



COLORADO

Colorado Water Conservation Board *Department of Natural Resources*

DIRECTOR'S REPORT

May 2022

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: Rebecca Mitchell
Anna Porter

DATE: May 17-18, 2022

SUBJECT: **Agenda Item 5b, May 2022 CWCB Board Meeting Director's Report**

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STATEWIDE

CWCB SMALL FEASIBILITY STUDY GRANT FUND UPDATE:

New grant applications approved:

1. None

Previously approved grants in FY21/22:

1. Twin Lakes Reservoir and Canal Company – Grizzly Dam Rehabilitation (\$49,950)
2. Town of Dove Creek – Reservoir No. 2 (\$7,500)
3. St. Vrain and Left Hand Water District – Copeland Reservoir Lining (\$50,000)

Total funds approved for feasibility study grants in FY21/22: \$107,450

COLORADO RIVER BASIN

COLORADO RIVER WATER USE—

2022 Colorado River Storage as of May 2, 2022			
	Elevation (feet above mean sea level)	Storage (MAF)	Percent of Capacity
Lake Mead	1,054.55	8.015	31%
Lake Powell	3,522.71	5.787	24%
Total System Active Storage		20.366	34%
2021 Total Active Storage		25.526	43%
		Flow (MAF)	Percent of Average
Forecasted Unregulated Inflow into Powell (Forecasted Water Year 2022)		6.311	66%

Forecasted CY 2022 Lower Basin Consumptive Use		
State	Use (MAF)	Total (MAF)
Arizona	2.294	
California		
California Agricultural	3.544	
Metro. Water District	1.106	4.667
Other	0.017	
Nevada	0.265	7.226

*Note MAF = million acre-feet

Upper Colorado River Wild and Scenic Stakeholder Group—

The Upper Colorado Wild and Scenic Stakeholder Group (SG) conducted their annual meeting on March 22, 2022. This meeting included approving a new co-chair, renewal of the Executive Committee, the annual monitoring plan, the annual budget, and a number of contract decisions. The SG continues to hold regular meetings and all committees continue to work towards implementing the alternative management plan. The Executive and Finance Committees continue to investigate incorporation as a non-profit, management options for endowment funds, and tax implications. The Cooperative Measures committee is investigating whether there are potential water acquisitions that can assist the SG efforts. The Monitoring Committee is working to finalize the annual monitoring report. The Channel Maintenance Flow Committee is making progress refining field protocols and selecting sites and has conducted a site visit to aid in these efforts. Staff will provide an update on the Wild & Scenic budget and review the fund guidelines at the July Board meeting.

WATER CONSERVATION AND DROUGHT PLANNING UPDATES

Office of Water Conservation & Drought Planning Director's Report Items – May 2022

CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGF) UPDATE:

Per the Board's decision in May 2021 to merge this program into the Water Plan Grant Conservation & Land Use Planning and the Engagement & Innovation category, applications will no longer be accepted through this grant program.

Staff will continue to spend down the funds that remain in the WEGF and update the Board on in-progress grants.

The following are deliverables sent to the CWCB since the last Director's Report:

- **Deutsche Domestic Water Company** – Drought Management Plan – *75% Progress Report*
- **Copper Mountain Consolidated Metropolitan District** – Water Meter System AMI Upgrade – *Final Report*

(Ben Wade)

WATER EFFICIENCY & DROUGHT PLANS UPDATE: The Office of Water Conservation & Drought Planning (OWCDP) continues to work with the following providers to approve their Water Efficiency and Drought Management Plans:

DROUGHT MANAGEMENT PLANS

Approved Plans

No additional Plans have been approved since the last Board meeting.

Drought Management Plans in review

- City of Durango

(Megan O'Grady)

WATER EFFICIENCY PLANS

Approved Plans

No additional Plans have been approved since the last Board meeting.

The following plans have been given *conditional approval*. CWCB staff will continue to work with these entities until their respective Water Efficiency Plans achieve approval status.

Conditional Approval

- **Town of Frederick**
- **Tri County Water Conservancy District**

Water Efficiency Plans in review

No plans are in review at present time

(Kevin Reidy & Sam Stein)

GOVERNOR'S WATER AVAILABILITY TASK FORCE: The next Water Availability Task Force meeting will be held on May 19 from 9:30-11:30a. The May meeting will include a presentation on the Colorado Airborne Snow Measurement Spring 2022 findings. Please check the website ([Water Availability & Flood Task Forces | DNR CWCB \(colorado.gov\)](#)) for additional information. The April 2022 Drought Update is available here - [April 2022 Notes \(state.co.us\)](#) **(Megan O'Grady)**

CO WATER LOSS INITIATIVE: Phase II of the Colorado Water Loss Initiative officially kicked off on September 1, 2021 with open registration. Kevin and the project team has reassembled the advisory group and has added the Colorado Rural Water Association as well as folks from DOLA. In late March, Kevin and a member of his consultant team presented at the AWWA Sustainable Water Management Conference in Denver on the Colorado Water Loss Initiative. As of early April, we have 71 utilities registered for the program. Many of the new learner teams have signed up for technical one-on-one calls to go over water audit results while the advanced group has been sent recommendations on what they should be focusing on in terms of direct technical assistance. The consultant team will be working with the advanced utilities to take advantage of the identified water loss recovery opportunities. www.coloradowaterloss.org **(Kevin Reidy)**

LAND/WATER PLANNING NEXUS:

- Kevin has been participating on the core planning team for the Denver One Water Plan funded by a water plan grant. The team consists of various Denver city departments, Mile High Flood, Denver Water, Metro Wastewater and the Greenway Foundation. The plan was officially released on October 28, 2021. With the plan complete the core group (now called OWLS, One Water Leaders) will begin the implementation phase and will continue to meet regularly. <https://www.denvergov.org/Government/Agencies-Departments-Offices/Department-of-Transportation-and-Infrastructure/Programs-Services/One-Water>
- The Water and Land Use Planning Alliance has its next meeting in early June, 2022 (final date TBD).
- The next Growing Water Smart workshops with the Sonoran Institute will take place in the San Luis Valley June 8-10. Should be a great workshop with some good representation from communities across the valley. **(Kevin Reidy)**

AMERICAN COUNCIL OF ENGINEERING COMPANIES PRESENTATION: Megan O’Grady & Matt Lindburg of Brown & Caldwell, made a presentation at the American Council of Engineering Companies Annual conference on April 27 to discuss the Water Plan update and present the scenario planning to the attendees. **(Megan O’Grady)**

WATERSHED AND FLOOD UPDATES

Flood Threat Bulletin Returns for the 2022 Flood Season –

The daily Flood Threat Bulletin prepared by a consultant under contract to the CWCB began its 17th year of daily flood forecasting for the State of Colorado on May 1st. The forecasts are delivered by Dewberry, a meteorological consultant to the CWCB who has been delivering the forecasts for the prior ten years. Dewberry was the selected consultant chosen during a competitive process, and was one of two firms that submitted qualifications. By being chosen as the selected firm, Dewberry will continue to provide these services for the next five years.

Dewberry and CWCB staff will provide daily flood threat outlooks that will be accessible online for interested users. The program includes a recently developed Facebook page to go along with the Twitter account that has been in use. Treatment of burn scars continues to be updated with a major focus this year. A voluntary email listserve signup has also been made available, allowing interested endusers the opportunity to sign up for push notifications so that a visit to the website will not be necessary.

Dewberry compiles usage statistics, and the usage has continued to grow in each successive year of operation. It is anticipated that this program will see even wider use this year with the spotlight on recent large burn scars.

Dewberry will provide daily outlooks regarding the flood threat around the state due to either snowmelt or rainfall. In addition, a GIS summary of precipitation from the previous report is available to view which areas of the state received the most precipitation (useful for both water managers and floodplain managers). Twice weekly, on Mondays and Thursdays, a medium-range outlook will be issued summarizing the anticipated flood threat for the following two weeks. The information can be easily accessed at www.coloradofloodthreat.com and it will be linked through the CWCB's home page. The flood threat bulletin is offered from May 1st through September 30th.

(Kevin Houck)

Flood Section Welcomes New Baby

It is with great excitement that the Flood Section welcomes new baby June McKenna Monahan, who was born to Flood Section staff member Andrea Harbin Monahan on April 21st. Mom and baby are doing well. Mom reports that June looks just like her older brother. Andrea will be taking three months off from work and plans to return in mid-July. Congrats Andrea!



Wildfire Ready Watersheds (SB21-240) – Mapping Update

Our team has put together a proof of concept for the water assets mapping portion of the Statewide susceptibility study. During this proof of concept phase there was stakeholder outreach and input from subject matter experts. This helped us understand the varied data sets with more knowledge and understanding. This led us to establish several new maps and revisit previous maps with new geospatial analyses that better represent and better utilize the data that is currently available. There is currently two sub-sections in the Water Assets mapping, Built Water Infrastructure and Natural Water Resources. Built Water Infrastructure includes data for five areas of interest;

- Jurisdictional Dams (Division of Water Resources, Dam Safety),
- Built Water Pathways (United States Geologic Survey, National Hydrography Dataset),
- Municipal Intakes (Colorado Department of Health and Environment, Source Water Assessment and Protection),

- Source Water Supply (Colorado Department of Health and Environment, Source Water Assessment and Protection),
- Decreed Ditches, Pipelines, and Pumps (Division of Water Resources, CDSS Structures)

Natural Water Infrastructure also includes data for five areas of interest;

- Wetlands (U.S Fish and Wildlife Service, National Wetlands Inventory),
- Streams and Rivers (United States Geologic Survey, National Hydrography Dataset),
- Waterbodies (United States Geologic Survey, National Hydrography Dataset),
- Significant Aquatic Species (Colorado Parks and Wildlife)
- Riparian Ecosystems (Colorado State Forest Service)

Although we have ten datasets currently being worked on, we still need to follow up on several maps with due diligence with the agencies responsible for the data. Also, not all of these datasets are guaranteed to make it to the final mapping effort. Stakeholder engagement at the Basin level has begun to gather input and feedback about all of these layers.

(Steven Reeves)

Colorado Floodplain and Stormwater Criteria Manual

CWCB staff are working with their Consultant and Steering Committee on completing the last two internal draft sections for the Statewide Floodplain and Stormwater Criteria Manual (Criteria Manual) Phase 1 update. The Phase 1 update provides guidance that better aligns with recent federal and industry standards and revised information to help communities manage floodplain and stormwater projects. The Phase 1 draft sections are anticipated to be available by late May/early June 2022 for public review and comment. A six-week public review period is also expected to start in early June. Several public webinars for engagement on the draft Phase 1 chapters will take place early in the six-week public review period. Draft sections and notices of upcoming public webinars are to be posted to the CWCB website in June.

A subsequent, Phase 2, update will include revisions to remaining sections of the Criteria Manual. Updates are to align with Colorado's watershed protection and management program as well as improved industry standards. The Phase 2 Steering Committee kick-off is expected to take place during the public review period for the draft Phase 1 sections.

The Letter of Map Revision (LOMR) Review Partners Program

The CWCB LOMR Review Partners Program has been growing as staff work with applicants, communities and the Federal Emergency Management Agency (FEMA) to answer questions, provide guidance, and work through complex issues for both ongoing and upcoming map revision requests. CWCB processes and makes recommendations for revision requests on behalf of FEMA to modify flood hazard information on Flood Insurance Rate Maps (FIRMs). FEMA determines if the revision request will be approved, or become effective. We have 42 cases in process with cases ongoing in Weld, Douglas, El Paso, Elbert, Boulder, Summit, Gilpin, Jefferson, Larimer, Routt, Summit, Pueblo, and Prowers Counties.

May 2022 Risk Mapping, Assessment and Planning (MAP) Project Updates by Major Water Basin

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

North Platte – No work being conducted in this area.

South Platte – Park, Gilpin, Boulder, Larimer, Weld, and Logan Counties have ongoing Risk MAP studies. Ongoing CWCB studies within the South Platte basin are as follows:

- Phillips County Phases 2-3: Resilience Meeting held March 25, 2022. Digital Flood Insurance Rate Map (DFIRM) production has been uploaded to the FEMA Mapping Information Platform (MIP). Issuance of preliminary products is currently on target for July 2022.
- Base Level Engineering (BLE): BLE is a large-scale, automated approach to developing draft approximate (Zone A) flood risk datasets and floodplains in order to provide communities with an initial overview of the potential flood hazard at the local level. These datasets provide communities with best available information relative to flood hazard to assist with planning, risk awareness, and emergency management. Final BLE results meet FEMA requirements for Zone A floodplains; however, not all of the BLE results will become regulatory products.
 - o Park County: BLE/Discovery review comments addressed, and sent back for FEMA review. Preparing materials for Phase 2 kick-off meeting with communities.
 - o Logan County: Discovery meeting held on March 3rd. Well attended and received good input. Received review comments on hydraulic analyses. Addressing comments for resubmittal.

- Morgan, Adams, and Arapahoe Counties: Now that LiDAR is available, the BLE modeling can get underway for remaining portions of Adams and Arapahoe counties. Coordination between CWCB and MHFD took place on risk communication for counties that extend into both CTP service areas. The Discovery meeting was held for Morgan County April 21, 2022. Staff received helpful feedback and additional community information to improve the study.
- Colorado Hazard Mapping Program (CHAMP) Physical Map Revisions: The CWCB was able to leverage funds from FEMA to continue several CHAMP studies through the FEMA regulatory process. CHAMP involved analyzing streams across seven counties in central and northeast Colorado and includes over 200 FIRM panel updates. The remaining counties being completed include Boulder, Gilpin, Weld, and Larimer.
 - Boulder County: This Physical Map Revision (PMR) is still on hold pending the assembly of a Scientific Review Panel (SRP) for resolution of the one outstanding comment received during the second appeal period. The SRP process is moving forward through National Building Science (NBS). There has been a personnel change at NBS that will extend the pool of candidates for selection (to be 60-days). FEMA has 30 days to respond (so 90 days total). Once the SRP is assembled, they have to make determinations within 90 days. This process is anticipated to result in another 6-month delay before a final determination for the Boulder County study is issued.
 - Gilpin County: Updated Gilpin Count FIRM panels and Flood Insurance Study (FIS became effective April 7, 2022.
 - Weld County: This project was transferred to the FEMA PTS team for post-preliminary processing. Communities impacted by the revised preliminary comments provided their comments by April 22, 2022. The FEMA PTS team will review and incorporate the comments received. If there are subsequent changes to any flood hazard information, another revised preliminary may be necessary.
 - Larimer County: The notice published in the Federal Register. The first newspaper notification is scheduled for May 11, 2022 with a second publication to occur May 18, 2022. This second publication will also start the mandatory 90-day appeal period for the update.

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

- Flood Risk Information System (Mesa County): The Contractor is making additional modifications to the draft website for this Flood Risk Information System (FRIS) pilot project. Staff will review again in the next few weeks. Once the draft site is ready, staff and our Contractor will meet with the communities in Mesa County to showcase the system and obtain additional input before making the site live.
- City of Grand Junction Levee (Mesa County): The City of Grand Junction posted a Request for Proposals (RFP) to retain an engineering firm to work toward the required levee certification

improvements required for FEMA accreditation of the existing levee system. RFPs are due by May 3, 2022. The City will be addressing the levee deficiencies as the Risk MAP study moves forward.

- Eagle County Physical Map Revision Phases 2-3: The revised hydraulic analysis and floodplain mapping are being reviewed by the FEMA PTS Contractor. The revisions were along the Roaring Fork River to accommodate the 0.00-ft rise floodway in Basalt and Eagle County for this flooding source.
- Garfield County Phase 2-3: Field survey data is wrapping up for the additional flooding sources (community requested). Once the data is obtained, they will move ahead with the hydrologic and hydraulic analyses for Phase 2.

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

- Delta County Phase 2-3. FEMA floodplain mapping review comments have been received and are being addressed.
- Ouray County: Communities have been providing comments on the preliminary flood hazard products. Staff will be contacting communities to schedule the Consultation Coordination Officer meeting for June, 2022. Coordination will occur for communities requesting assistance from FEMA and CWCB on outreach and risk communication (public meetings, notifications, etc.).
- Hinsdale Countywide BLE: Staff will coordinate with communities on scheduling a Discovery meeting in June 2022. Materials are being reviewed by both staff and the FEMA PTS.
- Gunnison Countywide BLE: We are currently coordinating with communities to hold a Discovery meeting in mid-March.
- Upper Gunnison Watershed Phases 2-3: This project is being continued under new grants (since the original FY15 grant). State funding covered part of the original flood hazard information update, and now FEMA funding will supplement work as it moves into the post-preliminary phase of the project.
 - Hinsdale County: The draft preliminary products have been re-submitted to FEMA after comments were addressed. Distribution of preliminary products is anticipated for summer 2022.
 - Gunnison County: Both a Discovery meeting for the Gunnison County BLE data, and a Flood Risk Review meeting for the Gunnison County PMR were held for the Gunnison River and Coal Creek Physical Map Revision. Communities continue to submit comments on the products (these are due May 20, 2022).

Rio Grande – Costilla and Mineral Counties have ongoing studies:

- Costilla County: Effective flood hazard information for the remaining Zone A flood hazard areas will be updated now that the high-resolution LiDAR has been made available. A revised preliminary distribution of the FIRM panels being revised to include these streams is anticipated before the project will move forward.
- Mineral County: Coordination with the City of Creede and Mineral County is underway to address additional comments on the Willow Creek flood hazard mapping and obtain and specific items remaining for accreditation of the existing levee within the City of Creede.

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

- Lake County Phase 2 Additional Scope: Lake's BLE submittal was been approved by FEMA. The Lake County project is moving forward with FY21 FEMA funding to comply with community-requested hydraulic modeling and floodplain mapping for an additional flooding source in Leadville. We are waiting for feedback from the community on a buried culvert that needs to be dug out and dimensions provided, or else accounted for as not passing flows in our analysis.
- Chaffee County Phase 2 Additional Scope: we are finalizing the additional scope task order contract, and will proceed with collecting additional survey for several streams of interest to catch up with hydrology and hydraulic modeling for the countywide study.
- Custer BLE: We are working on preparing the Phase 2 kickoff materials for a meeting in summer. We held another NFIP training/presentation in the Town of Silver Cliff since they and the Town of Westcliffe are thinking about joining the NFIP.
- Pueblo County BLE: We expect to have the Discovery meeting on 5/10.
- Huerfano Phase 2: Data development ongoing with hydrology underway. We are able to use severance tax funding to complete a revised BLE analysis using the latest HEC-RAS 6.2 software applications for spatially varied Curve Numbers (CNs) to refine hydrology for the flood risk information. A comparison of results from the revised hydrology and the previous results (only allowing for a constant CN, given the lack of options for modeling available in 2020-2021) to assess the magnitude of changes between the methodologies. The comparison will provide us with information on whether the original hydrology would be appropriate, or if the benefits of using the new model feature are significant enough to be considered in other ongoing flood hazard studies.

- Bent County: The hydraulics submittal was approved, so we are moving forward with floodplain mapping. We are adding a small reach of detailed analysis (Zone AE mapping) along the western portion of the existing Arkansas River South Levee (the eastern portion is already detailed). The levee provides protection to the City of Las Animas. This additional analysis will result in more representative hydraulic information for use in completing the necessary interior drainage analysis (state funded). Staff are coordinating with the Arkansas River Conservancy District and Bent County as they address items required to have the levee certified. Once certified, the levee would be accredited by FEMA. The resulting flood hazard mapping would be able to reflect the protection the levee would provide.
- Otero County: moving forward with floodplain mapping. No major update.
- City of Las Animas (Bent County) Pre-Levee: The preliminary levee assessment reporting has been completed and results shared with the City. Any updates to this project will be captured under the Bent County project entry above.
- El Paso BLE/Phase 2 and Templeton Gap (T-Gap) pre-levee work: Hydrology and most surveying for data development (Phase 2) is wrapping up. We submitted the updated BLE deliverable to FEMA for review. Additional survey being collected along Sand Creek and tributaries this month. Communities have been notified.
- Teller County BLE/Phase 2: Still working on hydraulics. Our program is also funding additional work to resolve an issue with a mapping tie-in between a new Zone A and effective Zone AE study.
- Las Animas County Phase 2: CWCB will need to pick up additional detailed Zone AE study scope for another small effective stream. The BLE deliverable that was being reviewed by FEMA just came back approved.
- Fremont County Phase 2: Data development work is underway, and field survey is complete and getting ready for FEMA review.
- Prowers County Phase 2: We are preparing scope and fee for added miles (14 contracted vs 18.8 community-selected miles). Data development phase underway.
- Towns of Granada/Holly/Lamar (Prowers County) Pre-Levee assessments: We provided a checklist for the Town of Granada to work more easily through the levee certification and accreditation process. We are continuing support for all three communities with some additional levee evaluation, Interior Drainage Analyses, and Emergency Action Plans through severance-funded Task Order. No major update.

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

- Moffat County: We are ready to schedule meeting with FEMA, CWCB, Wood, City of Craig, and Moffat County to discuss floodplain mapping on Fortification Creek (virtual meeting to update them on the status of the changes).

San Miguel/Dolores/Animas/San Juan – La Plata, Dolores, Montezuma, Archuleta, San Juan, and the southern parts of Hinsdale and Mineral Counties, along with the Southern Ute Tribal nation, have ongoing studies:

- Animas Watershed Phases 3-4: San Juan, Archuleta, La Plata Counties, and the Southern Ute Indian Tribe's appeal period started 3/9 and 3/16 and will last for 90 days.
- Southwest Colorado (Montezuma, Dolores, San Juan, La Plata, Archuleta, Hinsdale, and Mineral Counties) BLE: Countywide BLE data development is almost complete. Targeting holding Discovery meetings in late May.

Multi-Watershed Risk Map Projects:

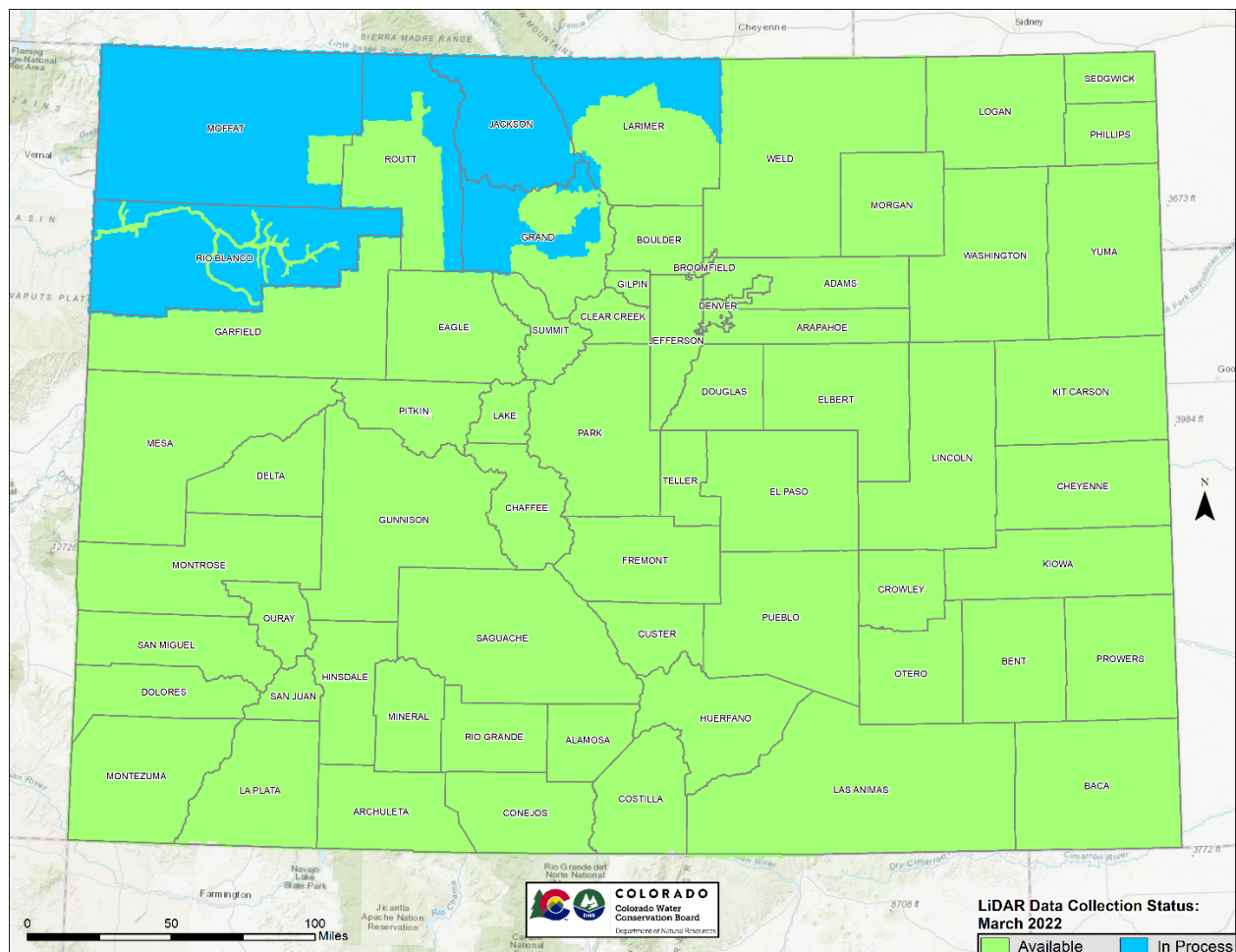
- Elbert County BLE: Community comments came in after holding the Discovery meeting in February. We're currently integrating into the deliverables and having FEMA review the submittal. We will kick off the next phase of the study in the summer or early fall.
- Mesa County Phase 2: Surveying is almost completed. Detailed hydrology submitted for review and comments being addressed by the engineer. Hydraulics underway. We will need to submit a Mapping Activity Statement revision soon due to changed scope of work with added streams.
- Colorado Hazard Mapping Program (CHAMP) Phase 3: This set of studies originated from the Colorado Senate Bill (15-245) which was put forth as a response to the destructive 2013 floods. This bill released funding to better assess and map various flood related hazards, including debris flows and erosion, throughout Colorado. As such, CWCB funded a paper inventory reduction effort through various counties across the state that were still using old paper floodplain maps and needed updated flood risk information, especially if they were affected by these floods and the local conditions were clearly changed. Several county projects that were scoped as part of this CHAMP effort are still ongoing, including the ones listed below.
 - o San Miguel County: This partial countywide project is still on hold pending as-built data for the completed phases of the Valley Floor Restoration project in the Town of Telluride. The Town is going to submit a LOMR for these improvements based on the effective mapping. We have not heard from Telluride since the last update.

- Lincoln County Phases 2-3: FEMA reviewing resubmittal of floodplain mapping. Should be in the last round of review. We hope to reach the preliminary distribution later this summer. Flood Risk Products will be developed as soon as floodplain mapping gets approved.
- Saguache County: Alluvial fan analysis conversation started to re-scope the analysis so it's completed as best available data instead of for regulatory/mapping purposes. On hold, waiting for more information on alluvial fan analysis requirements and path forward. Will need to discuss with FEMA. Discussed more about alluvial fan.

LiDAR acquisition: CWCB received \$3.4 million in a FEMA FY16 grant and \$2.2 million in FY18 for LiDAR acquisition in Colorado for future floodplain mapping and hazard assessment projects. The USGS is completing the last few areas in Colorado that were missing updated LiDAR.

- LiDAR collection tasks that were recently completed include the Eastern Colorado Plains data collection, led by the USGS, the DRCOG LiDAR for the Denver Metropolitan Area, and the San Luis Valley/San Miguel/Pitkin areas. The remaining LiDAR acquisition is currently going through final USGS QA-QC.
 - San Luis Valley/San Miguel/Pitkin County area LiDAR - complete and was delivered in late March/early April. Will remove this entry for the next board meeting updates.
 - Northwest CO Project: USGS likely won't have the final deliverables for this project area until summer or fall of 2022.

Below is the most recent status map for LiDAR data acquired in Colorado:



(Terri Fead and Marta Blanco Castano)

NCAR Fire Update

Burned Area Reflectance Classification (BARC) mapping for the NCAR fire in Boulder County resulted in mostly low severity burn reporting for the nearly 200 acre fire that started on March 26, 2022. CWCB staff and the USFS Burned Area Emergency Response (BAER) Program Coordinator visited the NCAR burn area on 5/2/2022 to field verify the BARC mapping. City of Boulder, Boulder County, and National Weather Service staff joined the CWCB and USFS for the field reconnaissance. The overall condition of the burn area has recovered well, and a grassy groundcover has reestablished in most areas of the burn. Some of the steeper parts of the burn do not have groundcover, and these areas were visited to field verify the BARC mapping of low intensity. Field assessments of soil burn severity confirmed that the steeper areas of the fire are predominantly low intensity, with minimal locations of moderate severity.

CWCB and USFS staff do not expect substantive changes to runoff hydrology because of the BARC mapping, field verification, and overall recovery of the ground cover. CWCB staff advised local government staff to monitor stream conditions and crossings during rain events. Local staff were advised that there may be some flush of the ash, however this does not appear to be a large concern because the burn area is already recovering. CWCB and USFS staff agreed that no further analysis, e.g. hydrologic and hydraulic modeling, or modification of the BARC mapping is necessary. Local government staff were in concurrence.



Steep areas with no ground cover

Steep areas transitioning to areas with groundcover



Areas above seen from a distance

National Flood Insurance Program (NFIP) Community Assistance Program-State Support Services Element (CAP-SSSE) Coordinator

NFIP Community Rating System (CRS) Course, Emergency Management Institute

As part of the on-going effort to increase programmatic knowledge and become a better resource for Colorado communities, the CWCB CAP coordinator attended the 4-day, Community Rating System workshop hosted by the National Emergency Training Center. The course provided the student a detailed understanding of the program, eligible rating activities, and participating community responsibilities.

The Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management practices that exceed the minimum requirements of the National Flood Insurance Program (NFIP). Over 1,500 communities participate nationwide with 52 Colorado communities currently participating.

In CRS communities, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community's efforts that address the three goals of the program: reduce and avoid flood damage to insurable property, strengthen and support the insurance aspects of the National Flood Insurance Program, and foster comprehensive floodplain management.

Silver Cliff – Westcliffe – Unincorporated Custer County, NFIP & RiskMAP Workshop

This office and the CWCB floodplain mapping team presented a second NFIP & floodplain mapping workshop on April 20th and hosted by the Silver Cliff Planning Commission as part of their scheduled public meeting. In addition to the Silver Cliff officials, representatives from Custer County and Westcliffe were in attendance as well as a member of the local press. These communities do not currently participate in the National Flood Insurance Program. The CWCB was excited to be invited back to discuss the program and the ongoing floodplain mapping project taking place in the County as it is indicative of the communities' interest in the program and their commitment to their resident's safety and property protection in the event of a flood event.

CWCB staff were able to address questions regarding the current floodplain map, extent of the new mapping project, historical flooding of the area, the benefits of the NFIP, community roles & responsibilities, and the impact of participating in the program on structures that would be shown as in the Special Flood Hazard Area (SFHA).

(Doug Mahan)

WATER SUPPLY PLANNING SECTION UPDATES

The Water Plan continues to be a primary focus of the work in the Water Supply Planning Section in order to ready a draft for public review by June 30, 2022.

In addition to the work on the draft Water Plan, the Water Supply Planning section continues work to update our HB- 1051 (municipal water use/efficiency) reporting framework including revising the Guidelines Regarding the Reporting of Water Use and Conservation Data by Covered Entities (conservation reporting guidelines). The recommended updates to these guidelines have been included on the May consent agenda for CWCB Board review. These guidelines will inform and support the ongoing work to update the new update to the online reporting portal/database.

TECHNICAL ASSISTANCE FOR FEDERAL COST SHARE GRANT PROGRAM UPDATE:

Background: The Technical Assistance for Federal Cost-Share Program provides financial assistance to eligible organizations to expand water resource stakeholders' capacity through project development and funding assistance. Primarily, all grant applications must include tasks that will develop applications for federal funding programs that may leverage state and local resources.

New grant applications approved by Director Mitchell:

Basin	Applicant/Grantee	Project Title	Activity	Funding Amount
Rio Grande	Colorado Rio Grande Restoration Foundation	2022 Rio Grande Stream Management Plan Priority Infrastructure Improvement Project	Prepare applications for federal funding to support multi-purpose irrigation infrastructure improvements	\$45,900

INSTREAM FLOW ATTACHMENTS

ISF Water Right Application in Case 22CW3030: On March 30, 2022 Denver Water along with its co-applicants (including the CWCB) filed a water court application for finding of reasonable diligence to rights decreed in case 11CW0152. Located below is a portion of the purpose and background section of the current application which provides a summary of the project. “On September 23, 2010, Denver Water and seventeen entities from the West Slope reached consensus on the Colorado River Cooperative Agreement (“CRCA”), which resolves various longstanding disputes involving Denver Water’s operations on the West Slope. The CRCA became effective on September 26, 2013, following execution by all parties. As part of the CRCA, Grand County, Denver Water, and other West Slope entities agreed to the Intergovernmental Agreement for the Learning by Doing Cooperative Effort that provides for the parties to engage in a cooperative, iterative and on-going process to maintain, and when reasonably possible, restore or enhance the stream environment. In furtherance of the objectives of the CRCA, Grand County, the CWCB, and Denver Water entered into a Water Delivery and Stream Flow Improvement Agreement dated on or about November 23, 2011 which established conditions for the appropriation, diversion, and delivery of water by Denver Water for instream flow use by the CWCB to preserve and improve the natural environment to a reasonable degree on the stream segments. The final corrected decree entered in Case No. 2011CW152 implemented portions of the CRCA and achieve other environmental and West Slope water use goals as discussed above.”

RECENTLY DECREED ISF WATER RIGHTS: On April 11, 2022, the Division 4 Water Court decreed instream flow (ISF) water rights to the CWCB on a reach of Elk Creek in Case No. 21CW3066 for 0.2 cfs (08/16-04/30), 1.5 cfs, (05/01-07/10), & 0.65 cfs (07/11-08/15), with an appropriation date of January 25, 2021. The upstream terminus is Elk Creek’s headwaters, and the lower terminus is the confluence with Coal Creek. This reach is approximately 2.66 miles long and flows in a southeasterly direction through parts of Gunnison County. No statements of opposition were filed in this case. High County Conservation Advocates (HCCA) recommended an ISF on this reach of Elk Creek to protect the natural environment which includes a self-sustaining fish community of Brook and Rainbow Trout.

On April 11, 2022, the Division 4 Water Court decreed instream flow (ISF) water rights to the CWCB on a reach of Wildcat Creek in Case No. 21CW3070 for 0.35 cfs (12/01 - 03/31), 0.65 cfs (04/01 - 04/30), 2.1 cfs (05/01 - 08/31), & 0.6 cfs (09/01 - 11/30), with an appropriation date of January 25, 2021. The upstream terminus for this ISF is the outlet of Green Lake, and the lower terminus is the confluence with Coal Creek. This reach is approximately 2.48 miles long and flows in a northeasterly direction through parts of Gunnison County. No statements of opposition were filed in this case but terms and conditions negotiated with Trappers Crossing Homeowners Association during the notice and comment period were included in this decree. HCCA recommended an ISF on this reach of Wildcat Creek to protect the natural environment which includes a self-sustaining Cutthroat Trout fishery and a diverse macroinvertebrate community.

**May 17-18, 2022 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, along with the Attorney General's Office has stipulated in 3 cases in which CWCB had filed a Statement of Opposition, and 2 other cases were withdrawn.

A. STATEMENTS OF OPPOSITION

(1) Case No. 18CW3230 (Water Division 1) - Application of The Consolidated Mutual Water Company

The Board ratified this Statement of Opposition at its March 2019 meeting. Applicant sought a 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. This case is scheduled for a ten-day trial beginning October 24, 2022.

The CWCB holds instream flow water rights, including the following, in Water Division 1 in the Clear Creek watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
95CW0256	Fall River	confl unnamed tributary	~ 200 yards u/s confl Clear Creek	5.25 (5/1 - 9/30) 2 (10/1 - 4/30)	07/24/1995

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

- "The subject water rights changed herein shall not be utilized to effect an exchange that involves waters of the state unless specifically authorized by the Water Court in a separate decree or by the Division Engineer pursuant to an administratively authorized exchange in accordance with C.R.S. § 37-83-104. The Applicant may utilize the subject water rights to effect intra-ditch exchanges within and among the facilities of the Agricultural Ditch or Consolidated Mutual water systems, except for the Mountain Reservoirs."
- "Colorado Water Conservation Board Decreed Instream Flow Rights. This Decree does not authorize nor prevent any contract, sale, lease, or other disposal of the Subject Inches by Consolidated Mutual to third parties for replacement of depletions occurring within or upstream of any stream reach for which the CWCB holds a decreed instream flow right existing as of the date of this Decree. This

Decree does not appropriate any rights of substitution and exchange for use of the Subject Inches anywhere, and particularly not for exchange reaches that include the Fall River or any other reach within Colorado subject to an existing CWCB instream flow water right. Any use of the Subject Inches by Consolidated Mutual or any third-party via exchange that is not publicly noticed on the Division of Water Resources' substitute water supply plan notification list or through resume notice due to the filing of a water court application, shall be approved by the Division Engineer prior to operation and administered within the priority system so as to not cause a reduction in streamflow below the flow rate for any decreed CWCB instream flow water right."

(2) Case No. 20CW3029 (Water Division 2) - Application of The Bar NI Corporation

The Board ratified this Statement of Opposition at its September 2020 meeting. Applicant requested a change of water rights and to amend 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. The final decree was entered on May 3, 2022.

The CWCB holds instream flow water rights, including the following, in Water Division 2 in the Purgatoire watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
09CW0090	Purgatoire River	confl M/N Fork Purgatoire River	confl Lopez Canyon	21 (5/15 - 8/15) 15 (8/16 - 9/15) 8.4 (9/16 - 11/30) 7 (12/1 - 4/14) 8.4 (4/15 - 5/14)	01/27/2009

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 agreed to list the cfs rate representing its one-third interest, as follows: "The water right to be changed in this case is Applicant's one-third interest in the Santistevan Ditch equal to 1.067 cfs."
- Applicant agreed to specify that its intended uses are limited to the pond, as follows: "The piscatorial, recreation, wildlife habitat, stock watering and incidental aesthetic uses will be limited to the Solitario Pond high water line."
- Applicant agreed to replace return flow in time, place, and amount, as follows:

"Applicant shall replace historical return flows for its interest in the Santistevan Ditch as described herein. During the irrigation season (April through August), on a daily basis Applicant shall measure and immediately replace to the stream, at the location shown in Exhibit A, unconsumed, the following percentages of its daily diversions of its interest in the Santistevan Ditch:

Table 3 – Irrigation Season Return Flow Percentages

April May June July Aug.

91.6% 78.5% 79.4% 85.6% 95.0%

In September and October, on a monthly basis, Applicant shall deliver to the Purgatoire River from Solitario Pond the following percentages of the total amount

diverted under Applicant's interest in the Santistevan Ditch in the preceding irrigation season (April through August):

Table 4 – Non-Irrigation Season Return Flow Percentages

Sept. Oct.

0.36% 0.04%

Applicant may not divert its interest in the Santistevan Ditch unless it replaces its historical return flows as described herein."

(3) Case No. 20CW3100 (Water Division 4) - Application of Hartman Family Trust

The Board ratified this Statement of Opposition at its March 2021 meeting. Applicant requested water storage rights, groundwater rights, surface water rights, change of water rights, appropriative right of exchange, and approval of 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. The final decree was entered on May 2, 2022.

The CWCB holds instream flow water rights, including the following, in Water Division 4 in the Uncompahgre watershed that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
98CW0234	Dallas Creek	confl E & W Forks Dallas Cr	confl Ridgway Reservoir	9 (10/15 - 4/30) 20 (5/1 - 10/14)	07/13/1998
98CW0222	Uncompahgre River	Highway 62 bridge	confl Ridgway Res	20 (10/15 - 4/30) 65 (5/1 - 10/14)	07/13/1998

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

- "In the event of a call on Dallas Creek that requires curtailment of Applicant's junior rights decreed herein, Applicant can continue to divert its HCU associated with the dry up of 3.4 acres, described above, that is in priority at a maximum rate of .09 c.f.s."
- "The Hartman Ridgway Reservoir Exchange will operate to exchange releases from Ridgway Reservoir made pursuant to the augmentation plan requested in paragraph 12, below, from Ridgway Reservoir ("lower terminus") up to the headgate for the Dallas Placer Ditch ("upper terminus"). The exchange reach encompasses and includes the point of diversion for the Hartman Pit Well No. 3 Diversion, which may operate under the exchange regardless of whether diversions are made at the upper terminus. The exchange shall not operate if either the CWCB's instream flow water rights decreed in Case No. 98CW234 on Dallas Creek, or in Case No. 98CW222 on the Uncompahgre River are being administered within the exchange reach."
- "In the event of a valid senior downstream call on Dallas Creek in October that would result in out-of-priority depletions in excess of available HCU credits, the Applicant shall cease diversions from Dallas Placer Ditch Hartman Enlargement, and Hartman Pit Well No. 3. Diversion."

(4) Case No. 21CW3087 (Water Division 5) - Application of Merriman Living Trust dated August 27 2007, as amended

The Board ratified this Statement of Opposition at its January 2022 meeting. Applicant Amended its Application for Change of Water Right. In this case, Applicant filed to withdraw its case. The Court granted Applicant's Motion to Withdraw without prejudice and ordered that each party pay their own costs and fees associated with this case.

The CWCB holds instream flow 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
80CW0124	Eagle River	confl Brush Creek	confl Colorado River	50 (10/1 - 4/30) 130 (5/1 - 9/30)	03/17/1980

(5) Case No. 20CW3031 (Water Division 6) - Application of Yellow Jacket Water Conservancy District

The Board ratified this Statement of Opposition at its November 2020 meeting. Application for changes of water rights. The Applicant filed to dismiss this case. The Court granted Applicant's Motion to Dismiss with prejudice and ordered that each party pay their own costs and fees associated with this case.

The CWCB holds instream flow water rights, including the following, in Water Divisions 5 and 6 in the Upper White River Watershed, that could have been injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
W-3652C (1977) (Div. 5)	White River	confl NF & SF White River	confl Piceance Creek	200 (1/1 - 12/31)	11/15/1977
W-3652H (1977) (Div. 5)	North Fork White River	confl Marvine Creek	confl S Fk White River	120 (1/1 - 12/31)	11/15/1977
W-3704 (1978) (Div. 5)	North Fork White River	confl Ripple Creek	confl Marvine Creek	70 (1/1 - 12/31)	01/19/1978
19CW3014 (Div. 6)	North Fork White River	confl Big Fish Creek	confl Ripple Creek	23 (11/16 - 05/10) 74 (05/11 - 09/15) 60 (09/16 - 11/15)	01/29/2019



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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Jared Polis, Governor

Dan Gibbs, DNR Executive Director

Rebecca Mitchell, CWCB Director

TO: Colorado Water Conservation Board Members

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

Board Meeting: May 17-18, 2022 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:

- 1.35% - Agricultural
- 1.90% - Low-income Municipal
- 2.15% - Middle-income Municipal
- 2.40% - 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 0.55% for 10-year loans. Rates are increased by 0.25% for 40-year loans.

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





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Jared Polis, Governor

Dan Gibbs, DNR Executive Director

Rebecca Mitchell, CWCB Director

TO: Colorado Water Conservation Board Members

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

DATE: May 17-18, 2022 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					
	No prequalified projects at this time				
Total					\$ -



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

BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
South Platte		
NISP Participants	NISP	\$750,000,000
Woods Lake Mutual Ditch Company	Culvert Replacement	\$150,000
Town of Kersey	Water Line Project	TBD
Riverside Reservoir and Land Company	Ditch Rehabilitation	\$250,000
Town of Bennett	Raw Water Tank	\$500,000
Evergreen Metro District	Evergreen Dam Enlargement	TBD
Left Hand Water District	Dry Creek Reservoir	TBD
Shawnee Water Consumers Association	Reservoir Rehabilitation	\$200,000
Boulder and White Rock Ditch & Res. Co.	Reservoir Dredging	TBD
Western Mutual Ditch Company	Reservoir Dredging	TBD
Bergen Ditch and Reservoir Company (*)	Reservoir Rehabilitation	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
Northern Colorado WCD	Windy Gap Firing (increase)	\$40,000,000
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
Dave Miller Mutual Ditch Company	Ditch Piping Project	\$150,000
Standley Lake Operating Committee	Reservoir Expansion	TBD
Switzerland Park HOA	Reservoir Rehabilitation	\$300,000
Danna Ortiz	Knouth Reservoir Rehabilitation	\$3,000,000
Loup Reservoir Company	Loup Reservoir Rehabilitation	TBD
Smith and Emmons Ditch Company	Headgate Rehabilitation	\$176,000
Middle South Platte Reservoir Company	New Reservoir	TBD
Arthur Irrigation Company	Ditch Rehabilitation	TBD
Handy Ditch Company	Welch Reservoir Rehabilitation	\$1,000,000
Castle Pines Metropolitan District	Chatfield Water Purchase	\$500,000
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
Ogilvy Irrigating and Land Company	Loloff Reservoir Improvements	\$5,200,000
Wadley Farms 3 HOA	Reservoir Rehabilitation	TBD
Loveland Lake and Ditch Company	Reservoir Rehabilitation	TBD
Subtotal		\$2,761,426,000



BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
Arkansas		
Town of Manitou Springs	Raw Water Pipeline	\$3,000,000
City of Woodland Park	Storage Project	\$1,000,000
Fort Lyon Canal Company	Adobe Creek Enlargement	\$8,000,000
Deweese Ditch and Reservoir Co. (+)	Reservoir Enlargement	TBD
Holbrook Ditch Company	Reservoir Enlargement	TBD
Lake County	New Reservoir	TBD
Catlin Canal Company	Canal System Improvement	\$1,500,000
Lower Arkansas WCD	New Storage Account	TBD
Donala Water and Sanitation District	Ditch Construction	TBD
Mesa McKenna Mutual Ditch Company	Ditch Piping Project	TBD
Town of Avondale (*)	New Well	TBD
Round Mountain Water & Sanitation	New Reservoir	TBD
Ordway, Town of	Reservoir Rehabilitation	TBD
Cross Creek Metropolitan District	Hale Reservoir Rehabilitation	\$3,000,000
Twin Lakes Reservoir and Canal Company	Dam and Tunnel Rehabilitation	\$5,500,000
Colorado City (*)	Beckwith Dam Rehabilitation	\$8,000,000
Oxford Ditch Company	Flume Rehabilitation	\$1,800,000
Fort Lyons Canal Company (+)	Diversion Structure Repair	\$500,000
Aguilar, Town of (‡)	New Augmentation Reservoir	TBD
Huerfano County	Water Rights Purchase	\$1,200,000
Subtotal		\$33,500,000
San Miguel/Juan		
Town of Bayfield	Ditch Piping Project	\$500,000
Redmesa Reservoir and Ditch Co. (*)	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
Town of Naturita	Water Meters	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
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
New Multa Trina Ditch Company (‡)	Ditch Piping Project	TBD
Gunther Covers	Christenson Dam	TBD
Town of Minturn	New Well Field	\$5,220,000
Flannery Water Company, LLC	Reservoir Rehabilitation	TBD
Morrisania Water Supply Company	Headgate Repair and Ditch Piping	\$150,000
Fruita, City of	Reservoir Rehabilitation	TBD
Dave Phelps	King Dam Rehabilitation	TBD
Royal Elk Ranch	Ditch Rehabilitation	\$2,000,000
Subtotal		\$7,970,000



BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
Gunnison		
Gunnison County Electric	Taylor Park Hydro	\$1,000,000
Duke Ditch Company	Ditch Piping Project	\$400,000
Bostwick Park Water Conservancy District	Dam Construction	TBD
Kendall Reservoir Company	Reservoir Rehabilitation	\$140,000
Orchard City Irrigation District (‡)	Fruit Growers Reservoir Rehab	\$240,000
Ouray, City of	Water Supply Pipeline	\$750,000
Grand Mesa Water Users Association	Reservoir Rehabilitation	\$600,000
Crested Butte, Town of	Dam Outlet Rehabilitation	TBD
Olathe, Town of	Water Meter Replacement	TBD
Lone Cabin Ditch Company	Ditch Rehabilitation	TBD
Subtotal		\$3,130,000
North Platte		
Colorado Parks and Wildlife (*)	North Michigan Creek Reservoir	\$6,000,000
Spicer Ranches, LTD	Reservoir Rehabilitation	TBD
Walden, Town	New Well	TBD
Subtotal		\$6,000,000
Rio Grande		
Manassa Land & Irrigation Co.	Ditch Rehabilitation	\$6,000,000
Baca Grande WSD	Water Rights Purchase	\$1,000,000
Sanchez Ditch and Reservoir Co.	Dam Rehabilitation	\$4,000,000
Rio Grande WCD - Subdistrict #1	Water Rights Purchase	\$5,000,000
Center, Town of	Water Meter Project	\$200,000
San Luis Valley WCD (+)	Shaw Reservoir Purchase	TBD
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
Subtotal		\$20,400,000
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





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Dan Gibbs, DNR Executive Director

Rebecca Mitchell, Director

To: Colorado Water Conservation Board Members

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

Board Meeting: May 17-18, 2022 Board Meeting

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

The CWCB Loan Program has Substantially Completed (15) projects in Fiscal Year 2021/2022 as shown in the Table. There are currently (45) projects authorized to receive loan funding totaling \$329M. There are (41) projects currently under contract and in the Design/Construction phase totaling \$225M. The attached spreadsheet summarizes the status of all loan. A detailed description about each project is provided on the CWCB website under Water Project Loan Program. cwcw.colorado.gov/loans-grants/water-project-loan-program

	Borrower	Project	County	Loan Amount	Complete
1	North Sterling Irrigation District	Outlet Canal Automation Phase II Project	Logan	\$395,920	7/1/21
2	Redlands Water and Power Co.	Roller Gate Replacement	Mesa	\$404,000	8/1/21
3	Pueblo Conservancy District	Arkansas River & Wildhorse Creek Levees Project	Pueblo	\$23,230,000	9/1/21
4	Julesburg Irrigation District	Diversion Structure Rehabilitation	Sedgwick	\$1,298,207	9/1/21
5	San Luis Valley Irrigation District	Rio Grande Res Rehab - Phase 2	Hinsdale /Rio Grande	\$15,000,000	10/1/21(a)
6	Central Colorado WCD	Chatfield Reallocation Project Phase II Mitigation	Douglas Arapahoe / Douglas /Park /	\$6,670,684	10/1/21 (b)
7	Castle Pines North MD	Chatfield Reallocation Project Phase II Mitigation	Arapahoe / Douglas /Park /	\$1,430,032	10/1/21(c)
8	Centennial WSD	Chatfield Reallocation Project Phase II Mitigation	Arapahoe / Douglas /Park /	\$10,400,368	11/1/21 (d)
9	Centennial WSD	Chatfield Reallocation Project - First Cost of Storage	Arapahoe / Douglas /Park /	\$4,978,290	11/1/21
10	Rural Ditch Company	Diversion Structure Improvement	Weld	\$662,483	12/1/21
11	Central Colorado WSD	Walker Recharge	Weld	\$2,272,500	1/1/22
12	GMS of CCWCD	Walker Recharge	Weld	\$9,847,500	1/1/22
13	WAS of CCWCD	Walker Recharge	Weld	\$3,030,000	1/1/22
14	Huerfano County WCD	Regional Augmentation Project	Huerfano	\$2,666,400	2/1/22 (e)
15	Upper Platte & Beaver Canal Co.	Diversion Structure	Morgan	\$4,078,215	2/1/22
			Total	\$86,464,599	

Fiscal Year 2021 - 2022 has added and preserved 63,340 acre-feet of reservoir storage; (a) 51,113; (b) 4,274; (c) 1,006; (d) 6,922; (e) 25



	Borrower/Projects	County	Loan Amount	Design Status	Const. Start/End	Const Status	PM	Status Description/Update
Projects in Design or Construction								
1	Amity Mutual Irrigation Company >Queen Reservoir Dam Rehabilitation CT2021-2224	Kiowa	\$1,333,000	50%	Fall 2020 - Spring 2023	5%	RP /KR.T	Dam breached. Final design underway then Dam Safety review/approval. Bid pkg. Aug2021.
2	Arapahoe County Water and Wastewater Authority >Chambers Reservoir Liner Rehabilitation CT2021-0513	Arapahoe	\$4,000,000	100%	May 2020 - May 2022	80%	RP /CB	Under construction Aug 2020. Dam Safety fill approval-May2021. Loan increase request May2021 for pump system component. Crane cert. 12/2021, pump delivery-delay until 1/2022, pouring pump pads 12/2021
3	Billings Ditch Company >Billings Ditch Implementation Project CT2022-2886	Rio Grande/Alam osa	\$171,000	100%	Fall 2021 - Fall 2022	20%	CB	This project is being managed by the Rio Grande Headwaters Restoration Foundation to replace the Billings Ditch diversion structure. A water plan grant for the same project was contracted in October. Construction is currently under way.
4	Cedar Mesa Ditch Company >Lower Cedar Mesa Ditch Piping CT2020-2680	Delta	\$1,346,000	100%	Oct 2020 - Spring 2022	99%	MS	Construction began in October 2020 and completed in January of 2022. Minor ongoing cleanup is still occurring, but substantial completion is anticipated in spring/summer of 2022
5	Deuel and Snyder Improvement Company >Diversion Structure Replacement CT2020-3562	Morgan	\$643,000	100%	Aug 2020 - May 2022	85%	CB	This project will support the replacement of UPBCC/DSIC's 1,400 foot long diversion structure on the South Platte. Contractor mobilization and first purchase of materials took place in June 2020. A Scope increase will extend the project into Spring 2022.
6	Dove Creek, Town of >Reservoir No. 2 >CT2022-3321 (WPG) CTGG1 2022-3278	Dolores	\$800,000	50%	Nov 2022 - Dec 2023	0%	RP /CB	Waiting on WPG contract.
7	Duke Ditch Company >Piping the Duke Ditch >CT2017-0915 CTGG1 2017-0212 (WSRF)	Delta	\$90,000	100%	On Hold	0%	MS	NRCS finalized the design in August 2018. Federal grant expired. Company is evaluating options of applying for a loan increase and completing project without federal grant dollars.
8	Florida Consolidated Ditch Company >Hess Lateral Improvement >CT2019-2034 CTGG1 2016-1319 (WSRF)	La Plata	\$1,075,000	100%	On Hold	0%	KR	Company received bids. The low bid exceeded the available funding. Company is in the process of value engineering and project adjustments.
9	Florida Consolidated Ditch Company >Florida Canal Diversion Replacement >CT2021-2890 WSRF & WPG CTGG1 2021-2418	La Plata	\$750,000	10%	Summer 2021 - Fall 2023	0%	MS	This project is the replacement of a low head dam diversion structure with multibeneficial outcomes. Design work began in the summer of 2021 and is ongoing.
10	Fort Morgan Farms, LLC >Delta Water Storage Phase 1 CT2021-2222	Weld	\$8,982,000	100%	Fall 2021 - Spring 2022	60%	CB	The Delta Storage Project will construct a below grade storage reservoir. The loan covers the cost of constructing a slurry wall around the reservoir to isolate future stored water from existing groundwater. Currently the slurry wall is under construction.
11	Fruitland Irrigation Company >Tunnel and Canal Renovation >CT2019-2848 WSRF CTGG1 2019-2449 WPG CTGG1 2019-2475	Delta & Montrose	\$1,729,000	100%	Jan 2020 - Dec 2023	35%	RP /KR	Sept 2018 letter from Bureau of Reclamation recvd. Section 1 tunnel work bid pkg Dec2020. Section 2 Tribble - Pipe placement, compaction testing. Section 3&4 Rundle - begin breaking and removal of bedrock. Tribble and Wright placing concrete lining.
12	Genesee Water and Sanitation District >Reservoir No. 1 Enlargement >CT2021-2851 WPG CTGG1 2021-3347	Jefferson	\$4,200,000	90%	Fall 2021 - Winter 2023	5%	RP /CB	Loan approved Sep 2020. Water Plan Grant approved in March2021. Bid anticipated early June2022.
13	Glenwood Springs, City of >System Redundancy and Pre-Treatment Improvemnts >CT2021-3104	Garfield	\$8,000,000	100%	Spring 2021 - Fall 2021	20%	CB	This Wildfire Emergency Loan will improve the infrastructure for Glenwood Springs' water collection system to cope with increased sediment in their source waters as a result of the Grizzly Creek Fire in 2020.
14	Grand Mesa Water Conservancy District >Peak Res. & Blanche Park Res. Rehabilitation C150354 (CT2015-061)	Delta	\$466,620	100%	Mar 2013 - Dec 2021	99%	MS	Construction on Peak Reservoir began in the 2013 season and was completed in Oct 2014. Construction on Blanche Park Reservoir began in July 2020 and completed in December 2021. Substantial completion is anticipated in early summer 2022.
15	Grand Junction, City of >Carson Reservoir Dam Rehabilitation CT2021-3110	Mesa	\$3,000,000	100%	Spring 2021 - Fall 2021	30%	CB	This project will update Grand Junction's Carson Reservoir in compliance with Dam Safety's recommendations including installing state-of-the-art flood advance warning equipment. The Contractor has shut down for the winter and will re-mobilize in spring 2022.
16	Grand Junction, City of >Purdy Mesa Flowline Replacement CT2021-2857	Mesa	\$7,000,000	100%	Winter 2021 - Summer 2023	0%	CB	The Purdy Mesa Flowline is a large diameter pipeline that supplies raw water to the Grand Junction WTP. Most of the line was replaced as part of previous projects and this project will replace the last remaining out-of-date pipe material. Project is on hold until 2022.
17	Groundwater Management Subdistrict of CCWCD >Hokestra Reservoir Purchase CT2020-3348	Weld	\$5,390,500	100%	May 2020 - Dec 2022	60%	CB	This Project will purchase an existing reservoir for use as augmentation storage. Funds have been disbursed for the reservoir purchase, but construction is in the earliest phases.
18	Groundwater Management Subdistrict of CCWCD >Pioneer Reservoir CT2019-3687	Weld	\$8,611,000	75%	Sep 2019 - May 2022	60%	CB	This is a gravel pit retrofit for augmentation water supply. Funds for the initial reservoir purchase and some engineering were disbursed in May 2019. Construction efforts are expected to begin in 2021.
19	Hidden Valley Water District >Master Water Meter Connection CT2020-2244	Jefferson	\$1,720,000	100%	Feb 2020 - Dec 2021	95%	RP /KR	Assets and operations are all to the District. District signed and approved EMD IGA. Precon Dec2019. Construction begin Feb 2020. EMD connect 7/2020. Construction complete, final walkthru Aug2020. Working on IGA with EMD. Continued water court proceedings by EMD as of 12/2021.
20	Left Hand Ditch Company >Allen's Lake Filler Canal Improvements CT2019-3463	Boulder	\$1,065,000	100%	Dec 2020 - Nov 2021	95%	CB	This project replaced 2,750 feet of open ditch with a buried pipe. The Borrower is returning for a loan increase to cover the costs of some scope changes and increased material costs. Minor landscaping work will be completed this summer to wrap up the project.
21	Logan Irrigation District >Prewitt Reservoir Rehabilitation CT2021-3898	Logan	\$1,563,000	100%	Spring 2021 - Fall 2021	90%	CB	This project will support dredging efforts to eliminate a dead pool at Prewitt Reservoir. The project is currently under way and the contractors are on site.

	Borrower/Projects	County	Loan Amount	Design Status	Const. Start/End	Const Status	PM	Status Description/Update
22	Lookout Mountain Water District >Upper and Lower Beaver Brook Dam Rehabilitation CT2021-3115	Jefferson	\$3,500,000	100%	Spring 2021 - May 2022	85%	RP /CB	Contractor mobilized and site staging. Construction and dam demolition. RCC dam 100% complete as of 12/21. Spillway and outlet work construction continues.
23	North Sterling Irrigation District >North Sterling River Diversion Replacement CT2021-3875	Morgan	\$3,498,000	100%	Fall 2021 - Spring 2022	90%	CB	Demolition of the existing structure began in July 2021. Long-lead-time items have been ordered. Work is progressing on schedule and on budget. Completion is expected before the 2022 irrigation season begins.
24	Ogilvy Irrigating and Land Company >Seely Reservoir Dredging >CT2019-2099 CTGG1 2019-2018 (WPG)	Weld	\$2,252,000	85%	Fall 2021 - Spring 2023	0%	RP /KR	USACE 12/2019 non jurisdictional determination. Floating dredge proposed in lieu of draining/excavating reservoir convent. excavation/haul. OILC concerned floating dredge ability dewater sufficiently for adjacent property. Reviewing options.
25	Orphan Wells of Wiggins >Kiowa Creek Dam Rehabilitation CT2021-3116	Morgan	\$373,000	100%	Spring 2021 - Fall 2021	80%	CB	This project will repair five non-jurisdictional dams operated by Orphan Wells of Wiggins for augmentation purposes. Mobilization took place in January 2021. Dam work complete Spring 2021. Loan increase request (May 2021) for well power supply conversion
26	Redmesa Reservoir and Ditch Company >Redmesa Reservoir Rehabilitation Engineering CT2022-0498	La Plata	\$183,000	60%	TBD	0%	MS	This project is to engineer a financially feasible dam rehabilitation, including a potential enlargement. Work began on March 8, 2021 and is now exploring funding options due to significant cost increases. The Company is working to secure a sponsor for NRCS's PL-566 program.
27	Rio Grande Water Conservation District Subdistrict No. 5 >Saguache Pipeline CT2021-3846	Saguache	\$4,844,000	80%	Spring 2021 - Fall 2022	0%	RP /KR.T	Working on well owner agreement and Project easement agreements. Mar2022-considering revised pipeline alignment.
28	Southeastern CO Water Conservancy District >Pueblo Dam Hydroelectric Project CT2018-0833	Pueblo	\$17,220,000	100%	June 2017 - Nov 2021	98%	RP /KR	Construction beginning fall 2017. District anticipates power production by fall of 2018. Tie-in to SDS complete April 2018. Waiting on transformer approval from Black Hills. Turbine and generator placement and fiber optic line approval. Functional and producing power. Finalizing adjustments and design details. 2-yr performance time extension approved.
29	South Platte Ditch Company >Diversion Structure Rehabilitation CT2022-0424	Washington	\$1,440,000	100%	Aug 2021 - Apr 2022	100%	CB	The project will replace the South Platte Ditch Company's Diversion Structure. Long-lead-time items have been purchased and delivered to site. Construction is ongoing.
30	Spring Dale Ditch Company >Diversion Structure Replacement Project >CT2020-3110	Logan	\$1,210,000	100%	Feb 2020 - Apr 2022	98%	CB	This project will replace Springdale's aging diversion structure on the South Platte. All work except the final punch list items are complete.
31	Trinchera - GMS >Augmentation Pipeline >CT2022-3040	Rio Grande	\$977,000	50%	Jan 2022 - Dec 2022	0%	RP /KR	
32	Triview Metropolitan District >Stonewall Springs Reservoir Complex >CT2022-3328	Pueblo	\$4,731,000	100%	Jan 2021 - Sep 2022	75%	RP /KR.T	MAR2022-Reservoir under construction and working on pumphouse. Large pay request anticipated 6/2022. Delay on electrical panel likely install Aug2022.
33	Tunnel Water Company >West Half Laramie-Poudre Tunnel Rehabilitation CT2019-3706	Larimer	\$17,080,000	100%	Sep 2019 - Apr 2023	85%	RP /KR	Construction scheduled to begin the Fall 2019, when low water and non-irrigation season. Requesting loan increase 11/2019, 3/2020 from Projects Bill 2020. Construction delays due to Cameron Peak wildfire. Unplanned construction season 3. Runaround complete, station 52+00 of 65+00.
34	Tunnel Water Company >Headgate Improvements Project (Wildfire Impact) CT2021-3928	Larimer	\$1,206,000	100%	pr 2021 - Sep 2021	99%	RP /KR	Power supply installation complete. Duperon gate delivery at site. Headgate installation underway. Construction complete. Project final.
35	Tunnel Water Company >Rawah Ditch Tunnel Rehabilitation CT2021-3927	Larimer	\$2,150,000	100%	pr 2021 - May 2022	95%	RP /KR	Downstream end of 54in pipe backfill grouting completed. Grout return out of the rock approximately 15ft above the pipe from the rock face. Visible grey strips running vertically in center of the picture. Restruction doing injection grouting in the riprap at ends of pipe. Anticipate SC 5/2022.
36	Victor, City of >Victor Reservoir No. 2 Dam Rehabilitation CT2021-3873	Teller	\$510,000	100%	pr 2021 - Dec 2022	0%	RP /KR	Bid package compete and advertised. Prebid scheduled 19May2021. Planned begin construction Jun2021 changed to March 2022. Loan increase request January 2022.
37	VINELANDS POWER PLANT PROJECT							
	a. Grand Valley Water Users Association >Vinlands Power Plant >CT2022-2084 WPG CTGG1 2022-2072	Mesa	\$778,011	100%	Nov 2021 - Winter 2022	60%	MS	This project will replace the existing hydroelectric powerplant. PPA is signed, LOPP is signed. Contractor mobilized November of 2021 and construction is progressing as expected. Contractor is experiencing shipping delays for custom power plant equipment, but is able to work around the issue for the time being.
	b. Orchard Mesa Irrigation District >Vinlands Power Plant CT2022-2057	Mesa	\$853,912	100%	Fall 2021 - Fall 2022	60%	MS	
38	Wiggins, Town of >Wiggins Recharge Facility at Glassey Farms CT2018-0892	Morgan	\$2,385,000	100%	Jul 2017 - Jul 2022	0%	CB	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.
39	Windy Gap Firming Project Water Activity Enterprise >Windy Gap Project CT2021-2039	Larimer	\$89,108,911	100%	Spring 2021 - Summer 2024	10%	CB	Construction contract was awarded in December and allotment contracts among project participants are being drafted. Contractor was selected in October. Project loan conditions were amended at the March Board Meeting. Due to ongoing litigation the project start is delayed until 2022.
40	WISE Project - Phase 2 Infrastructure \$7,326,940							
	a. Cottonwood W&S Dist - C150408C (CT2015-0105)	Douglas/ Arapahoe	\$1,116,000	100%	Jan 2020 - Dec 2022	90%	RP /KR	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
	b. Inverness W&S Dist - C150409C (CT2015-0119)	Douglas/ Arapahoe	\$1,413,000	100%	Jan 2020 - Dec 2022	90%	RP /KR	

	Borrower/Projects	County	Loan Amount	Design Status	Const. Start/End	Const Status	PM	Status Description/Update
	c. Parker W&S Dist - C150410C (CT2015-0109)	Douglas/ Arapahoe	\$3,384,810	100%	Jan 2020 - Dec 2022	90%	RP /KR	Contractor complete foundation work, pump case 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 planned Jun2021.
	d. Pinery (Den SE WSD)C150411B (CT2015-0086)	Douglas/ Arapahoe	\$1,413,130	100%	Jan 2020 - Dec 2022	90%	RP /KR	
41	WISE Project - DIA Connection \$1,902,600							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.
	a. Cottonwood W&S Dist - C150408D (CT2015-0104)	Douglas/ Arapahoe	\$363,600	80%	N/A	60%	RP /KR	
	b. Inverness W&S Dist - C150409D (CT2015-0120)	Douglas/ Arapahoe	\$450,000	80%	N/A	60%	RP /KR	
	c. Parker W&S Dist - C150410D (CT2015-0110)	Douglas/ Arapahoe	\$1,089,000	80%	N/A	60%	RP /KR	

Projects Under Contract :\$225,464,494

Approved Projects - Not Under Contract								
a	Taylor & Gill Ditch Company >Ditch Piping CT2022-XXXX CTGG1 2022-XXXX	Larimer	\$125,000	0%	Fall 2020 - Spring 2021	0%	CB	This project will replace 1,000 feet of open ditch with a buried pipe. Contracting documents are dated and need redone.
b	Southeastern Colorado Water Conservancy District >Arkansas Valley Conduit CT2022-XXXX	Pueblo, Crowley, Otero, Bent, Prowers	\$90,000,000	0%	Fall 2020 - Fall 2035	0%	KR	September 2022 Feasibility Study to CWCB per SECWCD. Likely Jan2023 CWCB presentation.
c	Root and Ratliff Ditch Company >Ditch Piping and Rehabilitaion >CT2022-XXXX	Montezuma	\$300,000	100%	Fall 2019 - Fall 2022	90%	RP /KR	
d	Breckenridge, Town of >Goose Pasture Tarn Dam Rehabilitation CT2022-XXXX	Summit	\$13,000,000	100%	Fall 2020 - Spring 2023	50%	CB	Projects Bill

Not Under Contract SubTotal = \$103,425,000

Grand Total = \$328,889,494

WATER PROJECT COSTRUCTION LOAN PROGRAM
LOAN REPAYMENT DELINQUENCY REPORT
LOAN FINANCIAL ACTIVITY REPORT
May 2022

LOAN REPAYMENT DELINQUENCY

Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2021 through April 2022. 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 2022 totaled 245. All borrowers' payments are current.

LOAN FINANCIAL ACTIVITY

Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2022 is summarized as follows: Funds received relative to loans in repayment totaled \$35.8M for this year. Funds disbursed relative to new project loans totaled \$34M for this year. Net activity resulted in \$1.8M received by the CWCB Construction Fund and the Severance Tax Perpetual Base Fund (STPBF) over the total disbursed.

Further breakdown is summarized as follows: The Construction Fund portion consists of \$13.2M in receivables and \$15.8M in disbursements for a total net activity of \$2.6M disbursed over received. The STPBF consists of \$22.6M in receivables and \$18.2M in disbursements for a total net activity of \$4.4M received over disbursed.

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2021	\$ 607,340	\$ 273,708	\$ 881,048	\$ 572,695	\$ 308,354
August 2021	\$ 400,916	\$ 224,276	\$ 625,192	\$ 20,973	\$ 604,219
September 2021	\$ 1,568,570	\$ 869,305	\$ 2,437,875	\$ 2,513,291	\$ (75,416)
October 2021	\$ 578,559	\$ 188,950	\$ 767,509	\$ 569,027	\$ 198,482
November 2021	\$ 600,620	\$ 567,255	\$ 1,167,875	\$ 3,505,746	\$ (2,337,871)
December 2021	\$ 353,063	\$ 4,530	\$ 357,593	\$ 4,408,669	\$ (4,051,076)
January 2022	\$ 1,085,892	\$ 1,384,646	\$ 2,470,538	\$ 592,692	\$ 1,877,846
February 2022	\$ -	\$ 903,671	\$ 903,671	\$ 1,782,383	\$ (878,713)
March 2022	\$ 2,041,297	\$ 771,534	\$ 2,812,831	\$ 982,687	\$ 1,830,144
April 2022	\$ 607,878	\$ 188,262	\$ 796,139	\$ 891,888	\$ (95,749)
FY 2022 Totals	\$ 7,844,136	\$ 5,376,136	\$ 13,220,272	\$ 15,840,052	\$ (2,619,780)

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2021	\$ 757,337	\$ 51,664	\$ 809,000	\$ 955,767	\$ (146,767)
August 2021	\$ 880,919	\$ 1,083,636	\$ 1,964,554	\$ 1,475,726	\$ 488,828
September 2021	\$ 5,642,601	\$ 1,109,255	\$ 6,751,855	\$ 1,250,623	\$ 5,501,232
October 2021	\$ 7,507,196	\$ 1,640,496	\$ 9,147,692	\$ 2,756,961	\$ 6,390,731
November 2021	\$ 523,683	\$ 228,247	\$ 751,929	\$ 3,358,888	\$ (2,606,959)
December 2021	\$ 72,473	\$ 14,358	\$ 86,831	\$ 5,102,326	\$ (5,015,495)
January 2022	\$ 626,718	\$ 489,354	\$ 1,116,072	\$ 680,678	\$ 435,394
February 2022	\$ -	\$ 514,331	\$ 514,331	\$ 1,341,797	\$ (827,466)
March 2022	\$ 886,658	\$ 68,667	\$ 955,326	\$ 1,288,883	\$ (333,557)
April 2022	\$ 341,144	\$ 226,384	\$ 567,529	\$ 22,637	\$ 544,892
FY 2022 Totals	\$ 17,238,728	\$ 5,426,392	\$ 22,665,120	\$ 18,234,285	\$ 4,430,835

GRAND TOTALS	\$ 25,082,864	\$10,802,528	\$ 35,885,392	\$ 34,074,337	\$ 1,811,055
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