



COLORADO

Colorado Water Conservation Board *Department of Natural Resources*

DIRECTOR'S REPORT

January 2025

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: January 27-28, 2025

SUBJECT: **Agenda Item 4b, January 2025 CWCB Board Meeting Director's Report**

TABLE OF CONTENTS

Pg. 3 - STATEWIDE

- CWCB Small Feasibility Grant Fund Update
- Federal Technical Assistance Grant Program & Local Capacity Grants Update

Pg. 6 - COLORADO RIVER BASIN

- Colorado River Water Use
- Wild and Scenic Updates

Pg. 9 - WATERSHED AND FLOOD UPDATES

- Colorado Healthy River's Fund – 2025 Application Period
- Colorado Geological Survey (CGS) Alluvial Fan Mapping
- Reynolds Landing Park Groundbreaking

Pg. 10- WATERSHED AND FLOOD UPDATES

- January 2025 Letter of Map Revision (LOMR) Review Partners Program Update
- January 2025 Risk Mapping, Assessment and Planning (MAP) Project Updates by Major Water Basin

Pg. 12- WATERSHED AND FLOOD UPDATES

- Lots of Personnel Movement in Watershed and Flood Protection Section
- January 2025 National Flood Insurance Program (NFIP)

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

Pg. 14 - WATER SUPPLY PLANNING SECTION UPDATE

- Water Supply Planning Upcoming Reports and Publications
- Water Supply Planning Program Updates

Pg. 15 – WATER SUPPLY PLANNING SECTION UPDATE

- LAND/WATER PLANNING NEXUS

Pg. 16 – GRANTS SECTION UPDATE

- Grants Section Updates

Pg. 17 – GRANTS SECTION UPDATE

- Water Supply Reserve Fund Grants

Pg. 18 - INSTREAM FLOW SECTION

- Instream Flow Workshop
- Colorado Airborne Snow Measurement Group (CASM) Update

Pg. 19 – INSTREAM FLOW SECTION

- Stream & Lake Protection Section – Rulemaking Update

Pg. 20 – INSTREAM FLOW SECTION

- Instream Flow and Natural Lake Level Program Summary of Resolved Legal Protection Cases

Pg. 23 – FINANCE SECTION

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

Pg. 24 - LOAN PROGRAM ATTACHMENTS

01 - Water Project Loan Program Interest Rates

02 - Prequalified Project List and Loan Prospect Summary

03 - Design and Construction Status Report

04 - Loan Repayment Delinquency Report & Loan Financial Activity Report

STATEWIDE

Finance Section Director's Report Items – January 2025

CWCB SMALL FEASIBILITY STUDY GRANT FUND UPDATE:

New grant applications approved:

1. None

Previously approved grants in FY24/25:

1. None

Total funds approved for feasibility study grants in FY24/25: \$0

Federal Technical Assistance Grant Program Director's Report, January 2025

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. The Program was established in spring 2022 via House Bill 22-1379, which appropriated CWCB \$2.5 million for Local Capacity Grants and an additional \$2.5 million for Technical Assistance Grants.

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.

The 2024 Projects Bill contains language that allows CWCB to redistribute funds between the original Local Capacity and Technical Assistance appropriations in H.B. 22-1379. To meet demand and ensure that as much funding as possible is awarded to grantees, in fall 2024 program staff reappropriated \$1.2 million from the Technical Assistance side of the program to the Local Capacity side.

Local Capacity Grants

As of January 2025, the Federal Technical Assistance Program has awarded about \$3.4 million in Local Capacity Grants. The following table summarizes Local Capacity Grant awards through January 2025:

<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 Farm and Ranch Enterprise	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	\$188,186
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
Farmers Conservation Alliance	Pre-Development Work, Montezuma Valley Irrigation Co	\$98,250	\$73,090
Farmers Conservation Alliance	Pre-Development Work, Lower Arkansas Valley Water Conservancy District	\$23,625	\$17,625
Trout Unlimited/Gunnison Gorge Anglers	Uncompahgre River Fisheries Improvement Project	\$80,486	\$46,308
Big Thompson Watershed Coalition	Advancing the Big Thompson River Envisioning Project	\$216,033	\$162,027
Colorado Rio Grande Restoration Foundation	Alamosa Riverfront Project - Planning, Design, Engineering Phase 2	\$88,457	\$57,599
Farmers Conservation Alliance	Modernization Efforts for King Ditch, Ute Mountain Ute Tribe, and RCCP	\$252,500	\$189,375
St. Vrain Left Hand Water Conservancy District	Knoth Reservoir Rehabilitation and Enlargement Feasibility Study	\$115,633	\$76,608

Southeastern Colorado Water Conservancy District	Improve Measurement on the Fryingpan-Arkansas Collection System	\$29,890	\$22,418
Norwood Water Commission	NWC Water Storage and Supply Planning and Design	\$193,028	\$144,771
Farmers Conservation Alliance	New Community Engagement	\$449,000	\$336,750
Total:		\$5,339,574	\$3,408,421

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 January 2025, the Program has five Technical Assistance projects that are either completed or in process:

- City of Grand Junction, Juniata Ditch WaterSMART Grant Support (complete)
- San Miguel Watershed Coalition, Reed-Chatfield Ditch and Diversion Project (contracting complete, project in process)
- Fountain Creek Watershed District, Fountain Creek Watershed District Technical Support (contracting complete, project in process)
- Trout Unlimited/National, Gunnison Basin EQIP Projects (contracting)
- Arkansas River Watershed Collaborative, Minnequa Diversion Dam Removal and Replacement (contracting)

COLORADO RIVER BASIN

COLORADO RIVER WATER USE—

2025 Colorado River Storage as of January 13, 2025			
	Elevation (feet above mean sea level)	Storage (MAF)	Percent of Capacity
Lake Mead	1,064.70	8.784	34%
Lake Powell	3,570.25	8.537	37%
Total System Active Storage		24.461	42%
2024 Total Active Storage		25.832	42%
		Flow (MAF)	Percent of Average
Forecasted Unregulated Inflow into Powell (Forecasted Water Year 2025)		7.829	82%

*Note MAF = million acre-feet

Wild and Scenic Updates

Currently, two different stakeholder groups in the state are working on plans that are an alternative to Wild and Scenic eligibility or suitability. Two additional groups are considering pursuing Wild and Scenic River designations. The following provides updates on both types of stakeholder efforts.

Wild and Scenic Alternative Stakeholder Groups

Upper Colorado River Wild and Scenic Stakeholder Group

Background: The Upper Colorado River Wild and Scenic Stakeholder Group (UCRW&S or SG) was formed to protect the outstandingly remarkable values (ORVs) identified in the U.S. Bureau of Land Management (BLM) and U.S. Forest Service (USFS) Wild and Scenic Eligibility Reports for river segments that start below the confluence with the Blue River and end near No Name in Glenwood Canyon. The SG includes water users from both the West Slope and East Slope, environmental interests, anglers, recreational interests, and local and state government representatives. The Amended and Restated Upper Colorado River Wild and Scenic Stakeholder Group Management Plan (Plan) was completed in June 2020 and includes long-term protective measures, cooperative efforts to address issues, and monitoring of the ORVs and other important environmental factors related to recreational fishing and floatboating. The effective date of the Plan commenced June 12, 2015, upon issuance of records of decision by BLM and USFS. The federal entities accepted the SG Plan and deferred making suitability determinations as part of their resource planning efforts. More information about this group is available at: <https://www.upcowildandscenic.com/>

Updates: The SG continues to hold regular meetings and subcommittees continue to meet to fulfill the SG Plan. The SG met on October 22, 2024 to discuss future uses of an endowment fund, hear updates about monitoring efforts and potential water leases, and review financial information. The SG will hold a stakeholder meeting on January 17th and a separate meeting on January 23rd to evaluate the ORV indicators and resource guides used to determine the health of the river and recreational opportunities. The group is currently working to develop the 2024-2025 monitoring plan and operating budget. Wild

and Scenic Funds are supporting this group, the most recent request for \$99,999 was approved and issued in June 2024.

Lower Dolores Plan Working Group

Background: The Lower Dolores Plan Working Group has been meeting since 2008 to develop alternative protections for a section of the Dolores River between McPhee Dam and Bedrock. The stakeholder group includes water districts, conservation and recreation groups, local landowners, counties, and others. This group proposed to 1) create a National Conservation Area and 2) continue to understand and improve native fish habitats through the Dolores River Native Fish Monitoring and Recommendations Team (M&R Team). The BLM has agreed to not find portions of the Lower Dolores River eligible for Wild and Scenic designation if those actions occur. The legislation was first introduced to Congress in 2022 and reintroduced in both the House and Senate in 2023. The NCA legislation had a markup in December of 2023 in the Senate Energy and Natural Resources (ENR) Committee and passed unanimously. A hearing in the House ENR Committee is the next procedural step.

Fort Lewis College is assisting the M&R Team to conduct a number of monitoring efforts on the Dolores River. This group secured a WSRF Grant in 2020 for \$165,617 for a 5-year project. In addition, Fort Lewis College applied for Wild and Scenic funding in 2023 on behalf of the group for \$73,565.04 for a 2-yr project that will end in September 2025.

Updates: There are no updates on the legislation. The M&R team held a meeting on January 13 to review what has been learned in the last four years of monitoring, discuss what type of monitoring provides the most value going forward, and talk about future funding needs. CPW staff provided an update on PIT tag data used to track the Three species, which indicates these fish use the Dolores River for substantial portions of the year; however, detection of all species is down considerably. The group plans to meet in the spring to further refine monitoring efforts.

Potential Wild and Scenic Designations

Deep Creek Wild and Scenic Stakeholder Group

Background: On July 8, 2015, the USFS White River National Forest and the BLM Colorado River Valley Field Office issued RODs finding three reaches of Deep Creek suitable for inclusion in the National Wild and Scenic River system. Deep Creek is a tributary to the Colorado River just upstream from the confluence with the Eagle River. That year, American Rivers convened CWCB staff, the Colorado River Water Conservation District (River District), BLM, USFS, and members of Colorado's congressional delegation to discuss issues related to a potential Wild and Scenic designation on Deep Creek. A stakeholder group (SG) was formed in 2016 to develop the boundaries, legislation, and flow protection with a state-held ISF water right. ORVs include ecologic, scenic, and geologic. The SG includes the USFS, BLM, Colorado Parks and Wildlife (CPW), local landowners, American Rivers, Eagle River Coalition, River District, and various recreation and environment-based groups among others. The group has been drafting and refining the legislation, evaluating flow needs, and working through SG concerns for several years. The SG approved an update to the proposed legislation in April 2024.

Updates: CWCB staff has been meeting internally and with EDO to address concerns related to the legislation and need to protect the State's exclusive authority to administer waters within the State. Once a path forward is determined, any potential legislation changes will require SG approval. CWCB staff and River District still need to develop terms and conditions to address the proposed CWCB-held ISF water right to protect all unappropriated flow with a water development allowance (WDA) to meet reasonable potential future uses. CWCB staff and American Rivers provided an overview of the proposed ISF to Eagle

County, but additional outreach with Garfield County is needed. We anticipate asking the board to form intent on a Deep Creek ISF in 2025.

Crystal River Wild and Scenic Collaborative

Background: A portion of the Crystal River from the headwaters to the Sweet Jessup canal headgate was determined to be eligible for inclusion in the Wild and Scenic program in the 1980s and again in 2002. This local stakeholder group met numerous times in 2023 and 2024, with the assistance of a facilitator, to discuss flow and land use protection options. After 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. More information about this group can be found on their website: <https://thecrystalvalleyecho.com/wild-scenic-stakeholder>.

Updates: The sub-groups will continue to meet to further explore what protections could be achieved through each of the three options.

WATERSHED AND FLOOD UPDATES

Colorado Healthy Rivers Fund – 2025 Application Period

The Colorado Healthy Rivers Fund (CHRF) 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 2025 CHRF application period opens Monday January 20th and will remain open until February 28, 2025. Grant applications are submitted as either Project grants or Planning grants. Both categories have a suggested maximum ask of \$20,000. There is currently \$215,000 available for grant awards. Those funds come from the 2023 tax year, are collected, and transferred to the CWCB late in 2024 and are available for distribution in 2025.

For more information or to apply, please head over to;

<https://www.coloradowater.org/colorado-healthy-rivers-fund-1>

(Steve Reeves)

Colorado Geological Survey (CGS) Alluvial Fan Mapping

The CWCB has partnered with the Colorado Geological Survey to create lidar-based alluvial fan mapping in priority watersheds and counties as identified in the Wildfire Ready Watersheds statewide susceptibility analysis. The mapping will improve stakeholder understanding of areas at risk from post wildfire flooding and debris flows. Alluvial fan mapping will be used in local Wildfire Ready Action Plans and other post wildfire hazard planning to support susceptibility analysis, emergency response, and potential mitigation project locations. Alluvial fan mapping at this scale has not been performed before for most priority watersheds in Colorado.

The scope of work includes:

Lidar Data Analysis – This creates a detailed digital elevation model

Mapping and Documentation – Alluvial fan landforms are identified and mapped, using defined criteria

Field Verification – Alluvial fans are field verified to ensure accuracy of the defined criteria

Expert Review – CGS and School of Mines professionals and academics review the results

Deliverables – The CWCB receives data files and metadata that, once approved, will be shared with local governments, watershed groups, and other stakeholders

CGS is currently preparing deliverables for Clear Creek, Gilpin, and Lake counties. Data packages for Garfield, Grand, Boulder, and Chaffee counties will follow shortly thereafter. There are other ways to develop the data, e.g. consultant data development funded by grants for Wildfire Ready Action Plans. CWCB staff has determined that a direct relationship with CGS is more efficient, comprehensive, and accurate. CWCB staff will re-evaluate the collaboration after delivery of the first seven counties and will discuss the value of a continued partnership with CGS.

-Chris Sturm

Reynolds Landing Park Groundbreaking

In the 1980's, the United States Army Corps of Engineers (USACE) constructed the Chatfield Downstream Improvement Project (Project). The Project consisted of improvements to the flow of

water in the channel of the South Platte River in Arapahoe County to provide (1) drainage, (2) flood control, and (3) water flow. As part of its participation in the Project, the CWCB currently owns and controls approximately 7 miles on the South Platte River floodplain and Channel Lands through Littleton, Colorado in Arapahoe County. The CWCB's management of this land is subject to the terms of two agreements between the CWCB and the USACE (September 7, 1977 and January 29, 1980), which obligate the CWCB to operate and maintain the Project improvements.

Within the Project, located near Santa Fe Drive and Brewer's Lane in Littleton, Colorado, lies Reynolds Landing Park. The South Platte River through the existing park is degraded, lacks recreation and habitat, and can be hazardous. The CWCB is working with multiple stakeholders, including Mile High Flood District and the City of Littleton, to revitalize this park and restore the river, creating access to the water and providing diverse nature experiences and recreation, allowing Reynolds Landing Park to become more vibrant for the community and improving, expanding, and enhancing the natural environments. The goals of the revitalized Reynolds Landing Park are to maintain flood protection, improve river health, enhance in-river recreational opportunities, connect the community to nature through access to the river's edge and the river corridor, and promote economic development by drawing residents and businesses to Littleton and the South Platte River.

Improvements at the park will include ingress and egress from the river, improved whitewater rapids, improved riparian vegetation and habitat channels, and riffle and pool sequences. Project partners will be seeking 404 and 408 permits through the USACE to facilitate these improvements, as well as in-river vegetation for habitat and shade.

The CWCB has actively worked to establish an Easement Agreement to allow the in-river improvements on CWCB-owned land, which was approved by the Board in November 2024 and was executed in January 2025, allowing construction to begin in January 2025. The CWCB has also supported this project through a Water Plan Grant to support construction. Phase 1 is expected to be completed by the Spring of 2027.

Andrea Harbin Monahan

January 2025 Letter of Map Revision (LOMR) Review Partners Program Update

The CWCB LOMR Review Partners (LRP) 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. This past November, master task order contracts were executed with three engineering companies, Michael Baker International Inc., CDM Smith Inc., and ICON Engineering Inc., to provide technical expertise for case review efforts, as well as program management support.

Currently there are 48 ongoing cases in Larimer, El Paso, Yuma, Boulder, Gunnison, Weld, Mesa, Delta, Pitkin, Routt, Arapahoe, Douglas, Eagle, Prowers, Grand, and Montrose Counties. CWCB anticipates the processing of Boulder County LOMRs that were based on CHAMP data and closed with Special Response Letters (SRLs) to commence in late January 2025. These cases will be opened (in the order SRLs were dated), draft exhibits and final documents completed and sent to FEMA for final processing. Once these LOMRs have been issued they will have a 90-day mandatory appeal period and become effective approximately 4.5 months later.

January 2025 Risk Mapping, Assessment and Planning (MAP) Project Updates

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. This November, CWCB executed master task order contracts with four engineering

companies., CDM Smith Inc., Dewberry Inc., Michael Baker International Inc., and WSP USA Inc., to provide technical expertise for Risk MAP projects. There is only one outstanding master task order contract for AECOM Inc., which is currently still in processing. Key updates by major water basins are detailed below.

1. South Platte River Basin

- Morgan County – Phase 2 (Data Development) is underway. CWCB, the CWCB Project Contractor, and FEMA Region 8 met with the Town of Wiggins to discuss levee recertification and remapping efforts. Preliminary levee analysis and mapping procedure (Pre-LAMP) efforts, which will include a natural valley analysis (no levee present) to depict local flood hazard mapping if the levee is not certified, are currently being contracted.
- Sedgwick County – The BLE Phase 1 Discovery meeting was held with the community on 11/22/24 in Julesburg and we plan to follow up with the community then wrap up this phase of the project soon.

2. Colorado Basin

- Eagle County – The Physical Map Revision (PMR) Phase 3 appeals period started on 12/12/24 and will end 3/12/25.
- Grand – The BLE Phase 1 Kickoff Meeting with the community is anticipated for late January.
- Summit County – The Phase 2 Flood Risk Review Meeting, which will offer the opportunity to share draft preliminary mapping results with the community, is anticipated for late January. The hydraulic data submittal was sent in for review in December.

3. Gunnison Basin

- Delta County – Phase 3 due process period is underway. The appeal period is anticipated to begin later in January and will last 90 days.

4. Rio Grande Basin

- Alamosa County – A preliminary draft of the Alamosa Levee memorandum is currently in review with CWCB. This document will help the local community memorialize the current state of the levee system and identify certification or LAMP efforts that could be undertaken. CWCB and its Project Contractor are coordinating with FEMA to formalize a local levee partnership team (LLPT) to be actively engaged representatives for the community during this process which will span several years.

5. Arkansas Basin

- El Paso County – The Phase 2 hydraulics will be submitted in the coming days and a check in meeting is planned with CWCB, the project CWCB Contractor, and FEMA Region 8 to discuss future mapping efforts associated with the Templeton Gap Levee in Colorado Springs.
- Prowers County Levees – A check-in meeting was held with the City of Lamar, CWCB, the CWCB Project Contractor, and FEMA Region 8 on 12/10/24 to provide an update to the community, discuss the requirements for certification, LAMP efforts, and solicit additional data about the condition of the levee.

6. Multi-Basin Projects

- Elbert County - The Phase 2 Flood Risk Review Meeting is anticipated for late January.
- Lincoln County – The BLE Phase 1 study was fully approved on 12/9/24. This phase of the project is wrapped up and we are ready to begin scoping Phase 2 (data development).

(Caitlin McDaniel and Marta Blanco Castano)

Lots of Personnel Movement in Watershed and Flood Protection Section

The period since the November board meeting has shown an unusually high level of change for personnel in the Watershed and Flood Protection Section.

First, the retirement of Terri Fead took place at the end of November. The Board may recall an agenda item sendoff at the November meeting. Terri had been with CWCB since 2020 which culminated a 42-year career. We wish Terri well in her future non-CWCB activities.

Next, Willem Lensink, who works in the Floodplain Regulations group of the section announced his intent to take a job at FEMA Region VIII in the Recovery branch. Willem had been with the CWCB for a year and a half, and his final day was Friday, January 3rd. We wish Willem well in his future endeavors. The Section gained a new temporary employee in LeAnn Strand who began working on Monday, January 6th. LeAnn will be working primarily in the arena of procurement and finance for the Floodplain Mapping group of the Section. As a temporary employee, LeAnn is able to work with staff for a period of nine months.

Finally, section leadership is working to finalize documents to post for a new federally-funded position to reside in the Floodplain Mapping group. This position will help to alleviate workload in the group, and is expected to be onboard sometime in March or April.

(Kevin Houck)

January 2025

National Flood Insurance Program (NFIP)

Community Assistance Program-State Support Services Element (CAP-SSSE)

Colorado Floodplain Development Management Program

NFIP CO State-owned/managed Properties Floodplain Development Program

In mid-November, CWCB NFIP staff participated in the personnel interviews conducted by the CO Office of the State Architect (OSA) for the selection of their Floodplain Administrator position which will oversee development of State-owned/managed development in the regulatory floodplain (Special Flood Hazard Area, SFHA) as a participant in the National Flood Insurance Program. Mr. Johar Moss was the preferred candidate of those interviewed and he accepted the offer and we welcomed him onboard on Dec. 9th.

The CWCB has since continued to work with the OSA providing guidance and resources to ensure Johar is knowledgeable in the requirements of the NFIP and State floodplain development rules. Additionally, this office is cooperating on the State's floodplain development policies/rules, permitting requirements, and the procedures of the position. Continued meetings with OSA & Johar are scheduled throughout the year prior to the program coming fully online by July 1, 2025

NFIP Community Outreach and Support

This office has conducted 3 community assistance contacts (CAC) since August. 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.

On Nov. 21st, our office hosted a webinar in partnership with FEMA and the Department of Housing and Urban Development (HUD) that reviewed and discussed the changes HUD has made regarding flood risk higher standard criteria for federally-funded projects under their programs such as FHA-backed mortgages. The webinar was very successful with over 80 attendees from Colorado and other FEMA Region 8 states.

(Doug Mahan)

WATER SUPPLY PLANNING SECTION UPDATES

Water Supply Planning Section Director's Report:

Water Supply Planning Upcoming Reports and Publications:

The Water Supply Planning Team is set to release 3 reports/publications this January. See below for details.

CWCB Guide

The Colorado Water Plan Agency Action 4.2 called for a “universal handbook” to assist CWCB stakeholders, provide consistent answers to common questions, and create alignment among the Board, IBCC, and the Roundtables. The **CWCB Guide** has been developed to achieve this goal and is now finalized and published. Copies will be distributed at the January CWCB Board meeting and made available on [Engagecwcb.org](https://engagecwcb.org) following the meeting. The guide will be reviewed annually for necessary updates.

Water Plan Progress Report

The **Colorado Water Plan Progress Report** provides an overview of the work CWCB and its partners have done to advance Water Plan actions since 2023. The report supplements the 2023 Water Plan by featuring case studies and project champions from across the state. It highlights exemplary projects, both within CWCB’s 50 Agency Actions and among the 50 Partner Actions led by external organizations. A significant portion of the report focuses on the outcomes of CWCB-funded projects, with a particular emphasis on Water Plan Grant recipients. In the first 2 years since the Water Plan’s release, 20% progress has been made towards completion of the Agency Actions in the Plan, putting CWCB on target to complete 100% of the Agency Actions by 2033. Achieving the Water Plan's objectives requires a substantial commitment of time and effort from CWCB staff, alongside the contributions of stakeholders throughout Colorado.

10 Strategies to Protect Irrigated Agriculture

This report fulfills the charge of Colorado Water Plan Agency Action 2.6, which aimed to evaluate the value of irrigated agriculture in Colorado and develop strategies to protect it. **Ten Strategies to Protect Irrigated Agriculture** offers CWCB, local governments, and stakeholders actionable approaches to assess and address the potential direct and indirect impacts of reducing irrigated acreage or converting agricultural land to other uses.

Water Supply Planning Program Updates

Colorado Water Loss Initiative

The Colorado Water Loss Initiative (CWLI) entered Phase II on September 1, 2021, over two years ago. To date, 95 utilities are actively participating in the program. Many of the newly joined teams have scheduled one-on-one technical calls to review their water audit results, while the advanced participants have received tailored recommendations to guide their efforts in direct technical assistance.

The "core training program" has emerged as a vital resource for water providers across the state, with ongoing demand for foundational training and a steady influx of new participants. In response to this need, CWCB conducted a specialized training session for Denver Water distributors on December 17, 2024. This session addressed the unique circumstances of certain Denver Water distributors, who are classified as covered entities and now required to report their own HB-1051 data.

CO Water Loss Control and Management Committee

The CO Water Loss Control and Management Committee, a focus of Water Plan Action 1.3, is underway. The committee is meeting on January 21st at Northern Water for its 5th meeting with recurring meetings every two months.

www.coloradowaterloss.org

LAND/WATER PLANNING NEXUS:

Kevin Reidy has been participating on the core planning team for the **Denver One Water Plan**, funded by a Water Plan Grant. This team includes representatives from various Denver city departments, Mile High Flood, Denver Water, Metro Wastewater, and the Greenway Foundation. A **One Water Day 2025** has been scheduled to coincide with the **SHED Summit** on June 20, 2025. Last year's event was a success, and the team is planning an even better experience for this year.

For more information, visit: [Denver One Water](#).

Turf Replacement Grant Program (TRGP):

The TRGP funding cycle that started on December 31 is open until February 28. If the applications submitted in the last round are approved for the full requests, there will be \$469,428.50 remaining for the current cycle.

Colorado Water Congress: Jenna Battson is co-moderating a workshop exploring the nexus of water conservation and resource planning as well as presenting on transformative landscape change during the conference.

GRANTS SECTION UPDATES

Grants Section

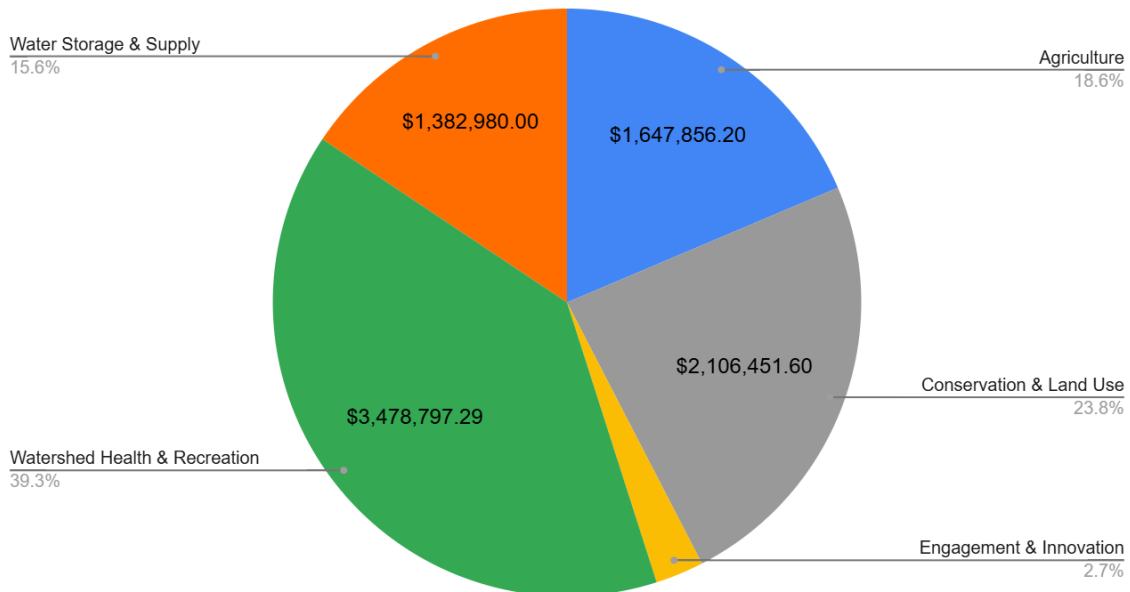
Water Supply Reserve Fund

- As of this January Board meeting, the roughly \$17M in one-time Water Supply Reserve Fund (WSRF) grant funding for drought resilience and aging infrastructure will likely be fully awarded. WSRF Basin funds remain available for Basin recommended projects.
- The WSRF accounts from which Basins can recommend projects will continue to be refreshed each fiscal year with \$300,000, not to exceed the annual fund balance cap of \$750,000 per Basin.

Water Plan Grants

- The latest application deadline for Water Plan Grants was December 1, 2024. In this cycle, we received 38 applications with funding requests of roughly \$8.85M. A breakdown of requests by category is in the below chart.

Water Plan Grant Application Requests by Category (FY24/25, Cycle 2)



- Regional Grant Project Managers have a fiscal year target number of outreach activities per grant category. Outreach and engagement across the state is a key component of advancing partner actions in the Water Plan through Water Plan Grant funding. The table below provides an update on the progress toward the target this fiscal year.

Number of Outreach Activities Per Water Plan Grant Category		
Category	Count (through 12/31/2024)	Target (FY24-25)
Agriculture	19	15
Conservation & Land Use Planning	14	15
Engagement & Innovation	5	15
Storage & Supply	21	15
Watershed Health & Recreation	29	15

General or Multiple Categories	45	75
Total	133	150

- Additionally, Lauren Duncan who is the Regional Grant Project Manager for the Arkansas Basin has two speaking engagements coming up. She will discuss CWCB funding opportunities at the Local Leaders Dinner and Reception at the Arkansas River Basin Water Forum March 4 in Pueblo, as well as at the Arkansas Basin Roundtable Special Event on Channel Morphology Feb 18 in La Junta.

Director's Report - Water Supply Reserve Fund Grants Director's Report – January 2025

WATER SUPPLY RESERVE FUND GRANTS:

The following table summarizes the Water Supply Reserve Fund Grants received at the October 1, 2024, CWCB deadline that are \$50,000 and under and were approved by CWCB Director, Lauren Ris, on January 9, 2025.

Basin	Applicant/Grantee	Name of Water Activity	Basin(s) Account Request	Statewide Account Request	Total Request	Staff Funding Recommendation
Arkansas	Arkansas River Basin Water Forum	2025 Arkansas River Basin Water Forum Education & Outreach Program	\$30,261	\$0	\$30,261	\$30,261

INSTREAM FLOW

Instream Flow Workshop

Each year, the CWCBC's Stream and Lake Protection Section hosts an annual workshop that provides state and federal agencies and other interested persons an opportunity to recommend certain stream reaches or natural lakes for inclusion in the State's Instream Flow (ISF) Program. The entities that make ISF recommendations will present information regarding the location of new recommendations as well as preliminary data in support of the recommendation. There will be an opportunity for interested stakeholders to provide input and ask questions. CWCBC staff will provide an overview of the ISF Program and the new appropriation process, along with an update of pending ISF recommendations from previous years.

The second half of this workshop will focus on a partnership between the Colorado Water Trust (Water Trust), and the Colorado Water Conservation Board (CWCBC) on a strategic approach to ISF water acquisitions to preserve or improve the natural environment. This Request for Water Acquisitions Process is intended to accomplish several goals: to proactively invite voluntary water right offers for ISF use from willing water rights owners; to provide a user-friendly mechanism for water rights owners to investigate working with CWCBC and the Water Trust on ISF acquisitions; to streamline transaction processes and utilization of resources; to facilitate implementation of Colorado's Water Plan objectives; and to add flows to river segments in need while coordinating with agricultural and other uses. Topics covered will include the timeline, available stream restoration and transaction tools, and information a water right owner needs to provide to initiate participation in the Process.

Date: February 5, 2025

Time: 4:00-6:00 PM

Location: Virtual Registration: <https://www.eventbrite.com/e/cwcb-instream-flow-workshop-2025-tickets-1144748506599?aff=oddtcreator>

January Director's Report Item

Colorado Airborne Snow Measurement Group (CASM) Update

CASM has secured funding for 20 flights for the 2025 season. Total funding for the 2025 Program is \$4.5M across 33 funding sources. This includes \$1.8M from the FY24/25 Projects Bill, \$800k from the Upper Colorado River Commission, \$520k from Basin Roundtables, and \$1.38M in local match.

The CASM Group will also be hosting a workshop during the 2025 Water Congress Annual Convention. The workshop will go over lessons learned from previous years, and plans for the 2025 program.

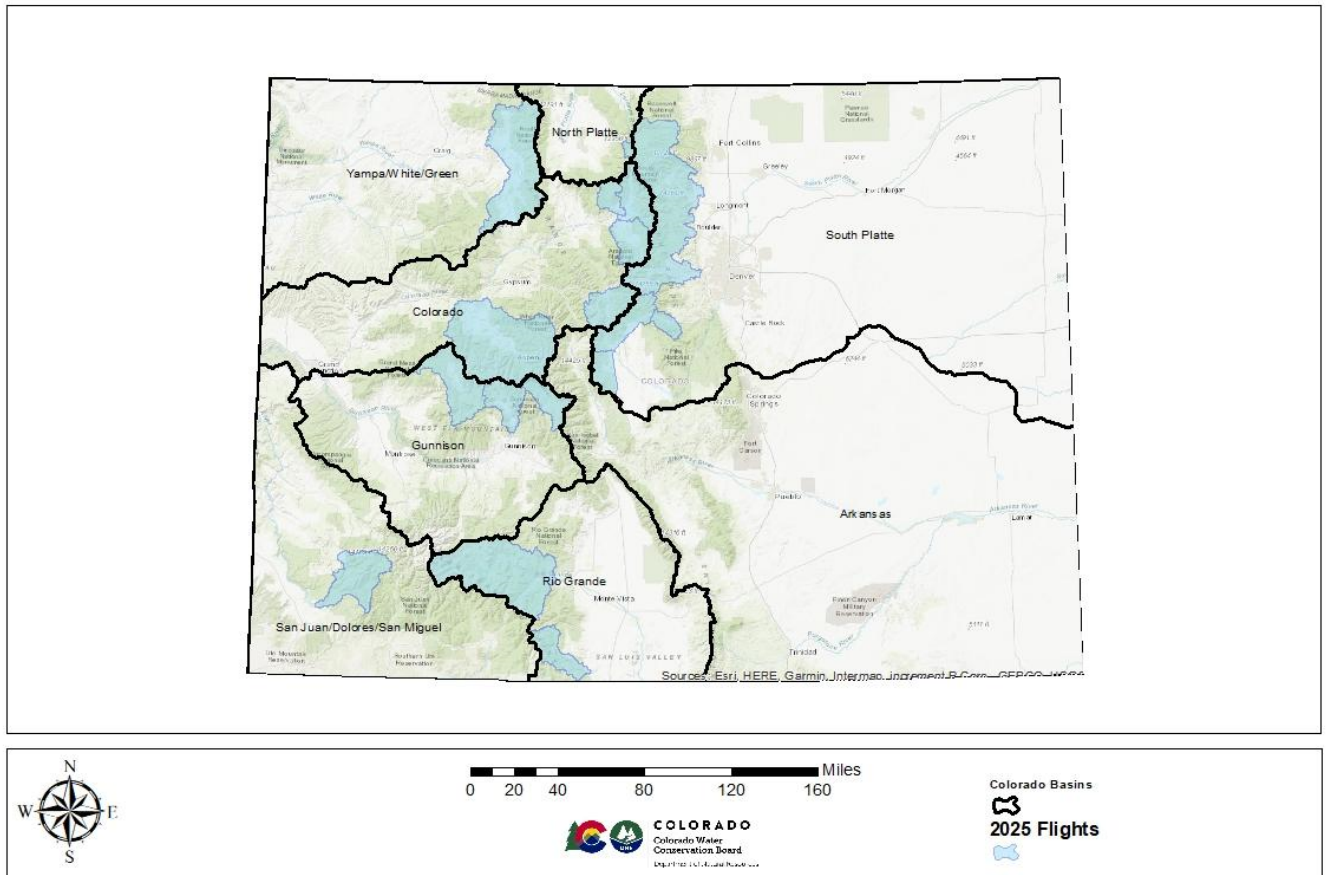
Upcoming Key Dates:

1/29/25: Colorado Water Congress Annual Convention Workshop. 9am-11:30am

2/25/25: Stakeholder Meeting. 9am-12pm.

For more information, go to: coloradosnow.org

Figure 1: 2025 CASM Activities



Stream and Lake Protection Section – Rulemaking Update

The Colorado Water Conservation Board (CWCB) staff has initiated the informal rulemaking process to promulgate Rule 6k revisions of the Rules Concerning Colorado's Instream Flow and Natural Lake Level Program ("ISF Rules"). The revisions to the ISF Rules will address the rulemaking requirements for Section 2 of SB24-197, codified at 37-83-105(1), C.R.S. that allows an owner of stored water to loan water to CWCB for instream flow use in a reach of stream where CWCB does not hold an existing instream flow water right. Staff conducted an informal stakeholder meeting virtually on December 17, 2024, and will conduct a second informal stakeholder meeting in person on January 29, 2025 to discuss the draft ISF Rules revisions, which are posted on the CWCB website. Staff has provided notice of these meetings and has invited interested parties to submit written comments on the draft ISF Rules revisions by emailing them to kaylea.white@state.co.us. Once the comments have been considered and Staff has updated the ISF Rules revisions, then Staff plans to bring this item to the Board as soon as March 2025 to request initiation of the formal Rulemaking process.

**January 28-29, 2025 CWCB 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 water court cases. Staff had filed Statements of Opposition in the several cases listed below:

A. Statements of Opposition

1. Case No. 23CW3054 (Water Division 2) - Application of Dennis G. Britten and Judy C. Britten

The Board ratified this Statement of Opposition at its March 2024 meeting. Applicant requested "Storage Water Rights and Approval for Plan for Augmentation Including Water Exchange Project and Appropriative Rights of 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 November 26, 2024. The Ruling of the Referee was entered on January 8, 2025. This case remains pending before the Water Court.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 2 in the Arkansas Headwaters watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
95CW0232	Tallahassee Creek	confl South Tallahassee Creek	confl Arkansas River	1 (4/1 - 10/31) 0.5 (11/1 - 3/31)	11/06/1995

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

- Instream flow. The CWCB holds a November 6, 1995, Tallahassee Creek instream flow water right ("ISF"), decreed in Case No. 95CW232, for 1.0 cfs (April through October) and 0.5 cfs (November through March) on Tallahassee Creek that is located downstream of the Augmented Structures. As stated in [decree] Paragraphs 7.G.ii. and 8.G.ii., the Britten Ponds 1 and 2 existed in their current configurations and the water stored in those Ponds was applied to the beneficial uses stated herein prior to and at the time of the appropriation of the ISF. Pursuant to § 37-92-102(3)(b), C.R.S., the depletions associated with the Britten Ponds 1 and 2 are not subject to a call by the ISF. Accordingly, in the event of an ISF call, augmentation water will be released from either Walker Drive Ponds 1 or 2, or Fear's Pond 1 upstream of the ISF reach to replace only depletions attributable to the Water Feature, Walker Drive Ponds 1 and 2, and Fear's Pond 1. Under this scenario, all diversions into the Water Feature, Walker Drive Ponds 1 and 2, and Fear's Pond 1 not augmented under the plan for

augmentation decreed herein shall be curtailed, and depletions from the Britten Ponds 1 and 2 may still be replaced at the location downstream of the ISF using augmentation water delivered to the Arkansas River pursuant to the UAWCD Contract.

2. Case No. 21CW3075 (Water Division 4) - Application of Aegis Ranch Ventures, LLC, a Delaware limited liability

The Board ratified this Statement of Opposition at its March 2022 meeting. Applicant requested "Combined Application for Conditional Water Rights: Groundwater, Water Storage, and 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 December 12, 2024. This case remains pending before the Water Court.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 4 in the San Miguel watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
02CW0277	San Miguel River	Confluence of Fall Creek	Point immediately upstream of confluence Horsefly Creek	93 (5/1 - 10/14) 61 (10/15 - 4/30)	01/23/2002
84CW0429	San Miguel River	Confluence of South Fork of San Miguel River	Confluence of Fall Creek	20 (1/1 - 12/31)	07/13/1984
84CW0435	Big Bear Creek	Headwaters in vicinity of latitude 37° 51' 39" N, longitude 107° 59' 46" W.	Confluence of San Miguel River	2 (1/1 - 12/31)	07/13/1984

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 deliver its PVD stream depletion credits associated with dry up of 2.0 acres directly from the PVD to the Aegis Augmentation Pond by means of a pipeline off of the PVD located on what was described in Case No. 17CW3008 as Parcel CR. The Applicant will introduce the stream depletion credits to the unnamed stream tributary at the Point of Historical Return Flows or as described in Paragraph 9.C. Applicant will continue to irrigate the remaining 7.35 acres historically irrigated (shown on Exhibit A) with Applicant's Unchanged PVD Shares. Use of the Changed PVD Shares is limited to the legal and physical supply of such Changed PVD Shares at the PVD headgate less ditch loss.
- To ensure that the Applicant has an adequate amount of augmentation supply in a given water year, the Aegis Augmentation Pond shall have 1.5 acre feet of water stored by May 31st in order to replace all lagged depletions from the Aegis Ranch Well. If less than this amount is in storage, then Applicant will notify the Division Engineer on or before June 1st and the Division Engineer will curtail pumping to the extent necessary to ensure sufficient replacement supplies exist to replace lagged well pumping depletions. Pumping may resume once the Applicant has 1.5 acre feet of water stored

in the Aegis Augmentation Pond or can demonstrate to the Division Engineer that the available amount is adequate to cover remaining depletions and lagged return flow obligations.

- Applicant will be required to replace out-of-priority depletions from pumping of the Aegis Ranch Well as necessary to prevent injury to a vested senior water right. Applicant will replace all of the historical net return flow obligations in time, place, and amount, regardless of a downstream senior right call. All deliveries of water shall be made to the Point of Historical Return Flows.

3. Case No. 24CW3022 (Water Division 4) - Application of James G. Oates Trust Dated September 18, 1990

The Board ratified this Statement of Opposition at its September 2024 meeting. Applicant requested "Absolute Surface Water Right and Change of Water Rights". 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 December 12, 2024. The Ruling of the Referee was entered on December 12, 2024. The final decree was entered on January 6, 2025. This case is closed.

The CWCB holds instream flow ("ISF") water rights, including the following, in Water Division 4 in the Upper Gunnison watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
80CW0112	Ohio Creek	confl Mill Creek	confl Gunnison River	12 (1/1 - 12/31)	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:

- The Colorado Water Conservation Board ("CWCB") holds an instream flow water right on Segment 3 of Ohio Creek as decreed in Case No. 80CW0112 in the amount of 12 c.f.s. (year-round) ("Instream Flow Water Right"). The Oates Pump Station water right is junior to the CWCB's Instream Flow Water Right and is subject to curtailment when the CWCB's Instream Flow Water Right is not met and being administered below the Oates Pump Station point of diversion.

4. Case No. 23CW3067 (Water Division 5) - Application of BCP-ARR Water, LLC

The Board ratified this Statement of Opposition at its September 2023 meeting. Applicant requested "Finding of Reasonable Diligence and Change of Water Rights". The Court entered an Order granting Applicant's Motion to Dismiss, With Prejudice, on November 27, 2024. This case is closed.

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

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
77W3625 (Div. 5)	Brush Creek	confl E & W Brush Creeks	confl Eagle River	12 (1/1 - 12/31)	07/26/1977
80CW0124 (Div. 5)	Eagle River	confl Brush Creek	confl Colorado River	50 (10/1 - 4/30) 130 (5/1 - 9/30)	03/17/1980

FINANCE

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:

Litigation - Two Rivers has filed three separate cases seeking to determine the rights of various lienholders to the Orlando Reservoir and water rights. A final decision in these cases could limit the number of parties that would need to be served in a foreclosure by the CWCB.

John McKowen has filed several pleadings in the matter, including one seeking relief from the automatic stay, claiming a secured interest in Orlando Reservoir and associated water rights. Blue & Green and Marksheffel are both represented by counsel and disputing McKowen's claims, as is the Debtor. The initial hearing on the motion for relief from stay is set for 9:30 a.m. on 1/14/2025.

Other - Counsel for Two Rivers informed me that she intends to withdraw as counsel for Two Rivers. She has already filed a motion to withdraw as counsel for Orlando Reservoir in its bankruptcy case.



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: January 27-28, 2025 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:

- 2.05% - Agricultural
- 2.90% - Low-income Municipal
- 3.30% - Middle-income Municipal
- 3.70% - 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 0.85% 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.





COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street, Room 718
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: Matthew Stearns, P.E., Project Development

DATE: January 27-28, 2025 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
Total					\$39,200,000



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
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
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
Highland Ditch Company	Raw Water Pipeline	TBD
Subtotal		\$2,718,700,000



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
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
Fort Lyons Canal Company (+)	Diversion Structure Repair	\$500,000
Aguilar, Town of (‡)	New Augmentation Reservoir	TBD
Huerfano County	Water Rights Purchase	\$1,200,000
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
Fort Bent Canal Company	Siphon Rehabilitation	\$130,000
Subtotal		\$16,590,000
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
Forest Lakes Metropolitan District	Dam Rehabilitation	TBD
Subtotal		\$22,000,000
Colorado		
Orchard Mesa Irrigation District	Lateral Piping	\$300,000
Silt Water Conservancy District	Harvey Gap Reservoir	\$300,000
Middle Ditch	Ditch Piping Project	TBD
Gunther Covers	Christenson Dam	TBD
Town of Minturn	New Well Field	\$5,220,000
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
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
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	\$15,000,000
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
Rio Grande WCD - Subdistrict 6	Water Rights Purchase	\$5,000,000
Rio Grande WCD - Subdistrict 2	Water Rights Purchase	TBD
Subtotal		\$39,700,000
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
Subtotal		\$105,600,000





COLORADO
Colorado Water Conservation Board
Department of Natural Resources

1313 Sherman Street, Room 718
Denver, CO 80203
P (303) 866-3441
F (303) 866-447

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: January 27-28, 2025 Board Meeting

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

The CWCB Loan Program has Substantially Completed (19) projects in Calendar Year 2024 as shown in the Table. There are currently (47) projects authorized to receive loan funding totaling \$509M. There are (38) projects currently under contract and in the Design/Construction phase totaling \$302M. 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. www.cwcb.colorado.gov/loans-grants/water-project-loan-program

	Borrower	Project	County	Loan Amount	Complete
1	City of Grand Junction	Carson Reservoir Dam Rehabilitation	Mesa	4,343,000	1/24/24 (a)
2	Orphan Wells of Wiggins, LLC	Kiowa Creek Dam Rehabilitation	Morgan	\$357,873	3/1/24
3	Billings Ditch Company	Billings Ditch Implementation Project	Rio Grande	\$126,250	3/1/24
4	East Mesa Water Company	East Mesa Emergency Ditch Repair	Garfield	\$43,347	5/1/24
5	Oxford Farmers Ditch Company	Chicosa Siphon Repair	Otero	\$1,323,979	5/1/24
6	The Tunnel Water Company	Headgate Improvements (WIL) Project	Larimer	950,575	5/1/24
7	Genesee Water & San. District	Genesee Reservoir No. 1 Enlargement	Jefferson	\$5,122,625	6/1/24 (b)
8	Ogilvy Augmentation Company	Loloff Reservoir Acquisition	Weld	\$1,140,290	6/1/24 (c)
9	Root and Ratliff Ditch Company	Ditch Piping and Rehabilitation	Montezuma	\$250,408	6/1/24
10	City of Grand Junction	Kannah Creek Flowline Replacement	Mesa	2,246,326	6/1/24
11	City of Glenwood Springs	System Redundancy & Pre-Treatment Improvements	Garfield	\$3,777,754	6/1/24
12	Triview Metropolitan District	Stonewall Springs Reservoir Complex	Pueblo	\$5,202,439	6/1/24 (d)
13	Fort Morgan Res. & Irr. Co	Augmentation Pump Replacement	Fort Morgan	\$1,644,076	8/1/24
14	Last Chance Ditch Company	Measurement Structure Reconstruction	Weld	\$191,691	9/1/24
15	Ogilvy Irrigating and Land Co	Seely Reservoir Dredging	Weld	\$3,029,791	9/1/24 (e)
16	Orchard City Irrigation District	Fruitgrowers Res. Gates Replacement	Delta	\$505,000	9/1/24
17*	Montezuma Valley Irrigation Co	Beaver Creek Ditch Repairs	Dolores	\$689,366	11/1/24
18*	Lookout Mountain Water District	Upper and Lower Beaver Brook Dam Rehabilitation	Jefferson	\$3,353,920	12/1/24 (f)
19*	Inverness W&SD	WISE - Phase 2 Infrastructure	Douglas/Arap.	\$2,126,050	12/1/24
	* included in Director's Report		Total	\$36,424,760	

Calendar Year 2024 has added and preserved 5,515 acre-feet of reservoir storage; (a) 637; (b) 46; (c) 1,998; (d) 2,050; (e) 356; (f) 428





Montezuma Valley Irrigation Company's Beaver Creek Ditch had two breaches that were discovered in May of 2023. Repairs were completed in October 2023.



Project Description

The Montezuma Valley Irrigation Company (Company) provides irrigation water to 1,546 shareholders and over 37,500 irrigated acres in Montezuma County.

In May of 2023, two breaches were discovered in the Company's Beaver Creek Ditch (Ditch) and over 10,000 AF of water was estimated to have been lost. The first washout extended northwards in a V-shaped erosion to a nearby drainage. This was estimated to be 30 feet long, 45 feet wide, and 15 to 20 feet deep from the direction of the canal. The second washout, unlike the first, created a deep ravine downstream of the washout location that extended westwards approximately 2,000 feet before entering a natural drainage.

Since the high elevation provided a very limited construction window for repairs before snowfall, the Company immediately hired Jones & DeMille Engineering to design the repairs. Repairs to the Ditch began in August and were completed by WCA Construction in October 2023. The eroded ravines along the hillside were filled in and regraded to allow for natural drainage. At the site of the breaches, the Ditch was lined with concrete and covered with an impermeable geosynthetic liner to prevent seepage. The Ditch operated the whole of the 2024 irrigation season without issue.

P R O J E C T D A T A		
<i>Sponsor:</i> Montezuma Valley Irrigation Company	<i>County:</i> Dolores	<i>Water Source:</i> Beaver Creek
<i>Type of Project:</i> Ditch Rehabilitation	<i>Board Approval Date:</i> November 2023	
<i>Loan Terms:</i> 30 years @ 2.10% (Original) \$1,414,000 (Final) \$689,366.75		
<i>Design Engineer:</i> Jones & DeMille Engineering		
<i>Contractor:</i> WCA Construction, LLC		



Upper and Lower Beaver Brook Dam Rehabilitation

Lookout Mountain Water District
Substantially Complete December 1, 2024



Project Description

The Lookout Mountain Water District owns and operates the Upper Beaver Brook (UBB) Reservoir (397 AF), Lower Beaver Brook (LBB) Reservoir (31 AF), and Lookout Mountain Reservoir (101 AF) - diverting an annual average of 185 AF - for the benefit of its 1,600 residential and commercial customers.

In November of 2020, the District received a \$3,500,000 loan from the CWCB to support the rehabilitation of both the Upper and Lower Beaver Brook reservoirs. Construction on the dam of the LBB Reservoir - which serves a forebay for the District's water treatment plant - began in May of 2021 and finished at beginning of 2022. Soon after completion of the LBB, elevated pH water was observed seeping from the dam that exceeded the Army Corp's requirements. The District worked with the Army Corp to develop a mitigation and monitoring program in 2024 to the Corp's satisfaction.

Demolition and reconstruction on the UBB outlet works began in the May 2023 and concluded in August 2023. Due to the depth of the outlet works below water, a coffer dam was not a feasible option. The District contracted with an underwater diving company that specializes in the high altitude underwater construction to perform the work.

P R O J E C T D A T A		
<i>Sponsor:</i> Lookout Mountain Water District	<i>County:</i> Jefferson	<i>Water Source:</i> Beaver Brook
<i>Type of Project:</i> Dam Rehabilitation		<i>Board Approval Date:</i> November 2020
<i>Loan Terms:</i> 30 years @ 2.05% (Original) \$3,535,000.00 (Final) \$3,353,920.52		
<i>Design Engineer:</i> GEI Consultants Inc.		
<i>Contractors:</i> Zak Dirt Inc. for LBB; Marine Diving Solutions for UBB		



Project Description

Inverness Water and Sanitation District (District) has subscribed to 500 acre-feet of water on an average annual basis through the WISE Project. The WISE Project is the result of regional cooperative planning between Denver Water Aurora Water and 10 regional water providers in the south metropolitan area. The South Metro WISE Authority WISE Authority is comprised of ten governmental water providers in Douglas and Arapahoe Counties bound together by a 2013 Intergovernmental Agreement. The WISE Project will reduce dependence on non-renewable groundwater resources efforts.

The primary component of the second phase was the construction of the Binney Interconnect which directly connects the Prairie Waters Project outfall at the Binney Water Purification Plant and the East Cherry Creek Valley Western Pipeline. Work on Phase 2 and the Binney Interconnect began in 2020 and completed in 2023 after delays and cost increases due to COVID.

P R O J E C T D A T A		
<i>Sponsor:</i> Inverness Water and Sanitation District	<i>County:</i> Douglas and Arapahoe	<i>Water Source:</i> South Platte River
<i>Type of Project:</i> Water Supply Infrastructure		<i>Board Approval Date:</i> May 2014
<i>Terms of Loan:</i> 2.75% for 20 years (Original) \$2,126,050.00 (Final) \$2,126,050.00		
<i>Design Engineer:</i> Jacobs		
<i>Contractor:</i> Glacier Construction; T. Lowell Construction; Garney Construction		

PROJECTS UNDER CONTRACT

PROJECT						STATUS		
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%	95%	Construction ongoing. Some delays due to concrete contractor. Construction completion expected in early 2025.
Board of Water Works of Pueblo	Southside Diversion Dam Improvement Project	Arkansas	CT2024-1240	\$9,750,000	Joshua Godwin	100%	98%	Construction work is effectively complete. Substantial completion expected by Feb or Mar.
Breckenridge, Town of	Goose Pasture Tarn Dam Rehabilitation	Colorado	CT2023-0673	\$13,000,000	Cole Bedford	100%	99%	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. SC will be about Dec 2024
Crawford Clipper Ditch Company	Crawford Clipper Ditch Improvements	Gunnison	CT2024-2009	\$750,000	Joshua Godwin	100%	98%	Construction complete. Substantial completion expected in Feb or Mar.
Dove Creek, Town of	Reservoir No. 2	Southwest	CT2022-3321	\$800,000	Joshua Godwin	90%	0%	Dam Safety review initial design and has sent comments back.
Florida Consolidated Ditch Company	Hess Lateral Improvement	Southwest	CT2019-2034	\$1,075,000	Kirk Russell	100%	0%	Company received a Water Smart Grant in April 2023. This \$2M will help cover the increase of construction costs since the original bid in 2020. Project will be rebid fall 2024.
Florida Consolidated Ditch Company	Florida Canal Diversion Replacement	Southwest	CT2021-2890	\$750,000	Matt Stearns	100%	99%	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 revegetated in spring 2024 and construction is complete. Loan will be closed out in April 2025.
Fort Morgan Farms, LLC	Delta Water Storage Phase 1	South Platte	CT2021-2222	\$8,982,000	Zach Salin	80%	66%	NPH classification granted by Dam Safety. New spillway design and test plug design approved. Gravel mining continuing.
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. Grant contracts have been extended.
Grand Junction, City of	Purdy Mesa Flowline Replacement	Gunnison	CT2021-2857	\$7,000,000	Joshua Godwin	100%	98%	Construction restarted in May. Completion expected in November and SC by Spring of 2025.
Grand View Canal Irrigation Company	Grandview Canal Improvements	Gunnison	CT2024-4203	\$500,000	Joshua Godwin	90%	80%	Diversion structure complete.
Grand View Irrigation Company	Siphon Repair Project	Arkansas	CT2023-2058	\$350,000	Joshua Godwin	100%	98%	Project complete. Waiting to set date for substantial completion.
Groundwater Management Subdistrict of CCWCD	Hokestra Reservoir Purchase	South Platte	CT2020-3348	\$5,390,500	Zach Salin	100%	85%	Running into issues with loan expiration (April 2025) but asking for extension through 2036 due to expected gravel mining schedule. \$982k undispersed on loan. Can extend to 2026 to complete basic scope.
Groundwater Management Subdistrict of CCWCD	Pioneer Reservoir	South Platte	CT2019-3687	\$8,611,000	Zach Salin	100%	95%	Poudre Valley REA need to complete power supply to pump. Pumphouse complete. Anticipate SC of project in early 2025.
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. EMD connect 7/2020. Construction complete, final walk thru Aug 2020. Water court work is complete. Loan increase may be required for water storage.
Keensburg, Town of	Alluvial Water Rights Extension Project	South Platte	CT2024-2007	\$2,100,000	Joshua Godwin	0%	0%	Water rights purchase is complete. Construction of pipeline from wells to town expected late 2024/early 2025.
North Poudre Irrigation Company	Park Creek Expansion Project	South Platte	CT2023-2593	\$9,900,000	Zach Salin	100%	40%	Construction is continuing with placement of zone 3 fill, backfill o excavation of the downstream slope, subgrade prep at the spillway, completion of the sand filter chimney drain test bed, etc.
Platte Valley Irrigation Company	Platte Valley Reservoir No. 1	South Platte	CT2024-2005	\$4,500,000	Zach Salin	80%	0%	Project is still negotiating with FRICO. FRICO rejected PVICs draft agreement and wants agreement on their form. FRICO wants to operate the entire facility, does not want to pay shared costs. PVIC Board revised agreement 3 weeks ago, FRICO reviewing. PVIC may try to approach individual board members. FRICO requested storage, which PVIC granted, PVIC is offering FRICO a share of an upcoming Frac project.
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.
Ridgway, Town of	Beaver Creek Diversion Restoration (DIL)	Gunnison	CT2025-1336	\$8,000,000	Joshua Godwin	20%	0%	RFP sent out early January to find consultant for project.

PROJECTS UNDER CONTRACT

PROJECT						STATUS			
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update	
21	Rio Blanco Water Conservancy District	Taylor Draw Hydroelectric Turbine Refurbishment	Yampa/White /Green	CT2025-0768	\$2,125,000	Joshua Godwin	100%	30%	Turbine has been removed and transported to facility for refurbishment.
22	Rio Grande Water Conservation District Subdistrict No. 5	Saguache Pipeline	Rio Grande	CT2021-3846	\$6,020,000	Zach Salin	100%	98%	Driller invoice provided, final invoice received. ZCS beginning SC paperwork, Project will SC as of April 1, 2025 per Chris Ivers request.
23	Silver Lake Ditch & Reservoir Company	Elephant Buttress Tunnel Rehabilitation	South Platte	CT2025-0766	\$150,000	Zach Salin	100%	98%	Project is complete, final invoice rec'd and paid out. Project will SC either February 1 or March 1 (pending confirmation from Borrower).
24	Smith and Emmons Ditch Company	Diversion Structures Replacement Project	South Platte	CT2023-2473	\$410,000	Zach Salin	100%	10%	Construction kick-off meeting occurred Nov 26. Construction has started. There is a Contractor meeting on-site today.
25	Special Improvement District No. 3 of the RGWCD	Alpha Hay Farms Augmentation	Rio Grande	CT2023-2843	\$2,555,000	Zach Salin	100%	95%	Project is continuing to operate under their SWSP including operation of the aug well using the recently-installed VFD. Subdivided tracts of the property are being offered for sale to offset loan costs.
26	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%	Closed on property. New hole for aug well planned in Winter 2024 to Spring 2025. Drill job will be put out to bid. RGWCD continuing non-loan scope work like revegetation.
27	Trinchera Conservancy District - Groundwater Management Subdistrict	Augmentation Pipeline	Rio Grande	CT2022-3040	\$977,000	Kirk Russell	100%	99%	Project is complete. Substantial completion date TBD.
28	Trinchera Conservancy District - Groundwater Management Subdistrict	Water Rights Purchase	Rio Grande	CT2025-0288	\$2,300,000	Joshua Godwin	100%	0%	Borrower is requesting an increase to by additional water from seller.
29	Tunnel Water Company	West Half Laramie-Poudre Tunnel Rehabilitation	North Platte/South Platte	CT2019-3706	\$18,730,000	Kirk Russell	100%	99%	Construction was completed in spring of 2022 after delays due to Cameron Peak wildfire. Warranty review found tunnel lining caved in. Repair was made winter of 22/23. Loan increased by Board March '24. SC is scheduled for Nov 2025.
30	Twin Lakes Reservoir and Canal Company	Grizzly Reservoir Rehabilitation	Colorado	CT2024-2006	\$9,833,000	Joshua Godwin	95%	60%	Dam faced lining complete. Site closed out for the season. Construction expected to resume Summer of 2025 or 2026.
31	Uncompahgre Valley Water Users Association	Taylor Park Hydro Powerplant Project	Gunnison	CT2023-2565	\$1,685,000	Kirk Russell	100%	99%	This project is complete. Substantial Completion will be set for the spring of 2025 after power generation revenue begins.
32	Victor, City of	Victor Reservoir No. 2 Dam Rehabilitation	Arkansas	CT2021-3873	\$900,000	Kirk Russell	100%	99%	Town replaced the outlet tower per DWR/Dam Safety. Project is complete. City is determining amount of cash funds they will use. Increase to loan funds requested Nov '24.
33	West Divide Water Conservancy District	Flannery Reservoir Purchase	Colorado	CT2025-0769	\$2,029,000	Joshua Godwin	75%	0%	Money disbursed to cover bridge loan on Flannery Reservoir purchase. Need to select contractor for reservoir improvements.
34	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.
35	Windy Gap Firming Project Water Activity Enterprise	Windy Gap Project (Chimney Hollow Reservoir)	South Platte	CT2021-2039	\$154,108,911	Zach Salin	100%	89%	Carter Lake Interconnect completed 8/29/24 and is undergoing wet testing. Da is approximately 304.5 ft/350 ft. PR amounts are being coordinated with Mimi and Treasury.
36	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.
	Orchard Mesa Irrigation District			CT2022-2057	\$1,066,000				
37	Cottonwood Water and Sanitation District	WISE - Phase 2 Infrastructure	South Platte	CT2015-0105	\$1,674,000	Kirk Russell	100%	100%	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, pump 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.
	Pinery (Denver SE Water and Sanitation District)			CT2015-0086	\$1,413,130				
38	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.
	Inverness Water and Sanitation District			CT2015-0120	\$450,000				

PROJECTS UNDER CONTRACT

PROJECT						STATUS		
Borrower	Project Name	Basin	Contract #	Amount	Manager	Design	Construction	Update
Parker Water and Sanitation District			CT2015-0110	\$1,089,000				

TOTAL UNDER CONTRACT \$302,476,141

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	CT2025-XXXX	\$90,000,000	Kirk Russell	0%	0%	Federal Funding will control the scheduled use of these funds
2 Colorado City Metropolitan District	Lake Beckwith Dam Modifications	Arkansas	CT2025-XXXX	\$3,333,000	Joshua Godwin	0%	0%	
3 Northern Colorado Water Conservancy District - Northern Integrated Supply Project Water Activity Enterprise	Northern Integrated Supply Project	South Platte	CT2025-XXXX	\$101,000,000	Zach Salin	15%	0%	2024 Projects Bill
4 Montezuma Valley Irrigation Company	Lower Arickaree and Garrett Ridge Canal Piping	Montezuma	CT2025-XXXX	\$3,004,000	Joshua Godwin		0%	
5 High Line Canal Company	Rocky Ford High Line Canal Diversion	Pueblo	CT2025-XXXX	\$4,119,000	Zach Salin		0%	
6 Crawford Water Conservancy District	Feeder Canal Stabilization	Gunnison	CT2025-XXXX	\$297,030	Joshua Godwin		0%	
7 Larimer and Weld Irrigation Company	Cache La Poudre River Diversion Rehabilitation	Cache La Poudre	CT2025-XXXX	\$2,872,000	Zach Salin		0%	
8 Bergen Ditch and Reservoir Company	Rehabilitation of Polly Deane Reservoir	Metro	CT2025-XXXX	\$302,000	Zach Salin			
9 Sterling Irrigation Company	Sterling #1 Ditch Bypass Structure Replacement		CT2025-XXXX	\$1,135,000	Zach Salin			

NOT UNDER CONTRACT SUB TOTAL \$206,062,030

GRAND TOTAL \$508,538,171

WATER PROJECT CONSTRUCTION LOAN PROGRAM
LOAN REPAYMENT DELINQUENCY REPORT
LOAN FINANCIAL ACTIVITY REPORT
January 2025

LOAN REPAYMENT DELINQUENCY

Loan repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2024 through December 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 2025 total 308. 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 2025 is summarized as follows:

Funds received relative to loans in repayment totaled \$21.7M for this year.

Funds disbursed relative to new project loans totaled \$75.8M for this year.

Net activity resulted in \$54.1M disbursed by the CWCB Construction Fund and the Severance Tax Perpetual Base Fund (STPBF) over the total received.

Further breakdown is summarized as follows:

The Construction Fund portion consists of \$8.4M in receipts and \$59.7M in disbursements for a total net activity of \$51.3M disbursed over received.

The STPBF consists of \$13.3M in receipts and \$16.1M in disbursements for a total net activity of \$2.8M disbursed over received.

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2024	\$ 366,225	\$ 153,487	\$ 519,712	\$ 2,469,000	\$ (1,949,288)
August 2024	\$ 1,871,552	\$ 1,081,695	\$ 2,953,247	\$ 15,441,097	\$ (12,487,850)
September 2024	\$ 1,331,112	\$ 517,814	\$ 1,848,926	\$ 47,886	\$ 1,801,040
October 2024	\$ 188,310	\$ 65,664	\$ 253,974	\$ 20,601,890	\$ (20,347,916)
November 2024	\$ 652,042	\$ 523,412	\$ 1,175,454	\$ 2,398,521	\$ (1,223,067)
December 2024	\$ 1,076,765	\$ 578,552	\$ 1,655,317	\$ 18,742,680	\$ (17,087,363)
January 2025	\$ -	\$ -	\$ -	\$ -	\$ -
February 2025	\$ -	\$ -	\$ -	\$ -	\$ -
March 2025	\$ -	\$ -	\$ -	\$ -	\$ -
April 2025	\$ -	\$ -	\$ -	\$ -	\$ -
May 2025	\$ -	\$ -	\$ -	\$ -	\$ -
June 2025	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2025 Totals	\$ 5,486,006	\$ 2,920,625	\$ 8,406,631	\$ 59,701,074	\$ (51,294,444)

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2024	\$ 162,610	\$ 82,859	\$ 245,469	\$ 3,480,139	\$ (3,234,670)
August 2024	\$ 4,721,884	\$ 1,467,187	\$ 6,189,071	\$ 1,867,800	\$ 4,321,271
September 2024	\$ 289,235	\$ 140,480	\$ 429,714	\$ 939,894	\$ (510,180)
October 2024	\$ 1,772,512	\$ 2,063,015	\$ 3,835,527	\$ 6,564,257	\$ (2,728,730)
November 2024	\$ 348,125	\$ 37,584	\$ 385,708	\$ 2,146,026	\$ (1,760,318)
December 2024	\$ 1,657,021	\$ 556,728	\$ 2,213,749	\$ 1,129,892	\$ 1,083,857
January 2025	\$ -	\$ -	\$ -	\$ -	\$ -
February 2025	\$ -	\$ -	\$ -	\$ -	\$ -
March 2025	\$ -	\$ -	\$ -	\$ -	\$ -
April 2025	\$ -	\$ -	\$ -	\$ -	\$ -
May 2025	\$ -	\$ -	\$ -	\$ -	\$ -
June 2025	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2025 Totals	\$ 8,951,387	\$ 4,347,852	\$ 13,299,239	\$ 16,128,008	\$ (2,828,769)

GRAND TOTAL	\$ 14,437,392	\$ 7,268,477	\$ 21,705,869	\$ 75,829,082	\$ (54,123,213)
--------------------	----------------------	---------------------	----------------------	----------------------	------------------------



COLORADO

Colorado Water Conservation Board

Department of Natural Resources
1313 Sherman Street, Room 718
Denver, CO 80203

January 15, 2025

Members of the 2025 Colorado General Assembly

Re: CWCB - Small Project Loan Report
Loans Approved in Calendar Year 2024
Construction Fund and Severance Tax Perpetual Base Fund

Pursuant to C.R.S. § 37-60-122(b), the Colorado Water Conservation Board (CWCB) is submitting the attached written determination of the basis for all loans under \$10,000,000 authorized during the 2024 calendar year. The report will be presented to the CWCB at the January 27-28, 2025 Board meeting.

The report will be posted on the web at www.leg.colorado.gov and on the CWCB website www.cwcb.state.co.us. A copy of the report has been submitted to the Legislative Library, Room 029 of the State Capitol Building. Paper copies of the Report can be made available upon request.

If you have questions or need additional copies of the report, please contact Daphne Gervis, Legislative Liaison, at 303-866-3311 x8664.

Sincerely,

Lauren Ris, Director
Colorado Water Conservation Board



Colorado Water Conservation Board

CONSTRUCTION FUND AND SEVERANCE TAX PERPETUAL BASE FUND

SMALL PROJECT LOAN REPORT (2024 CALENDAR YEAR)



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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

January 15, 2025

PREFACE

Pursuant to Section 37-60-122(b) of the C.R.S. the Colorado Water Conservation Board (CWCB) is required to submit a report by January 15th of each year to the Colorado General Assembly describing the basis of all Construction Fund and Severance Tax Perpetual Base Fund loans authorized by the CWCB under \$10,000,000. This report fulfills the CWCB reporting obligations for those “Small Project” loans for Calendar Year 2024.

The report includes a summary spreadsheet identifying each loan approval date, the project sponsor or borrower, the project name, the loan amount, and the name of the County and River Basin where the project is located. There were 12 new loan projects under \$10,000,000 approved by the CWCB in Calendar Year 2024. The total loan value is approximately \$27 million.

Included in the report is a loan project Data Sheet for each new loan project. The Data Sheet includes a project description, project location map, and other pertinent loan and project information.

January 15, 2025

**Colorado Water Conservation Board
Small Project Loans
For Calendar Year 2024**

	Date Approved	Borrower	Project	Amount Approved	Funding Source*	County	Basin
1	1/29/2024	Grandview Canal Irrigation Company	Grandview Canal Improvements	\$ 505,000	ST	Delta	Gunnison
2	3/13/2024	Trinchera Groundwater Management Subdistrict	Water Rights Purchase	\$ 2,323,000	CF	Costilla	Rio Grande Basin
3	7/18/2024	Montezuma Valley Irrigation Company	Lower Arickaree and Garrett Ridge Canal Piping	\$ 3,034,040	CF	Montezuma	San Juan/Dolores
4	7/18/2024	High Line Canal Company	Rocky Ford High Line Canal Diversion Rehabilitation	\$ 4,160,190	ST	Pueblo/Otero	Arkansas
5	9/18/2024	Crawford Water Conservancy District	Feeder Canal Stabilization	\$ 300,000	ST	Delta	Gunnison
6	9/18/2024	Rio Blanco Water Conservancy District	Taylor Draw Hydroelectric Turbine Refurbishment	\$ 2,146,250	ST	Rio Blanco	Yampa/White/Green
7	9/18/2024	Larimer and Weld Irrigation Company	Cache La Poudre River Diversion Rehabilitation	\$ 2,900,720	ST	Larimer	South Platte
8	9/18/2024	Silver Lake Ditch and Reservoir Company	Elephant Buttress Tunnel Rehabilitation	\$ 151,500	CF	Boulder	South Platte
9	9/18/2024	West Divide Water Conservancy District	Flannery Reservoir Purchase	\$ 2,049,290	CF	Garfield	Colorado
10	11/20/2024	Sterling Irrigation Company	Sterling #1 Ditch Bypass Structure Replacement	\$ 1,146,350	ST	Logan	South Platte
11	11/20/2024	Town of Ridgway	Beaver Creek Diversion Restoration	\$ 8,080,000	ST	Ouray	Gunnison
12	11/20/2024	Bergen Ditch and Reservoir Company	Rehabilitation of Polly Deane Reservoir	\$ 305,020	CF	Jefferson	Metro

Total Amount Approved in 2024

\$ 27,101,360

*Indicates whether the funding source is from Construction Fund (CF) or Severance Tax Fund (ST)

Loan Increases in 2024

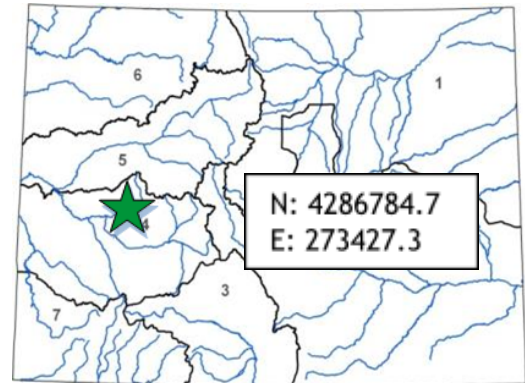
1	3/13/2024	Tunnel Water Company	West Half Laramie-Poudre Tunnel Rehabilitation	\$ 18,917,300	CF	Larimer	North Platte/South Platte
2	5/15/2024	Ogilvy Irrigation and Land Company	Seeley Reservoir Dredging	\$ 3,284,520	ST	Weld	South Platte
3	7/18/2024	North Poudre Irrigation Company	Park Creek Expansion Project	\$ 12,978,500	ST	Larimer/Weld	South Platte
4	11/20/2024	City of Victor	Victor Reservoir No. 2 Dam Rehabilitation	\$ 909,000	CF	Teller	Arkansas

Grandview Ditch Improvements

Grand View Canal Irrigation Company

January 2024 Board Meeting

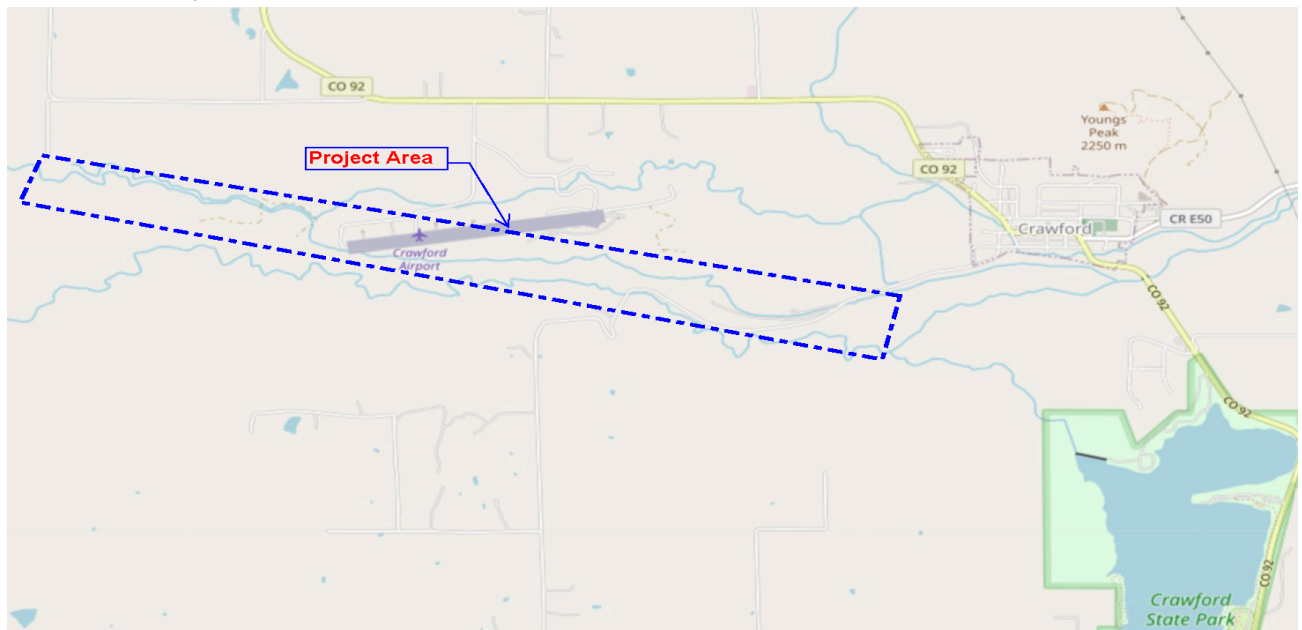
LOAN DETAILS	
Project Cost:	\$9,467,000
CWCB Loan (with 1% Service Fee):	\$505,000
Loan Term and Interest Rate:	30 Yrs @ 2.00%
Funding Source:	Severance Tax Perpetual Base Fund
BORROWER TYPE	
Agriculture	Municipal Commercial
100%	0% Low - 0% Mid - 0% High 0%
PROJECT DETAILS	
Project Type:	Ditch Rehabilitation
Average Annual Diversions:	16,067 AF



The Grand View Canal Irrigation Company (Company) is a nonprofit corporation formed in 1922. The Company provides irrigation water to 27 shareholders and irrigates 4,480 acres of land.

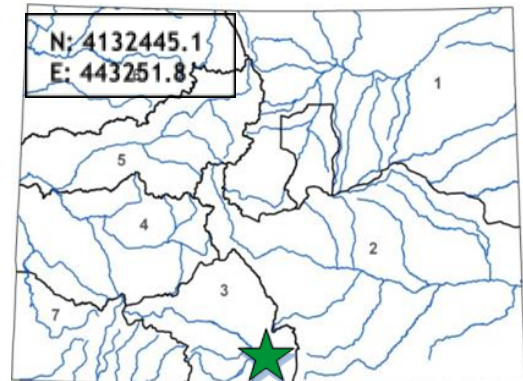
LOCATION	
County:	Delta
Water Source:	Smith Fork
Drainage Basin:	Gunnison
Division: 4	District: 40

The Project includes constructing a new diversion structure, settling basin and piping approximately 20,000 feet of open canal. Overall, the project will increase efficiency of the canal by reducing seepage, and reducing maintenance and water quality issues related to erosion. This Project will be jointly funded with the Bureau of Reclamation, the National Resources Conservation Service, the Colorado River Water Conservation District, and the Gunnison Roundtable. Construction is expected to begin in the winter of 2024 and be completed in 2025.





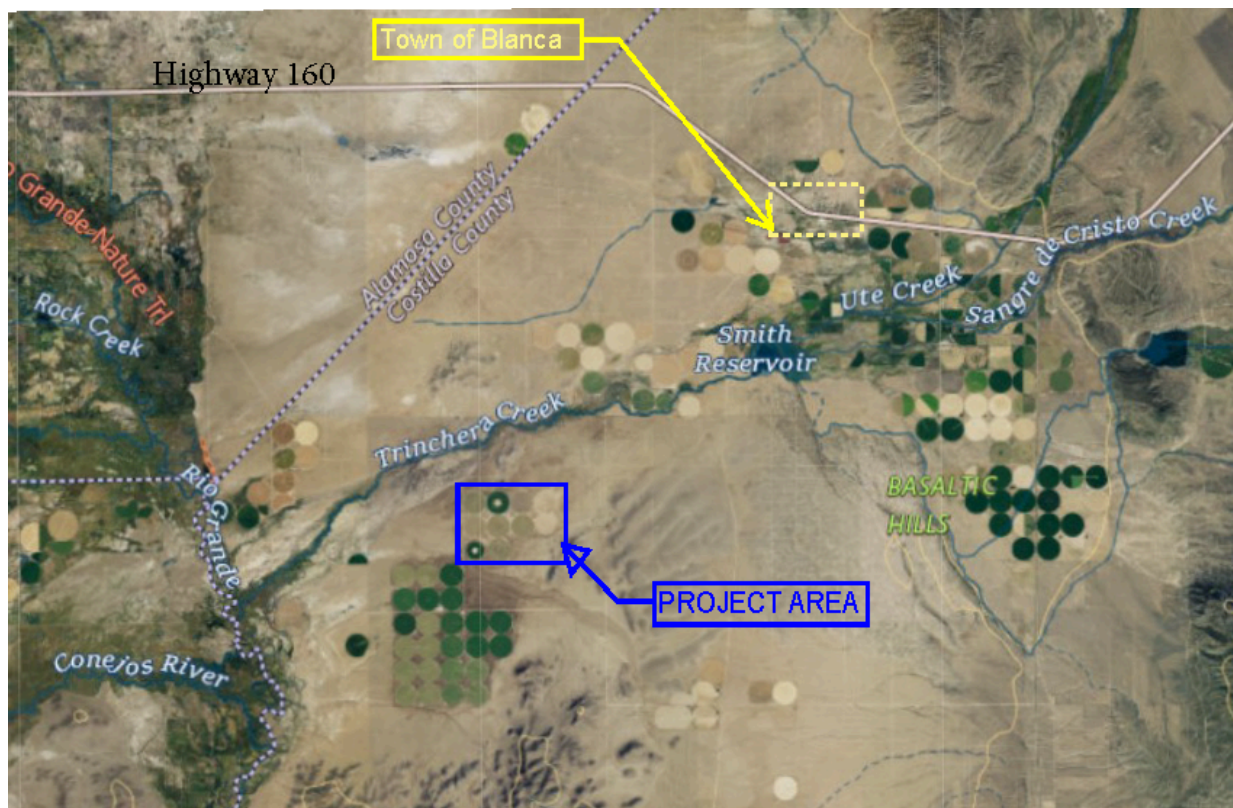
LOAN DETAILS - DRAFT	
Project Cost:	\$2,500,000
CWCB Loan (with 1% Service Fee):	\$2,323,000
Loan Term and Interest Rate:	30 Yrs @ 2.10%
Funding Source:	Construction Fund
BORROWER TYPE	
Agriculture	Municipal Commercial
98%	1% Low - 0% Mid - 0% High 1%
PROJECT DETAILS	
Project Type:	Water Rights Purchase
Average Annual Diversions:	24,888 AF



The Trinchera Groundwater Management Subdistrict of the Trinchera Water Conservancy District (Subdistrict), was formed in 2018 in order to pursue a Ground Water Management Plan. The Subdistrict consists of 179 wells in both confined and unconfined aquifers.

LOCATION	
County:	Costilla
Water Source:	Rio Grande
Drainage Basin:	Rio Grande
Division: 3	District: 35

The Project is to purchase the water rights associated with 10 unconfined wells near the confluence of Trinchera Creek and the Rio Grande. The wells will be used as a source of historical consumption of 985 AF, with half also being used as a physical supply of water, and half as a potential future physical supply of water. This project is a follow up to a CWCB loan approved in November 2021 to the Subdistrict that funded an augmentation pipeline from irrigation wells - in this purchase - to the Rio Grande. This water is used to offset stream depletions by Subdistrict members. Of these wells, 5 are already connected to the pipeline. The closing date of the lease purchase agreement is scheduled for April 2025.



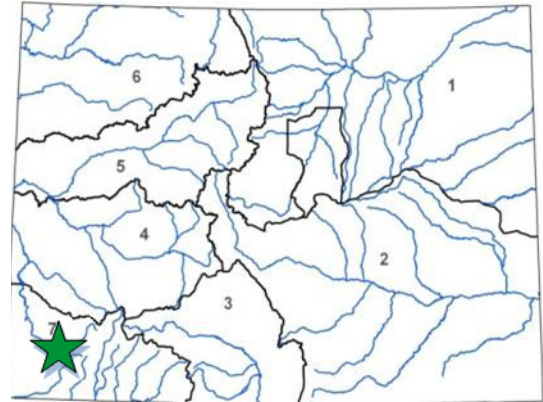


Lower Arikaree and Garrett Ridge Canal Piping

Montezuma Valley Irrigation Company

July 2024 Board Meeting

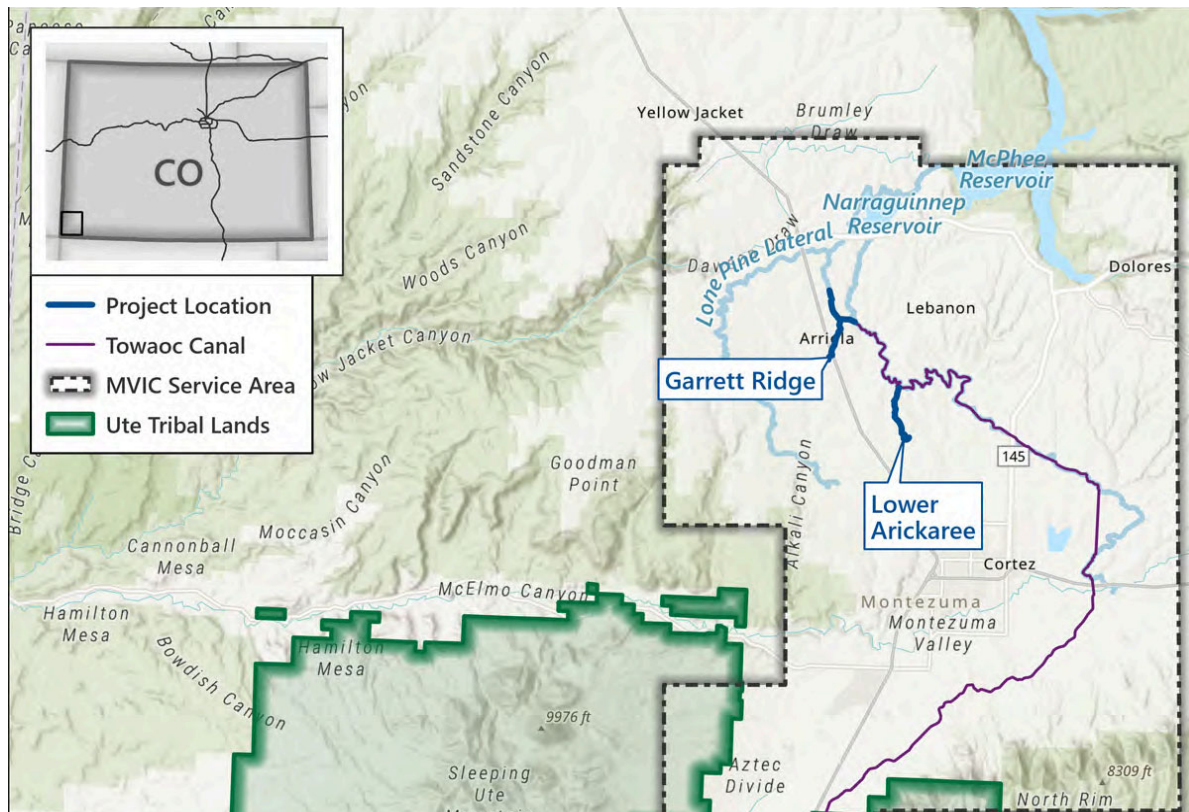
LOAN DETAILS	
Project Cost:	\$6,004,000
CWCB Loan (with 1% Service Fee):	\$3,034,040
Loan Term and Interest Rate:	30 Yrs @ 2.10%
Funding Source:	Construction Fund
BORROWER TYPE	
Agriculture	Municipal Commercial
97%	2% Low - 0% Mid - 0% High 1%
PROJECT DETAILS	
Project Type:	Ditch Piping
Average Annual Diversions:	125,000 AF



The Montezuma Valley Irrigation Company (Company) is a mutual ditch and reservoir company initially organized in 1880. The Company provides irrigation water to 1,546 shareholders on approximately 37,500 acres of land near Cortez.

LOCATION	
County:	Montezuma
Water Source:	Dolores
Drainage Basin:	San Juan/Dolores
Division: 7	District: 32

The Project is the design, permitting, and construction of piping within the two canals. It will benefit water users by reducing seepage, the need for operational water (e.g. “push” water), and evaporative losses along the Garrett Ridge and Lower Arikaree canals. The project will also facilitate management of reservoir releases to meet current demands, and water savings accumulated from the project will increase reservoir supplies. Project funding will also come from a Bureau of Reclamation WaterSMART grant. Construction is expected to begin in the fall of 2025 and continue until the summer of 2027.

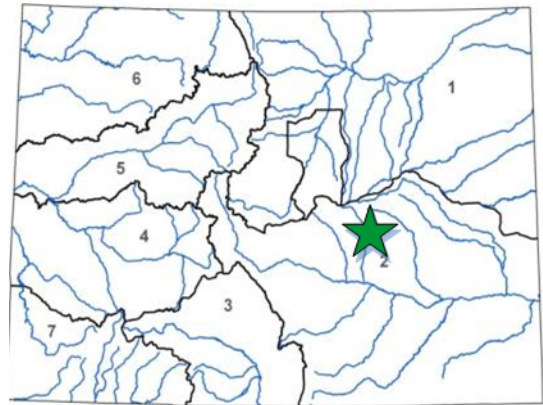




Rocky Ford High Line Canal Diversion Rehabilitation

High Line Canal Company
July 2024 Board Meeting

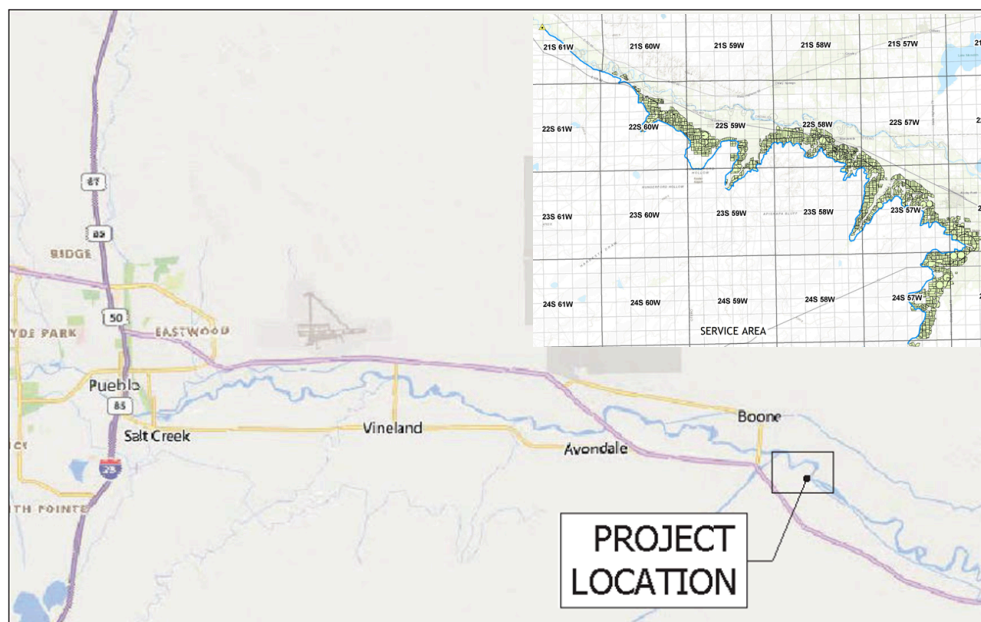
LOAN DETAILS	
<i>Project Cost:</i>	\$4,231,000
<i>CWCB Loan (with 1% Service Fee):</i>	\$4,160,190
<i>Loan Term and Interest Rate:</i>	30 Yrs @ 2.05%
<i>Funding Source:</i>	Construction Fund
BORROWER TYPE	
<i>Agriculture</i>	<i>Municipal</i>
98.8%	0.2% Low - 1% Mid - 0% High
	<i>Commercial</i>
	0%
PROJECT DETAILS	
<i>Project Type:</i>	Diversion Structure Replacement
<i>Average Annual Diversions:</i>	82,066 AF



The High Line Canal Company (Company) is a mutual canal company that was incorporated in 1889. The Company diverts water from the Arkansas River using their diversion structure and canal headgate, which provides water to the Company's 203 shareholders who use the water to irrigate approximately 22,300 acres of land primarily planted for alfalfa, corn, and sorghum.

LOCATION	
<i>County:</i>	Pueblo, Otero
<i>Water Source:</i>	Arkansas
<i>Drainage Basin:</i>	Arkansas
<i>Division: 2</i>	<i>District: 17</i>

The Rocky Ford High Line Canal Diversion Rehabilitation Project (Project) will replace the Company's existing diversion structure and canal headgate thereby improving the Company's ability to efficiently provide irrigation water to shareholders. These improvements will also help to minimize delivery interruptions and maintenance requirements. Loan funding will be used to develop the final design and engineering, as well as bid and construct the Project. In addition to the loan, the Company is also seeking approval for a WSRF grant at this July Board meeting. Construction is expected to begin in the fall of 2024 and to be completed in the spring of 2025.





COLORADO

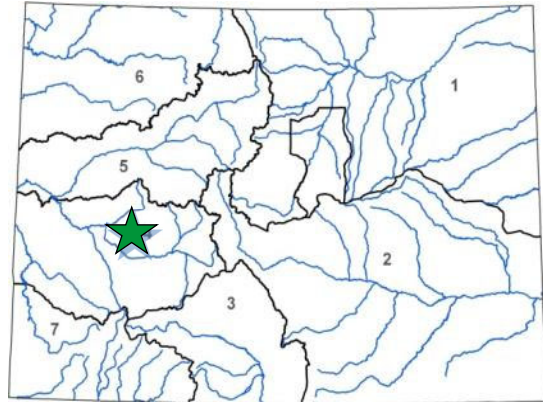
Colorado Water
Conservation Board
Department of Natural Resources

Feeder Canal Stabilization

Crawford Water Conservancy District

September 2024 Board Meeting

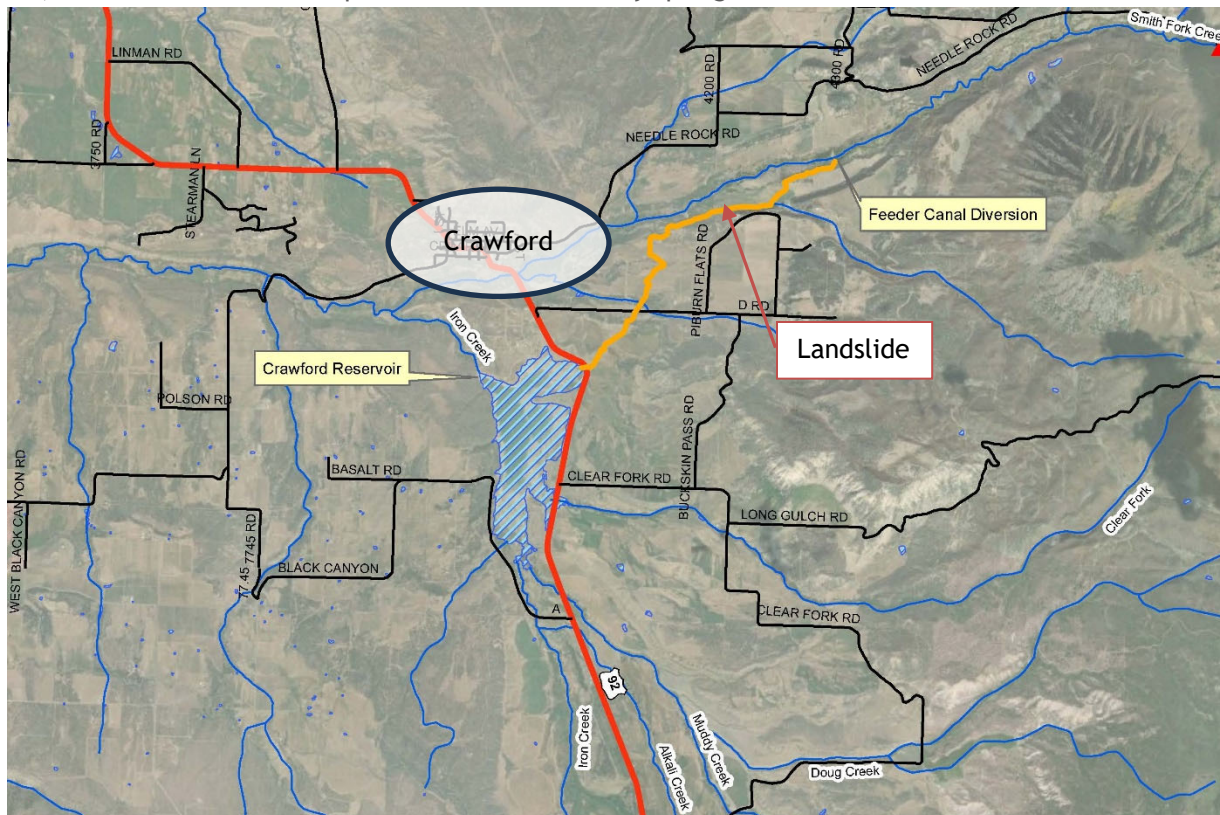
LOAN DETAILS	
Project Cost:	\$884,000
CWCB Loan (with 1% Service Fee):	\$300,000
Loan Term and Interest Rate:	27 Yrs @ 2.10%
Funding Source:	Severance Tax Perpetual Base Fund
BORROWER TYPE	
Agriculture	Municipal Commercial
100%	0% Low - 0% Mid - 0% High 0%
PROJECT DETAILS	
Project Type:	Ditch Rehabilitation
Average Annual Diversions:	32,000 AF



The Crawford Water Conservancy District (District) was formed in 1957 to operate and maintain the Smith Fork Project, which diverts water from Smith Fork to Crawford Reservoir via the feeder canal. The District supplies irrigation water for approximately 10,000 acres in Delta and Montrose counties via the Aspen Ditch and deliveries to six private canals.

LOCATION	
County:	Delta
Water Source:	Smith Fork
Drainage Basin:	Gunnison
Division:	4 District: 40

A portion of the canal was constructed through an area prone to landslides, and in December 2023 the District found that a landslide had occurred below a portion of the canal. Emergency mitigation was undertaken to ensure delivery of water to the reservoir for the 2024 fill season. That work included regrading and compacting the canal above the slide and applying a bentonite liner to minimize seepage. Initial engineering has identified that the slide area has to be buttressed to reduce the risk of failure, and the canal will need to be piped through the entire landslide formation. This Project will buttress the slide, while piping will occur in a future project. The Project will be funded with grants from NRCS and the Colorado River Water Conservancy District in addition to the loan. Design and engineering is occurring now, with construction anticipated in late fall or early spring of 2024.



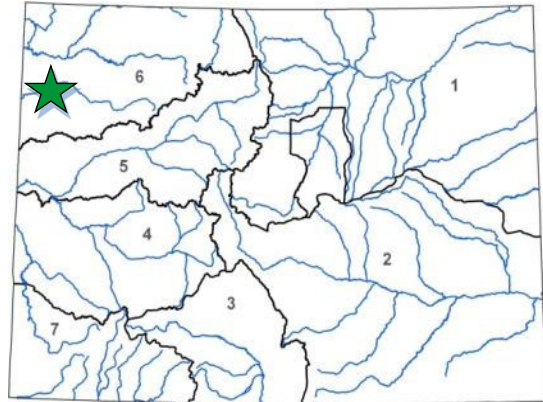


Taylor Draw Hydroelectric Turbine Refurbishment

Rio Blanco Water Conservancy District

September 2024 Board Meeting

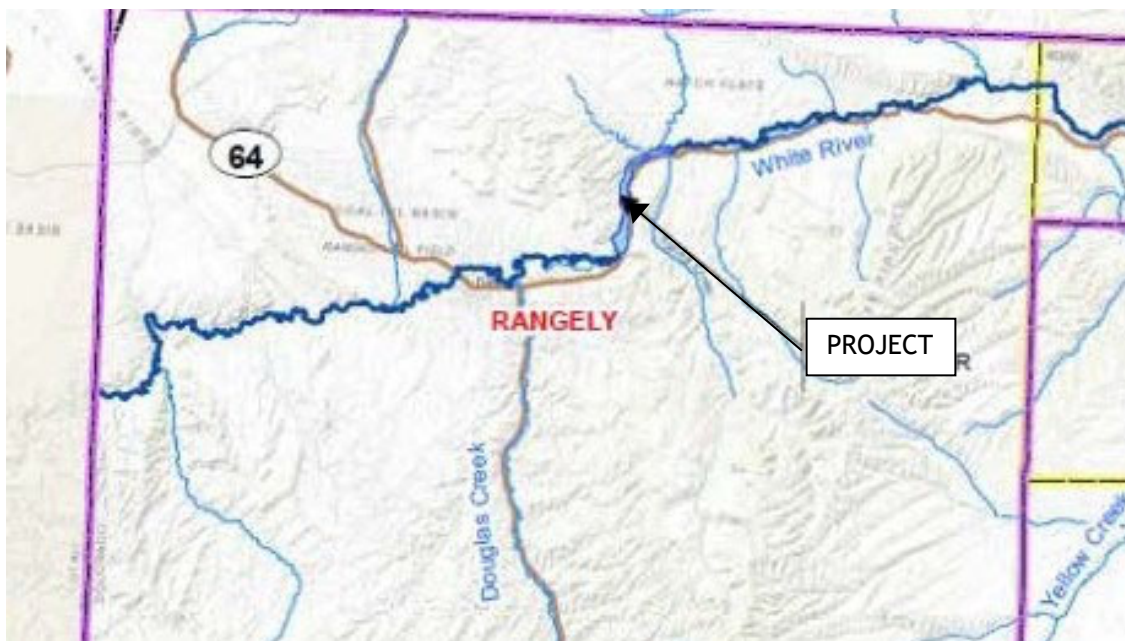
LOAN DETAILS	
Project Cost:	\$2,125,000
CWCB Loan (with 1% Service Fee):	\$2,146,250
Loan Term and Interest Rate:	30 Yrs @ 2.00%
Funding Source:	Severance Tax Perpetual Base Fund
BORROWER TYPE	
Hydroelectric	
PROJECT DETAILS	
Project Type:	Hydroelectric
Average Annual Delivery:	51,430 AF
Average Annual Power Production:	11,433 MWh



The Rio Blanco Water Conservancy District (District) was organized in 1990 for conserving and utilizing water resources within the district boundaries. The District serves 2,700 residents in the western portion of the county. The District's Enterprise was created in 1993 to lease the power flow water right from the District, and to use the District's Federal Energy Regulatory Commission license to build, operate, and maintain the hydroelectric project.

LOCATION	
County:	Rio Blanco
Water Source:	White River
Drainage Basin:	Yampa/White/Green
Division: 6	District: 43

The 2.0-megawatt hydroelectric project was constructed on the Taylor Draw Dam at Kenney Reservoir. The dam is a "run-of-the-river" impoundment that provides flood protection and other benefits. The turbine was constructed in 1993 and has been operating since, producing power for approximately 2,000 homes. The turbine has been approaching the end of its life and needs to be refurbished to continue operating efficiently and consistently. The project will include removal of the entire turbine assembly, refurbishment, and reinstallation. Work includes a 3-month lead time for parts acquisition, and approximately 16 weeks of outage. The effort is expected to start in the fall of 2024 and last through the spring of 2025.



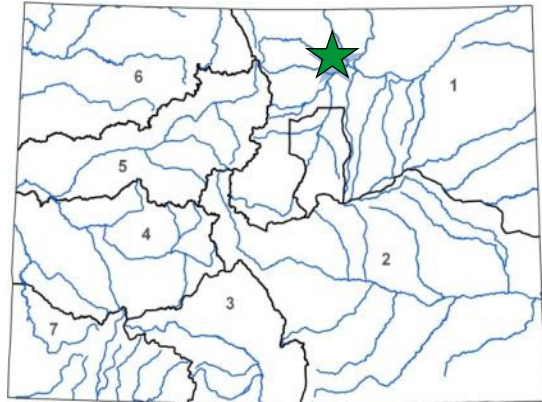


Cache La Poudre River Diversion Rehabilitation

Larimer and Weld Irrigation Company

September 2024 Board Meeting

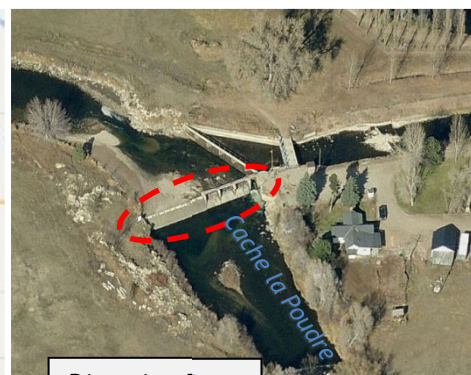
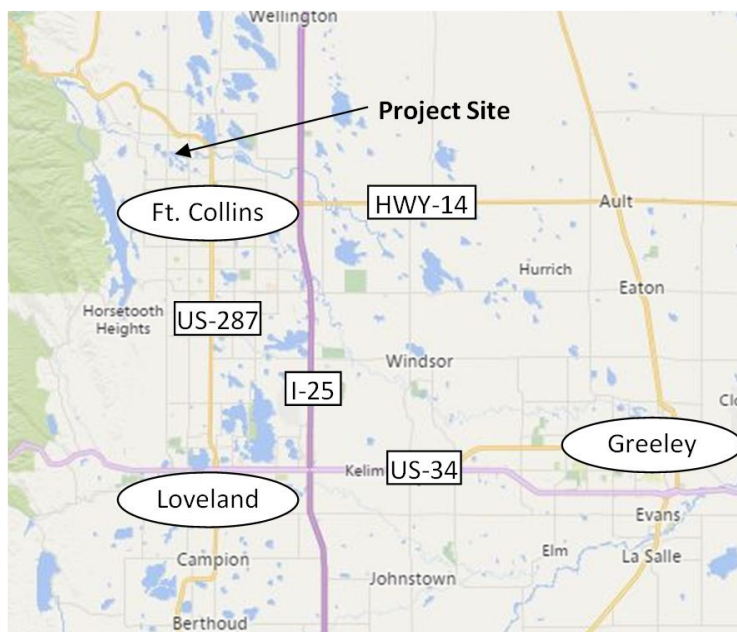
L O A N D E T A I L S	
Project Cost:	\$2,872,000
CWCB Loan (with 1% Service Fee):	\$2,900,720
Loan Term and Interest Rate:	30 Yrs @ 2.15%
Funding Source:	Severance Tax Perpetual Base Fund
B O R R O W E R T Y P E	
Agriculture	Municipal Commercial
96%	1% Low - 3% Mid - 0% High 0%
P R O J E C T D E T A I L S	
Project Type:	Diversion Structure Replacement
Average Annual Diversions:	61,200 AF



The Larimer and Weld Irrigation Company (Company) is a Colorado Mutual Ditch Company and a nonprofit corporation incorporated in 1879. The Company's service area extends from the Cache la Poudre River diversion north of Fort Collins, east to near the town of Galeton, encompassing approximately 61,000 acres of irrigated land in Larimer and Weld Counties.

L O C A T I O N			
County:	Larimer		
Water Source:	Cache la Poudre		
Drainage Basin:	South Platte		
Division:	1	District:	3

The project will replace the Company's diversion structure on the Cache la Poudre, which was constructed in 1956 and includes four radial gates with checkboards set over a spillway crest. While still functioning, the structure is nearing the end of its useful life, particularly with the radial gates. These have been repeatedly repaired, but still experience significant leakage when under pressure and are rendered inoperable when they are submerged. Work will include demolishing the existing structure, constructing a new diversion with remotely operable radial and overshot gates, debris management, automation for both normal and flood operations, and provisions for future fish passage. This work represents the final phase of a series of projects to replace the aging infrastructure on the Company's Cache la Poudre system. Construction is expected to begin in the fall of 2024 and be completed in time for the 2025 irrigation season.





COLORADO

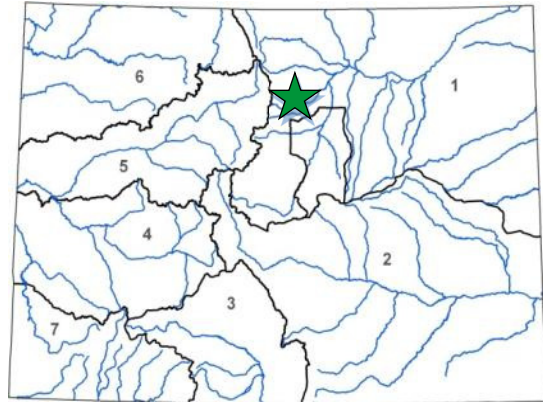
Colorado Water
Conservation Board
Department of Natural Resources

Elephant Butress Tunnel Rehabilitation

Silver Lake Ditch & Reservoir Company

September 2024 Board Meeting

L O A N D E T A I L S	
Project Cost:	\$280,000
CWCB Loan (with 1% Service Fee):	\$151,500
Loan Term and Interest Rate:	20 Yrs @ 2.95%
Funding Source:	Construction Fund
B O R R O W E R T Y P E	
Agriculture	Municipal Commercial
10%	0% Low - 89% Mid - 0% High 1%
P R O J E C T D E T A I L S	
Project Type:	Ditch Rehabilitation
Average Annual Delivery:	797 AF



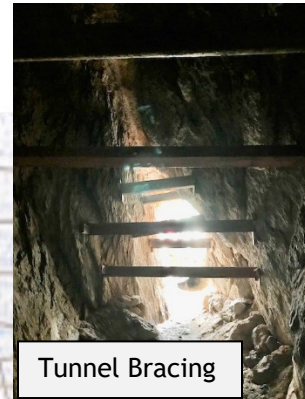
The Silver Lake Ditch and Reservoir Company (Company) was formed in 1945 to purchase the Silver Lake Ditch which had fallen into disrepair since being originally constructed in 1888 and so was delivering little water to users. The Company serves 300 shareholders with direct flow water in addition to stored water in Silver Lake and Island Reservoirs. The water is used for residential irrigation, municipal landscaping, agriculture, and open space.

L O C A T I O N			
County:	Boulder		
Water Source:	Boulder Creek		
Drainage Basin:	South Platte		
Division:	1	District:	6

A section of the ditch is piped through a tunnel in Elephant Butress, which began to deteriorate after the 2013 floods. The tunnel has experienced substantial rockfall over the last several years. Currently, the Company is concerned about the potential for a catastrophic collapse of the tunnel which would significantly reduce, if not eliminate, the ability of the Company to deliver water to their shareholders. The Project will install an arched liner plate system throughout the tunnel and backfill the void space above the liner system as well as perform work at each end of the tunnel to deflect rockfall and discourage unauthorized access. Construction is expected to begin in the fall of 2024 and be completed in time for the 2025 irrigation season.



Tunnel Rockfall



Tunnel Bracing



Elephant Butress Tunnel Location

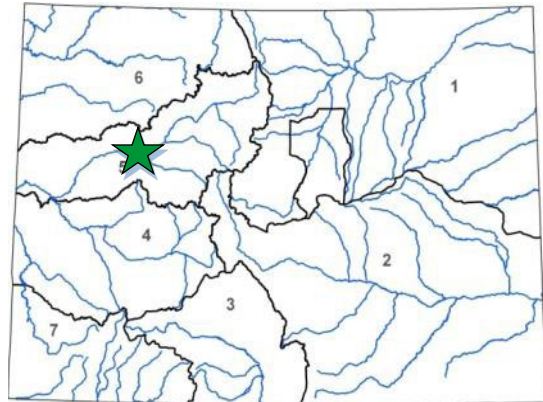


Flannery Reservoir Purchase

West Divide Water Conservancy District

September 2024 Board Meeting

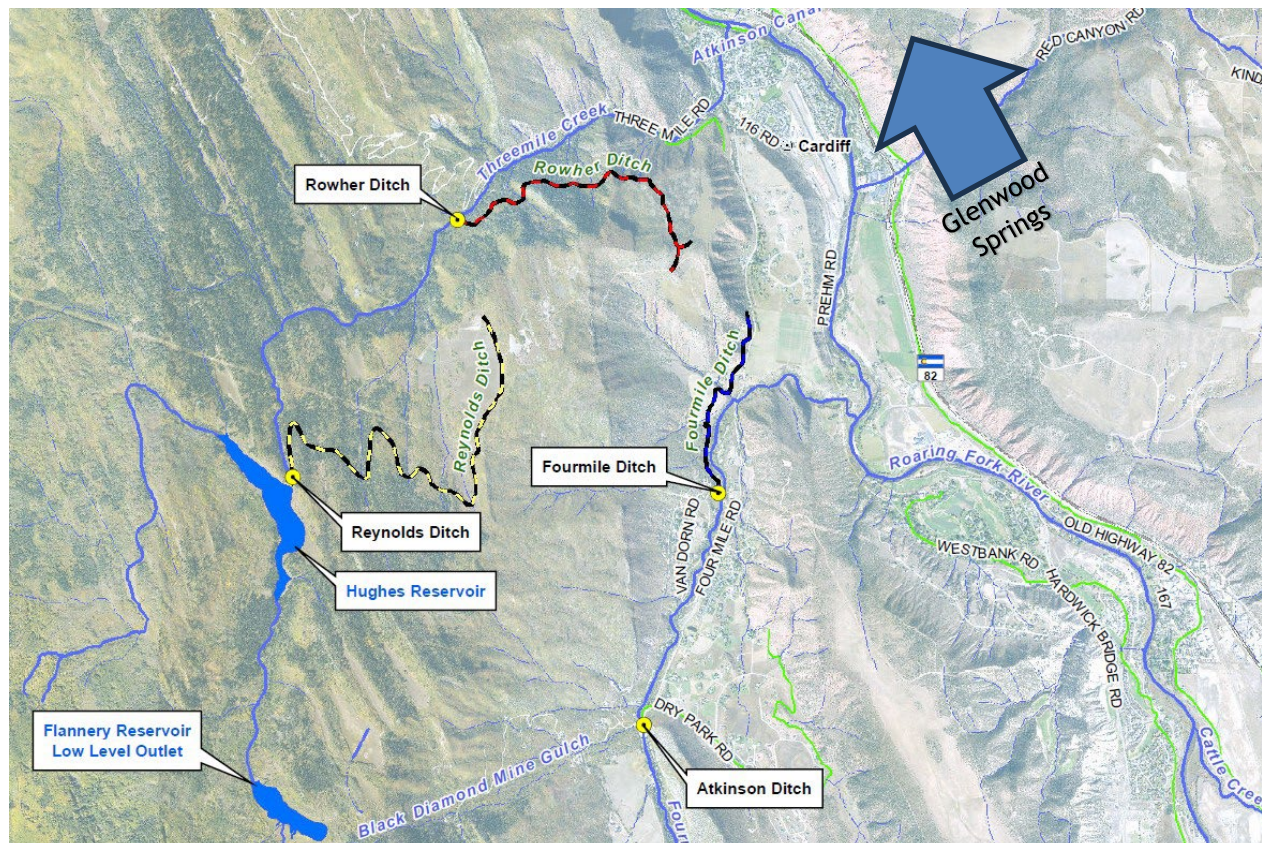
LOAN DETAILS		
Project Cost:		\$2,029,000
CWCB Loan (with 1% Service Fee):		\$2,049,290
Loan Term and Interest Rate:		30 Yrs @ 3.80%
Funding Source:		Construction Fund
BORROWER TYPE		
Agriculture	Municipal	Commercial
8%	0% Low - 67% Mid - 0% High	25%
PROJECT DETAILS		
Project Type:		Water Rights Purchase
Average Annual Delivery:		900 AF



The West Divide Water Conservancy District (District), acting by and through its water activity enterprise, was created in 1964 to primarily operate augmentation plans for entities within its service area. Currently the District has 492 contractees in Pitkin, Mesa, and Garfield counties.

LOCATION	
County:	Garfield
Water Source:	Threemile Creek
Drainage Basin:	Colorado
Division:	5
District:	38

The District will use loan funds to purchase Flannery Reservoir and the land and rights of way needed to deliver water to Fourmile Creek. The water will be used for augmentation in Fourmile Creek and downstream. The purchase will occur in September of 2024, with the seller financing the cost until the CWCB loan is executed. Once the District obtains the reservoir, it will file a Substitute Water Supply Plan to allow for augmentation use while the District goes through a water court change case to add augmentation use to the water right.

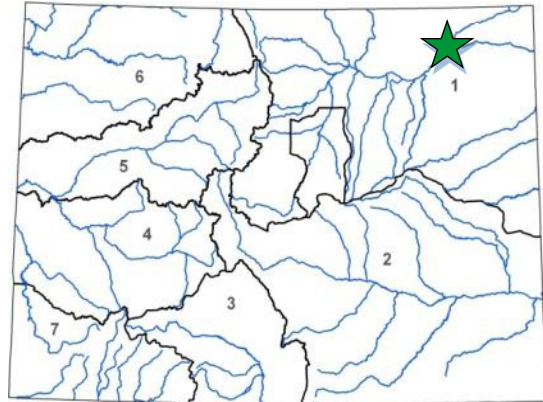




Sterling #1 Ditch Bypass Structure Replacement

Sterling Irrigation Company
November 2024 Board Meeting

L O A N D E T A I L S	
Project Cost:	\$1,135,000
CWCB Loan (with 1% Service Fee):	\$1,146,350
Loan Term and Interest Rate:	30 Yrs @ 2.15%
Funding Source:	Severance Tax Perpetual Base Fund
B O R R O W E R T Y P E	
Agriculture	Municipal Commercial
88%	12% Low - 0% Mid - 0% High 0%
P R O J E C T D E T A I L S	
Project Type:	Ditch Rehabilitation
Average Annual Delivery:	23,983 AF



L O C A T I O N	
County:	Logan
Water Source:	South Platte
Drainage Basin:	South Platte
Division:	1 District: 64

The Sterling Irrigation Company (Company) is a mutual ditch company incorporated in 1915 to provide shareholders with direct flow irrigation water. The Company currently provides 74 shareholders on approximately 6,400 acres with water for direct flow irrigation and augmentation. Primary crops grown with the water are corn, alfalfa, and sugar beets.

The bypass structure is located nearly 2 miles downstream of the Company's headgate, at the intersection with Pawnee Creek. The creek has a drainage basin of 700 square miles and is subject to significant flow variations ranging anywhere from 0 CFS to 2,810 CFS (10-year flood event.) The concrete bypass structure was built in the mid-1960s and is showing extensive signs of deterioration (e.g. fatigue cracking, spalling, and undermining of the structural floor and south abutment wall.) The flashboard system and overhead walkway are also corroded, presenting safety concerns for Company staff. The Project will entail replacing the structure and installing a bladder gate with remote monitoring and operational control. Construction will occur in the fall of 2025 through spring 2026, and completed before the 2026 irrigation season.





COLORADO

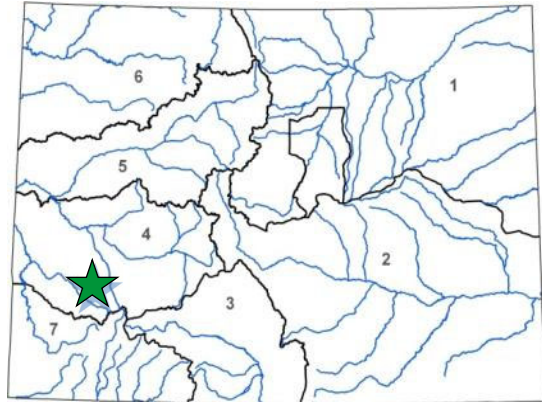
Colorado Water
Conservation Board
Department of Natural Resources

Beaver Creek Diversion Restoration

Town of Ridgway

November 2024 Board Meeting

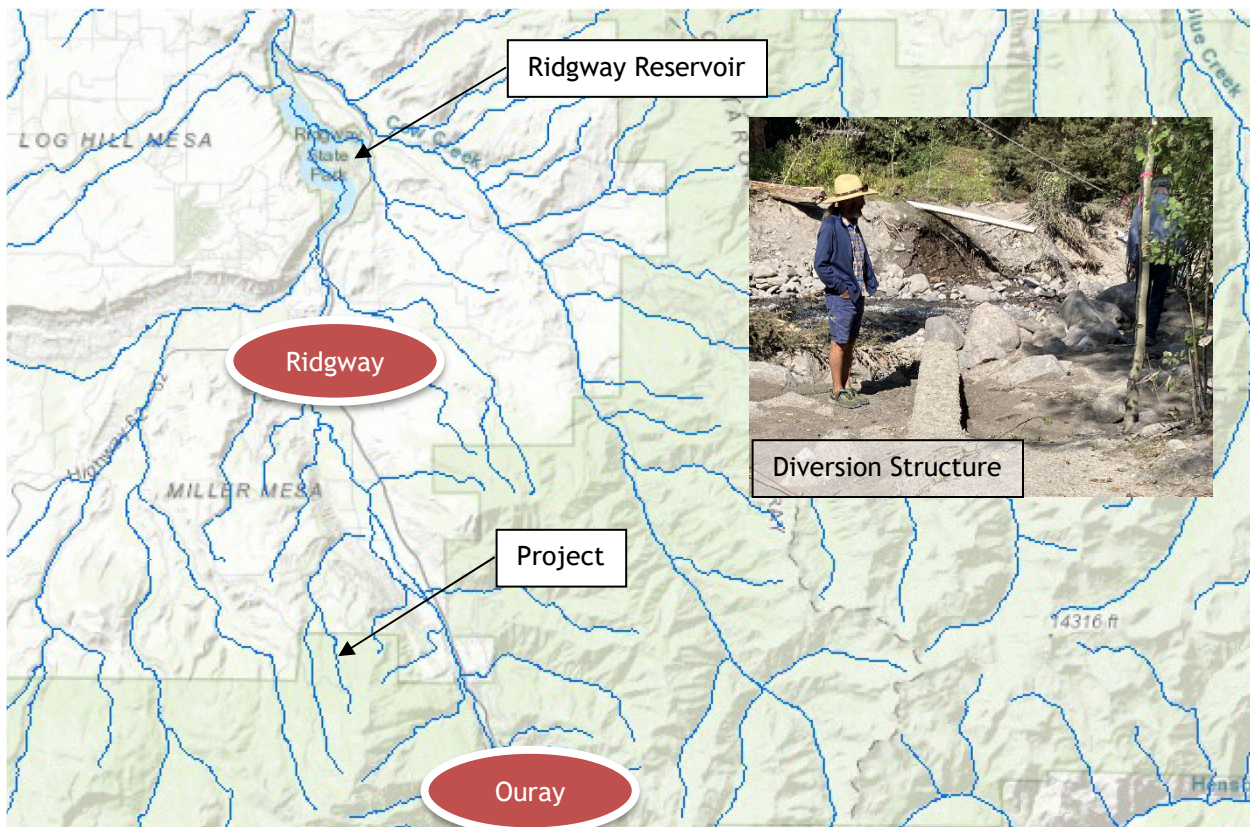
L O A N D E T A I L S	
Project Cost:	\$8,000,000
CWCB Loan (with 1% Service Fee):	\$8,080,000
Loan Term and Interest Rate:	3-yrs @ 0%, 27-yrs 3.25%
Funding Source:	Severance Tax Perpetual Base Fund
B O R R O W E R T Y P E	
Agriculture	Municipal Commercial
0%	0% Low - 100% Mid - 0% High 0%
P R O J E C T D E T A I L S	
Project Type:	Diversion Structure Replacement
Average Annual Delivery:	300 AF



The Town of Ridgway (Town), acting by and through its water activity enterprise, is a home rule municipality that provides potable water to approximately 1,200 residents. Beaver Creek is the primary source of water for the Town, and in mid-August 2024, it experienced a significant rain event that rendered the diversion useless. The flood damage, which lowered the creek bed several feet, was discovered during a routine check by Town staff in the days following the event. Since then, the Governor has declared a Disaster Emergency (Executive Order D 2024 014) for the event. The Town requires emergency funding to design and construct a solution while it relies on a limited supply of water from several natural springs to satisfy domestic water needs.

L O C A T I O N	
County:	Ouray
Water Source:	Beaver Creek
Drainage Basin:	Gunnison
Division:	4 District: 68

The loan will be structured to provide this funding, while allowing for incorporation of future grant funds from state and federal sources to reduce the final loan amount. It is anticipated that the Town will receive an Emergency Watershed Protection grant (NRCS), and a Disaster Emergency Funding grant (DHSEM). Construction is expected to begin in the summer of 2025 and take several months.





COLORADO

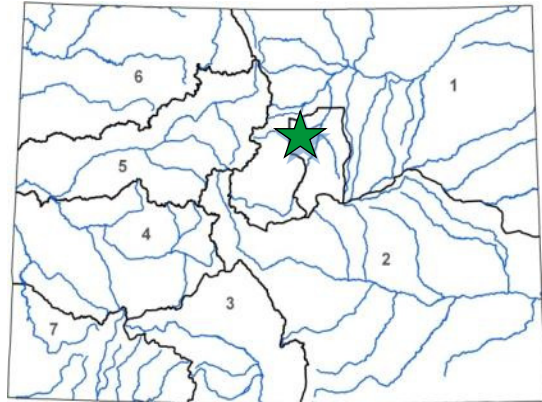
Colorado Water
Conservation Board
Department of Natural Resources

Rehabilitation of Polly Deane Reservoir

Bergen Ditch and Reservoir Company

November 2024 Board Meeting

L O A N D E T A I L S	
Project Cost:	\$861,000
CWCB Loan (with 1% Service Fee):	\$305,020
Loan Term and Interest Rate:	20 Yrs @ 2.60%
Funding Source:	Construction Fund
B O R R O W E R T Y P E	
Agriculture	Municipal
0%	0% Low - 95% Mid - <1% High
5%	
P R O J E C T D E T A I L S	
Project Type:	Reservoir Rehabilitation
Average Annual Delivery:	1,200 AF



The Bergen Ditch and Reservoir Company (Company) is a mutual ditch company formed in the 1874 to divert and store water west of Denver for agricultural irrigation use. The Company currently serves 22 shareholders for primarily municipal uses including irrigation of a regional park and a public golf course. Irrigation water is stored in three reservoirs that the Company owns and operates, one of which is Polly Deane Reservoir (Reservoir), a 490 AF high hazard dam.

L O C A T I O N			
County:	Jefferson		
Water Source:	Turkey Creek		
Drainage Basin:	Metro		
Division:	1	District:	9

In April 2019, the dam caretaker reported unusual seepage at the toe of the dam. After a series of inspections, Colorado Dam Safety determined that an internal erosion piping failure had started, and the Emergency Action Plan was activated as a precaution. Subsequently, a storage restriction was issued in May of 2019 to reduce the storage capacity by 144 AF while design and construction of required improvements were undertaken. Those improvements include replacement of the toe drain and outlet works. The Project will be co-funded with a HHPD grant from FEMA. Construction is expected to begin in the spring of 2025 and be completed before the end of the year.

