole Bedford	100%	98%	The project has been under construction since 2020. This loan is intended to cover the costs of the second half of the project which is starting in the fall of 2022. The first draw took place in December 2022. Construction will continue into 2024.
Crawford Clipper Ditch Company	Crawford Clipper Ditch Improvements	Gunnison	CT2024-2009	\$750,000	Joshua Godwin	100%	60%	Earthwork on stabilizing pond began at the beginning of Feb. Easements for sedimentation pond were acquired. Construction is on schedule.
Dove Creek, Town of	Reservoir No. 2	Southwest	CT2022-3321	\$800,000	Joshua Godwin	80%	0%	Project is construction of a new storage reservoir for municipal supply. The Town also received an \$800,000 WPG for the project. Subsequent engineering work suggests costs will exceed current funding. The Town is pursuing additional funds. 100% design is expected to be sent to Dam Safety mid-April.
Duke Ditch Company	Piping the Duke Ditch	Gunnison	CT2017-0915	\$90,000	Matt Stearns	100%	0%	NRCS finalized the design in August 2018. Federal grant expired. Company is evaluating options of applying for a loan increase and completing project without federal grant dollars.
Florida Consolidated Ditch Company	Hess Lateral Improvement	Southwest	CT2019-2034	\$1,075,000	Kirk Russell	100%	0%	Company received a Water Smart Grant in Aril 2023. This \$2M will help cover the increase of construction costs since the original bid in 2020. Project remains onhold. Staff changes and funding complications. grant contracts have been extended.
Florida Consolidated Ditch Company	Florida Canal Diversion Replacement	Southwest	CT2021-2890	\$750,000	Matt Stearns	100%	95%	This project is the replacement of a low head dam diversion structure with multibeneficial outcomes. Construction began October 2023 and the contractor demobilized in December 2023. Contractor will return in the spring to revegetate and perform some landscaping.
Fort Morgan Farms, LLC	Delta Water Storage Phase 1	South Platte	CT2021-2222	\$8,982,000	Zach Salin	100%	75%	Site visit with Borrower 4/18/24. Intermediate storage of 750 af bypassed, project proceeding with construction of full depth reservoir. Spillway design proceeding, will be installed concurrent with mining operations. Mining expected to continue through 2029-2030.
Fort Morgan Reservoir and Irrigation Company	Augmentation Pump Replacement Project	South Platte	CT2023-3300	\$1,753,000	Cole Bedford	100%	98%	Construction is complete on new pumps and new pump house. One final pay request is expected for final punch list items and a pressure relief valve then the loan will be closed out.
Fruitland Irrigation Company	Tunnel and Canal Renovation	Gunnison	CT2019-2848	\$1,729,000	Kirk Russell	100%	80%	Company may need to request additional loan funds. Contracts have been extended.
Genesee Water and Sanitation District	Genesee Reservoir No. 1 Enlargement	South Platte	CT2021-2851	\$5,500,000	Cole Bedford	100%	98%	The District was approved for this loan in Sep 2020 and a Water Plan Grant followed in March 2021. Bids were received in June 2021 and were well above expectations. A loan increase request was approved at the September 2022 Board meeting. Construction is now under way.
Glenwood Springs, City of	System Redundancy and Pre-Treatment Improvements	Colorado	CT2021-3104	\$8,000,000	Kirk Russell	100%	99%	This Wildfire Emergency Loan will improve the infrastructure for Glenwood Springs' water collection system to cope with increased sediment in their source waters as a result of the Grizley Creek Fire in 2020. Construction complete. The loan will be SC June 1, 2024
Grand Junction, City of	Kannah Creek Flowline Replacement	Gunnison	CT2023-0568	\$3,200,000	Joshua Godwin	100%	98%	Construction complete. Advertisement to realize final retainage being sent out. Awaiting final invoices.
Grand Junction, City of	Purdy Mesa Flowline Replacement	Gunnison	CT2021-2857	\$7,000,000	Joshua Godwin	100%	50%	Grand Junction's half of construction complete. Working through easement acquisition for second half. Expecting to start second half in early 2024.
Grand View Canal Irrigation Company	Grand View Canal Improvements	Gunnison	CT2024-3469	\$500,000	Joshua Godwin	90%	33%	Demolition and rebuild of diversion structure underway.
Grand View Irrigation Company	Siphon Repair Project	Arkansas	CT2023-2058	\$350,000	Joshua Godwin	100%	98%	Construction complete. Awaiting borrower to initial substantial completion process.
Groundwater Management Subdistrict of CCWCD	Hokestra Reservoir Purchase	South Platte	CT2020-2248	\$5,390,500	Zach Salin	100%	75%	ZCS reconstructed budget, identified approx \$20k in overcharge, will deduct from next PR Disbursal.
Groundwater Management Subdistrict of CCWCD	Pioneer Reservoir	South Platte	CT2019-3687	\$8,611,000	Zach Salin	100%	75%	Completed review of project budget/disbursals. Currently 69.1% paid out. Water deliveries beginning to res. CCWCD working on outlet pump station, reseeding, etc. Contract Extension initiated with Kaylee, will be in-place prior to expiration. Current PR disbursal on hold until extension confirmed.

PROJECTS UNDER CONTRACT

	PROJECT						STATUS		
	Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
20	Hidden Valley Water District	Master Water Meter Connection	South Platte	CT2020-2244	\$1,720,000	Kirk Russell	100%	95%	Assets and operations are all to the District. District signed and approved EMD IGA. Precon Dec2019. Construction begin Feb 2020. EMD connect 7/2020. Construction complete, final walkthru Aug2020. Working on IGA with EMD. Continued water court proceedings by EMD.
21	Keensburg, Town of	Alluvial Water Rights Extension Project	South Platte	CT2024-2007	\$2,100,000	Joshua Godwin	0%	0%	Contact made with new town manager and working through process to purchase water rights.
22	Last Chance Ditch Company	Measurement Structure Reconstruction Project	South Platte	CT2024-3122	\$197,960	Zach Salin	100%	0%	Flume replacement complete. Still working on telemetry/controls, re-seeding, contractor demob, etc. Ditch resumed flows 18 April. SDitch Co plans to hold 7% of fee for ~1 yr to look at spalling/construction quality. May aim to SC in next few weeks.
23	Lookout Mountain Water District	Upper and Lower Beaver Brook Dam Rehabilitation	South Platte	CT2021-3115	\$3,500,000	Joshua Godwin	100%	95%	Substantial completion expect first half of 2024. Received contract extension. Received likely last PR. Army Corp has accepted the district's solution to the pH issues.
24	Montezuma Valley Irrigation Company	Beaver Creek Ditch Repairs	Southwest	CT2024-3135	\$1,400,000	Joshua Godwin	100%	98%	Construction complete. Watching to make sure reseeding takes. Waiting for a full irrigation season before closing out loan.
25	North Poudre Irrigation Company	Park Creek Expansion Project	South Platte	CT2023-2593	\$6,480,000	Zach Salin	60%	5%	Construction expected to begin by June 2024. Working with NPIC to figure out Loan Increase/Projects Bill Grant funding for increased totalproject cost to ~\$14.6 m.
26	Ogilvy Augmentation Company	Loloff Reservoir Acquisition	South Platte	CT2024-2004	\$1,129,000	Joshua Godwin	100%	98%	Awaiting request for substantial completion from borrower.
27	Ogilvy Irrigating and Land Company	Seely Reservoir Dredging	South Platte	CT2019-2099	\$2,252,000	Joshua Godwin	100%	80%	Dredging completed beginning of May. Request for \$1M increase in loan for extra needed dredging and construction of sedimentation basin. Take loan increase to May board meeting.
28	Orchard City Irrigation District	Fruitgrowers Reservoir Gates Replacement	Gunnison	CT2024-3098	\$500,000	Joshua Godwin	0%	0%	
29	Platte Valley Irrigation Company	Platte Valley Reservoir No. 1	South Platte	CT2024-2005	\$4,500,000	Joshua Godwin	80%	0%	Final design submitted for Dam Safety review. Concerns about easement access raised by borrower. Waiting for follow up.
30	Redmesa Reservoir and Ditch Company	Redmesa Reservoir Rehabilitation Engineering	Southwest	CT2022-0498	\$183,000	Matt Stearns	60%	0%	This project is to engineer a financially feasible dam rehabilitation, including a potential enlargement. Work began on March 8, 2021. The Company has secured a local governmental sponsor and has been approved to proceed in the NRCS PL-566 program which will cover 100% of design and 75% of construction.
31	Rio Grande Water Conservation District Subdistrict No. 5	Saguache Pipeline	Rio Grande	CT2021-3846	\$6,020,000	Zach Salin	100%	50%	Working on well owner agreement and Project easement agreements. Met with Chris Ivers, Angelo Bellah and others at RGWCD. No pressing issues that required action.
32	Root and Ratliff Ditch Company	Ditch Piping and Rehabilitation	Southwest	CT2022-2976	\$300,000	Kirk Russell	100%	99%	All pipe is in place. Final grading and seeding is done. SC expected in spring 2024. SC June 1
33	Smith and Emmons Ditch Company	Diversion Structures Replacement Project	South Platte	CT2023-2473	\$410,000	Zach Salin	100%	10%	Most recent PR utilizes both Loan and Grant. Project still in design phase, plans to solicit bids late summer/early fall. Construction anticipated during non-irrigation season (Oct/Nov 2024 – Mar/Apr 2025)
34	Special Improvement District No. 3 of the RGWCD	Alpha Hay Farms Augmentation	Rio Grande	CT2023-2843	\$2,555,000	Zach Salin	100%	0%	Pay Requests for the initial land purchase was approved at the end of April. Construction work that will be ongoing into 2024. Update planned following Site visits on 3/25/24.
35	Special Improvement District No. 4 of the Rio Grande WCD	Peachwood Farms Augmentation & Sustainability	Rio Grande	CT2023-3361	\$3,456,000	Zach Salin	100%	50%	Contract is complete and ready to disburse funds. The first pay request for land purchase is expected in spring 2023 after which some construction work will take place. Update planned following Site visits on 3/25/24.
36	Trinchera Conservancy District Groundwater Management Subdistrict	Augmentation Pipeline	Rio Grande	CT2022-3040	\$977,000	Kirk Russell	100%	99%	Project is complete. Substantial completion expected in early 2024. SC June 1
37	Triview Metropolitan District	Stonewall Springs Reservoir Complex	Arkansas	CT2022-3328	\$5,151,000	Kirk Russell	100%	75%	Work is complete. Dist was approved for additional loan funding in Nov '23 from CWCB.
38	Tunnel Water Company	West Half Laramie-Poudre Tunnel Rehabilitation	North Platte/South Platte	CT2019-3706	\$18,730,000	Kirk Russell	100%	98%	Construction was completed in spring of 2022 after delays due to Cameron Peak wildfire. After the '22 irrigation season, warranty review found tunnel lining caved in. Repair was made winter of 22/23. Discussion re cost increase responsibility. Loan increased by Board March '24
39	Tunnel Water Company	Headgate Improvements (Wildfire Impact)	North Platte/South Platte	CT2021-3928	\$1,206,000	Kirk Russell	100%	99%	Power supply installation complete. Duperon gate delivery at site. Headgate installation underway. Construction complete.

PROJECTS UNDER CONTRACT

PROJECT						STATUS		
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
40 Twin Lakes Reservoir and Canal Company	Grizzly Reservoir Rehabilitation	Colorado	CT2024-2006	\$9,833,000	Joshua Godwin	95%	0%	Construction delayed until summer of 2024
41 Uncompahgre Valley Water Users Association	Taylor Park Hydro Powerplant Project	Gunnison	CT2023-2565	\$1,685,000	Kirk Russell	100%	75%	This project will construction a hydropower plant at the toe of Taylor Reservoir Dam. Preliminary materials purchase and design work is complete. Construction is currently underway.
42 Victor, City of	Victor Reservoir No. 2 Dam Rehabilitation	Arkansas	CT2021-3873	\$510,000	Kirk Russell	100%	99%	Construciton delay until May 2024 due to supply delivery schedules. Town removed portion of outlet tower and DWR/Dam Safety issued a fill restriction. Project is complete. City determining amount of cash funds they will use.
43 Wiggins, Town of	Wiggins Recharge Facility at Glassey Farms	South Platte	CT2018-0892	\$2,385,000	Kirk Russell	100%	0%	The purpose of this project is to develop an augmentation water source for the Town. In August 2017 the Town purchased Glassey Farms and its associated water rights and 52% of funds were disbursed at that time. The project is back underway and an extension was granted.
44 Windy Gap Firming Project Water Activity Enterprise	Windy Gap Project (Chimney Hollow Reservoir)	South Platte	CT2021-2039	\$89,108,911	Zach Salin	100%	60%	Met with Jonathan Hernandez (PM) and Joe Donnelly (Engineer) to tour site. Construction ongoing; dam at ~50% height, quarrying operations continue, slurry wall liner still under construction. Jonathan and I plan to coordinate on PR timing and amounts in advance.
45 Grand Valley Water Users Association	Vinelands Power Plant	Colorado	CT2022-2084	\$1,066,000	Matt Stearns	100%	98%	This project will replace the existing 2.75 MW hydroelectric powerplant with a new 4.5 MW facility. Contractor mobilized November of 2021, and construction of the power generation facility completed in November 2022. The powerplant is producing power (up to 3.2 MW as of July 2023) via a temporary interconnect with Xcel Energy, and will be fully operational in May 2024 via a permanent interconnect.
			CT2022-0892	\$1,066,000				
46 Cottonwood Water and Sanitation District	WISE - Phase 2 Infrastructure	South Platte	CT2015-0105	\$1,674,000	Kirk Russell	100%	90%	Binney Connection Pipeline of Water Infrastructure and Supply Efficiency project will increase WISE flow capacity to 30MGD and provide infrastructure from Aurora Binney Facility to SMWSA. Pumps/Treatment-Glacier, Pipeline/Infrastructure-T.Lowell, Jacobs is Engineer. Vault excavation began 9/2020. Construction trailer onsite through project duration. Glacier complete foundation work, pumppp cans have been delivered and installed, pump motors have arrived at the pump manufacture, preliminary SCADA meetings begun, Glacier starting to form rebar for the flow control building, start laying pipe. Precast concrete walls for pump station complete.
			CT2015-0119	\$2,105,000				
			CT2015-0086	\$1,413,130				
47 Cottonwood Water and Sanitation District	WISE - Denver International Airport Connection	South Platte	CT2015-0104	\$363,600	Kirk Russell	98%	60%	Annual disbursement to be made on this loan through 2021.Design Status indicates percent of funds disbursed to date. WISE WDA negotiations between parties continue with the goal of having an amended Water Delivery Agreement ready to be brought to the respective Boards and Council for review and approval by April 1, 2021. Group discussion continues focused on the DIA Connection.
			CT2015-0120	\$450,000				
			CT2015-0110	\$1,089,000				

TOTAL UNDER CONTRACT \$255,346,101

APPROVED PROJECTS - NOT CONTRACTED

PROJECT						STATUS		
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
1 Southeastern Colorado Water Conservancy District	Arkansas Valley Conduit	Arkansas	CT2024-XXXX	\$90,000,000	Kirk Russell	0%	0%	Federal Funding will control the scheduled use of these funds
2 Logan Irrigation District	Prewitt Reservoir Rehabilitation	South Platte	CT2023-XXXX	\$1,831,000	Kirk Russell	0%	0%	This Project is currently on hold. Related work on the Prewitt Dam was completed in the fall of 2022 and dredging work may go forward in the fall of 2023.
3 Colorado City Metropolitan District	Lake Beckwith Dam Modifications	Arkansas	CT2024-XXXX	\$3,333,000	Joshua Godwin	0%	0%	
4 Northern Colorado Water Conservancy District - Northern Integrated Supply Project Water Activity Enterprise	Northern Integrated Supply Project	South Platte	CT2024-XXXX	\$101,000,000	Zach Salin	15%	0%	2024 Projects Bill

PROJECTS UNDER CONTRACT

PROJECT						STATUS		
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
5 Trinchera Groundwater Management Subdistrict	Water Rights Purchase	Rio Grande	CT2024-XXXX	\$2,300,000	Joshua Godwin	100%	0%	

NOT UNDER CONTRACT SUB \$198,464,000

GRAND TOTAL \$453,810,101

WATER PROJECT CONSTRUCTION LOAN PROGRAM
LOAN REPAYMENT DELINQUENCY REPORT
LOAN FINANCIAL ACTIVITY REPORT
April 2024

LOAN REPAYMENT DELINQUENCY

Loan repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2023 through April 2024 to date of report. The effective due date of the payment is inclusive of the Board's current 60 day late policy. Hence, the date the payment was received was compared to the last day allowable prior to the payment being considered late.

Repayments due for Fiscal Year 2024 total 302. Two Rivers is currently delinquent and is in foreclosure. All other payments are current.

LOAN FINANCIAL ACTIVITY

Loan financial activity relative to the Water Project Construction Loan Program for Fiscal Year 2024 is summarized as follows:

Funds received relative to loans in repayment totaled \$28.8M for this year.

Funds disbursed relative to new project loans totaled \$23.2M for this year.

Net activity resulted in \$5.6M received by the CWCB Construction Fund and the Severance Tax Perpetual Base Fund (STPBF) over the total disbursed.

Further breakdown is summarized as follows:

The Construction Fund portion consists of \$12.7M in receipts and \$2.9M in disbursements for a total net activity of \$9.8M received over disbursed.

The STPBF consists of \$16.1M in receipts and \$20.3M in disbursements for a total net activity of \$4.2M disbursed over received.

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2023	\$ 465,287	\$ 266,231	\$ 731,518	\$ -	\$ 731,518
August 2023	\$ 334,830	\$ 245,660	\$ 580,490	\$ 424,515	\$ 155,975
September 2023	\$ 1,504,037	\$ 1,064,945	\$ 2,568,981	\$ 74,424	\$ 2,494,557
October 2023	\$ 430,797	\$ 254,046	\$ 684,843	\$ 1,259,623	\$ (574,780)
November 2023	\$ 281,375	\$ 100,316	\$ 381,691	\$ 230,595	\$ 151,097
December 2023	\$ 1,640,029	\$ 1,242,210	\$ 2,882,239	\$ 520,382	\$ 2,361,857
January 2024	\$ 340,702	\$ 694,972	\$ 1,035,675	\$ 66,233	\$ 969,441
February 2024	\$ 1,148,057	\$ 684,747	\$ 1,832,804	\$ 22,175	\$ 1,810,629
March 2024	\$ 527,506	\$ 295,895	\$ 823,401	\$ 333,212	\$ 490,188
April 2024	\$ 840,687	\$ 380,194	\$ 1,220,880	\$ 10,305	\$ 1,210,576
May 2024			\$ -		\$ -
June 2024			\$ -		\$ -
FY 2023 Totals	\$ 7,513,306	\$ 5,229,216	\$ 12,742,522	\$ 2,941,464	\$ 9,801,058

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2023	\$ 129,659	\$ 85,540	\$ 215,199	\$ 97,653	\$ 117,547
August 2023	\$ 1,272,582	\$ 1,008,689	\$ 2,281,271	\$ 284,533	\$ 1,996,739
September 2023	\$ 4,178,352	\$ 939,983	\$ 5,118,335	\$ 225,715	\$ 4,892,620
October 2023	\$ 1,558,589	\$ 1,554,513	\$ 3,113,102	\$ 1,699,570	\$ 1,413,532
November 2023	\$ 307,016	\$ 183,794	\$ 490,810	\$ 1,907,139	\$ (1,416,329)
December 2023	\$ 569,308	\$ 397,621	\$ 966,929	\$ 696,689	\$ 270,240
January 2024	\$ 1,915,270	\$ 488,459	\$ 2,403,730	\$ 4,422,370	\$ (2,018,640)
February 2024	\$ 432,389	\$ 195,670	\$ 628,059	\$ 1,442,341	\$ (814,282)
March 2024	\$ 293,917	\$ 197,652	\$ 491,569	\$ 850,845	\$ (359,276)
April 2024	\$ 282,103	\$ 93,979	\$ 376,083	\$ 8,644,540	\$ (8,268,457)
May 2024			\$ -		\$ -
June 2024			\$ -		\$ -
FY 2023 Totals	\$ 10,939,186	\$ 5,145,901	\$ 16,085,088	\$ 20,271,394	\$ (4,186,306)

GRAND TOTAL	\$ 18,452,493	\$ 10,375,117	\$ 28,827,610	\$ 23,212,858	\$ 5,614,752
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