



COLORADO

Colorado Water Conservation Board *Department of Natural Resources*

DIRECTOR'S REPORT

May 2021

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
Alana Holdren

DATE: May 19-20, 2021

SUBJECT: **Agenda Item 4b, May 2021 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 FY20/21:

1. Bear River Reservoir Company – Stillwater Reservoir No. 1 Rehabilitation (\$49,930)
2. Dave Miller Ditch Company – Ditch Piping (\$4,450)
3. Bergen Ditch Company – Polly A Deane Reservoir Rehabilitation (\$17,898)

Total funds approved for feasibility study grants in FY20/21: \$72,278

~COLORADO RIVER BASIN~

COLORADO RIVER WATER USE—

2021 Colorado River Storage as of May 3, 2021			
	Elevation (feet above mean sea level)	Storage (MAF)	Percent of Capacity
Lake Mead	1,078.92	9.922	38%
Lake Powell	3,562.12	8.485	35%
Total System Active Storage		25.504	43%
2020 Total Active Storage		30.635	51%
		Flow (MAF)	Percent of Average
Forecasted Unregulated Inflow into Powell (Forecasted Water Year 2021)		4.397	41%

Forecasted CY 2021 Lower Basin Consumptive Use			
State		Use (MAF)	Total (MAF)
Arizona		2.550	
California			
California Agricultural	3.387	4.478	7.295
Metro. Water District	1.074		
Other	0.017		
Nevada		0.260	

*Note MAF = million acre-feet

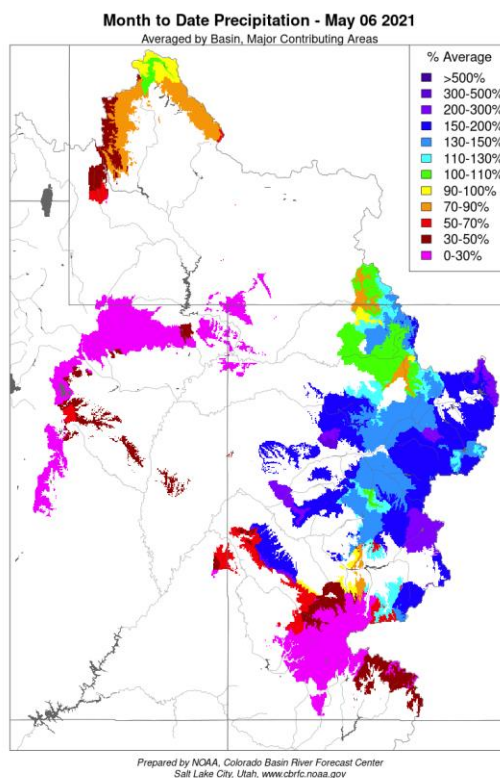
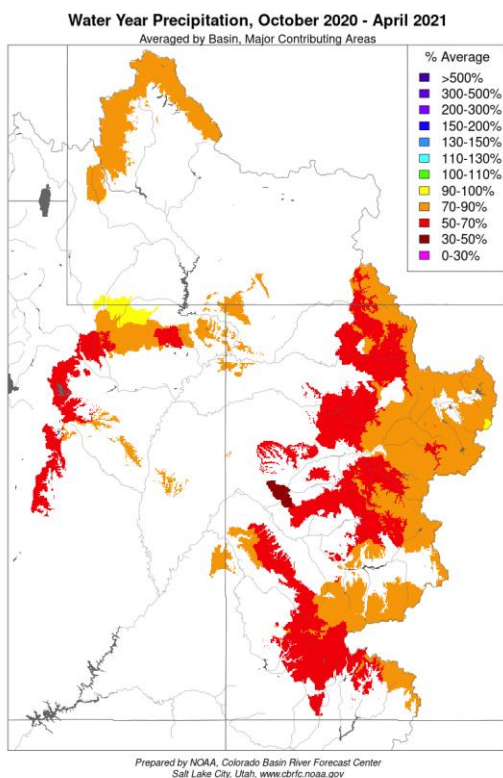
Upper Colorado River Wild and Scenic Stakeholder Group

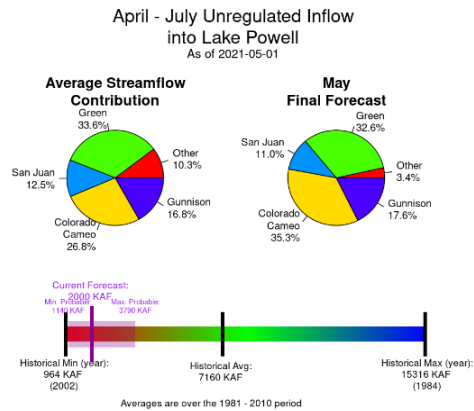
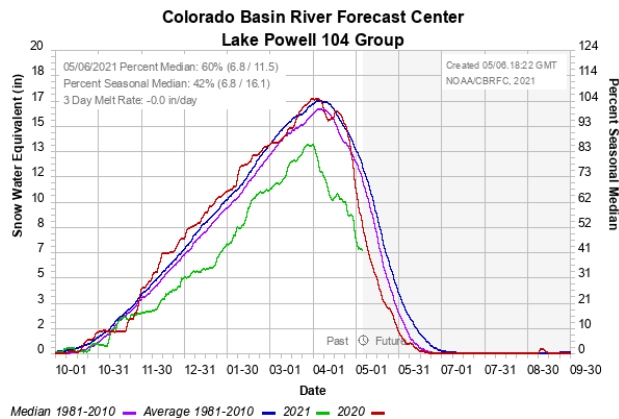
On March 25, 2021, the Upper Colorado Wild and Scenic Stakeholder Group (SG) held its quarterly meeting. During this meeting, the SG approved its 2021/2022 budget (fiscal year April 1, 2021 through March 31, 2022), including \$259,036 in total expenditures and commitments. The SG also adopted the 2021 Monitoring Plan, which includes monitoring of recreational floatboating and fishing through surveys, macroinvertebrates, temperature, and other activities. The SG discussed upcoming timeline and tasks, a new member process, and the permitting status of the Windy Gap Firming and Moffat System Collection projects. The SG also discussed several other updates including on cooperative measures, developing a channel maintenance flow monitoring plan, and financial reports.

The Amended and Restated Management Plan was completed in June 2020 and includes final Outstandingly Remarkable Values indicators and Resources Guides related to recreational fishing and floatboating.

Hydrology and Forecast Updates

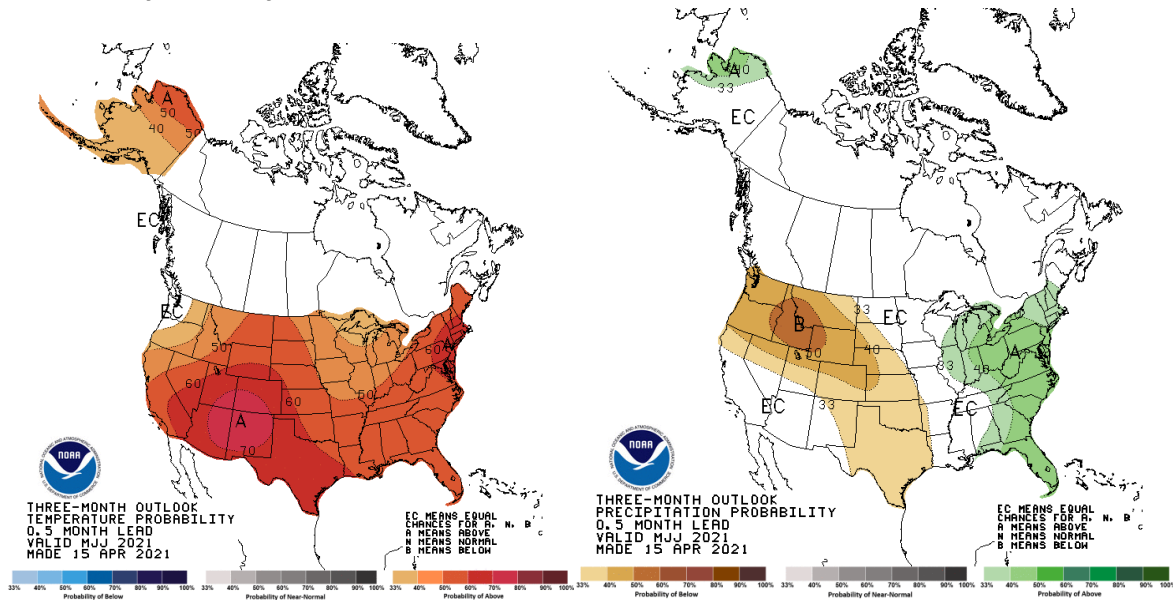
February and March precipitation varied throughout the basin, with some headwater areas receiving near normal precipitation. April was dry throughout the basin, with increased storm activity in the headwater areas in early May. Peak snowpack remained below median, and melt began slightly earlier than normal. Spring runoff forecasts range from 25 – 70% of average across the Upper Basin, and less than 35% across the Lower Basin.



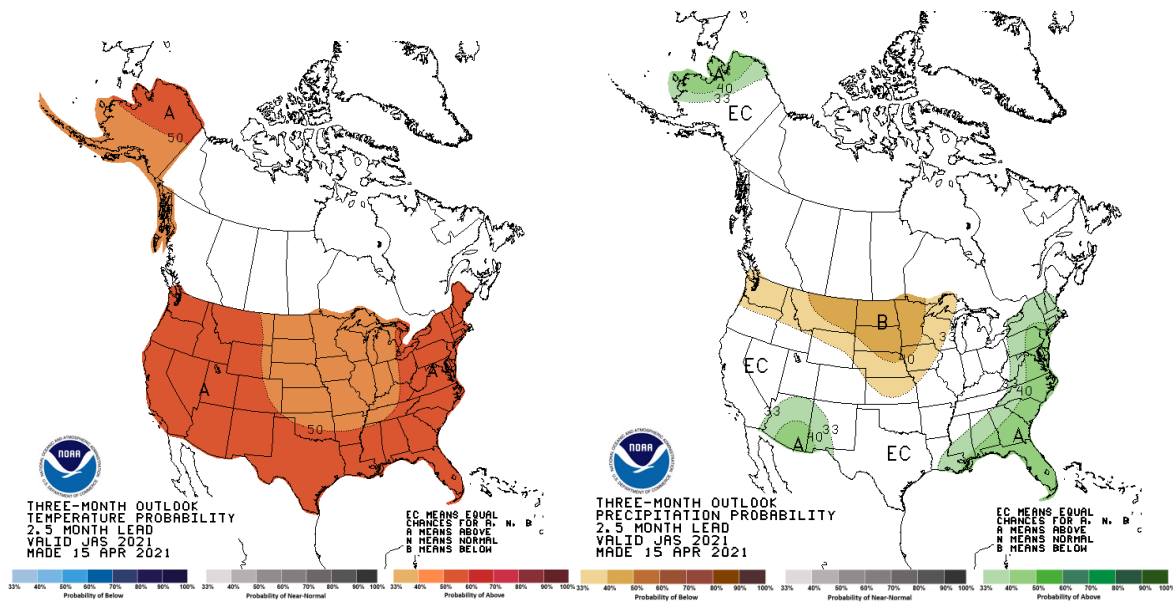


Extended outlooks project increased chances of above-normal temperatures for the remainder of the water year. Precipitation outlooks reflect an expected transition from La Nina to ENSO-neutral conditions, increasing the chances of near-normal or above-normal precipitation later in the water year, particularly in the southern portions of the basin.

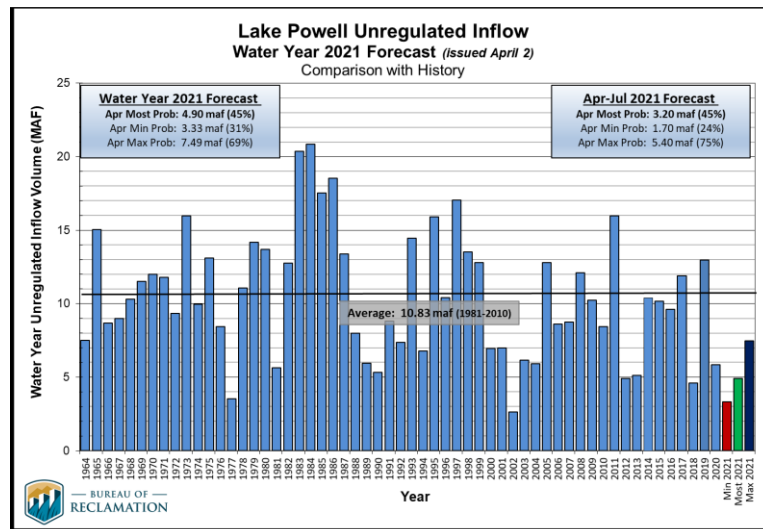
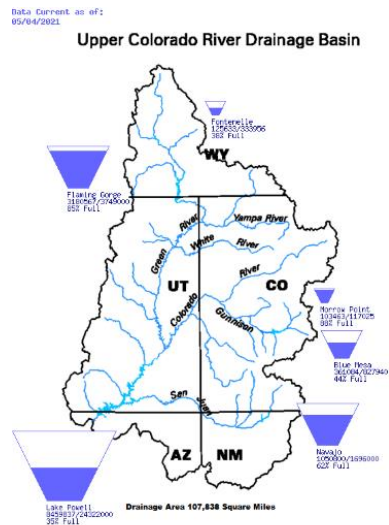
May-June-July



July-August-September



Storage Conditions and Forecasts



Forecasts for April – July and water year 2021 inflows to Lake Powell declined. Water year 2021 forecasts for Lake Powell resemble inflows during water year 2012.

Lake Powell Releases

WY 2019: 9.0 MAF

WY 2020: 8.23 MAF

Water Year	Max Probable	Most Probable	Min Probable
2021	8.23 MAF	8.23 MAF	8.23 MAF
2022	9.0 MAF	7.48 MAF	7.48 MAF
2023	9.0 MAF	7.48 MAF	8.15 MAF

The Lower Basin is again implementing conservation measures in accordance with its Drought Contingency Plan.

The Drought Response Operations Agreement (DROA) for the Upper Basin has been triggered.

Under DROA, the Reclamation 24-Month Study is updated with new minimum probable forecast data monthly instead of quarterly to better track possible impacts of continued dry conditions.

(Michelle Garrison)

~ GUNNISON RIVER BASIN ~

RECENTLY DECREED ISF WATER RIGHTS: On April 26, 2021, the Division 4 Water Court decreed ISF water rights to the CWCB on two reaches of Spring Creek in Case No. 20CW3078. The upper reach starts at the confluence with Rocky Brook Creek and terminates at the confluence with Bear Creek, a distance of approximately 3.18 miles. The upper reach was decreed a flow rate of 6.5 cfs from April first through September thirtieth. The lower reach starts at the confluence with Bear Creek and terminates at the confluence with the Taylor River, a distance of approximately 8.17 miles. The lower reach was decreed a flow rate of 13.5 cfs from April first through July thirty-first. Both of these reaches flow in a southwesterly direction through parts of Gunnison County and have an appropriation date of January 27, 2020. These water rights are in addition to an existing ISF on Spring Creek decreed in Case No. 84CW0368, to the CWCB for 7.5 cfs (01/01-12/31), with an appropriation date of May 4, 1980. High Country Conservation Advocates recommended these reaches to protect the creek's populations of brown trout (*salmo trutta*), and rainbow trout (*oncorhynchus mykiss*).

~ STREAM AND LAKE PROTECTION SECTION UPDATES ~

AMENDMENTS TO INSTREAM FLOW PROGRAM RULES EFFECTIVE: On January 26, 2021, the Board adopted amendments to the Rules Concerning the Colorado Instream Flow and Natural Lake Level Program (ISF Rules). The Attorney General Rule Opinion was issued on February 11, 2021, and on February 12, Staff filed the final amended ISF Rules and the Attorney General Opinion with the Secretary of State. On March 17, 2021, the amended ISF Rules became effective. The ISF Rules are located at <https://dnrweblink.state.co.us/CWCB/0/edoc/214232/2%20CCR%20408-2.pdf>.

STREAM AND LAKE PROTECTION SECTION CHIEF UPDATE: On April 12, 2021, Rob Viehl started as the new Section Chief of the Stream and Lake Protection Section. Rob has worked for the CWCB since 2006, working for the Finance Section for one year and then transferring over to the Stream and Lake Protection Section. Rob's knowledge of and experience with all aspects of the Instream Flow Program, coupled with his ability to see potential policy implications of strategies and decisions, will enable him to excel in this position. The Section and agency are excited for this new chapter in Rob's career.

STREAM AND LAKE PROTECTION SECTION STAFF RECEIVE USFS 2020 NATIONAL RISE TO THE FUTURE AWARD: The Himes Creek Instream Flow Project Team of the San Juan National Forest is this year's recipient of the U.S. Forest Service's Collaborative/Integrated Aquatic Stewardship Award. CWCB staff members Linda Bassi, Rob Viehl, Brandy Logan, and Kara Scheel, along with Jen Mele and Marc Sarmiento of the AG's Office, are members of this Team. Other Team members include USFS personnel (Andrea Rogers, Polly Hayes, Bill Janowsky, Kelly Palmer, and Kara Chadwick), Trout Unlimited (Buck Skillen), and Colorado Parks and Wildlife (Jim White, Kevin Rogers, and Katie Birch). The Team collaborated on achieving critical aquatic habitat protection for a distinct lineage of Colorado River cutthroat trout, native to the San Juan River Basin and once thought to be extinct. Working within the confines of Colorado law, the Team's integrated efforts resulted in the CWCB's appropriation and adjudication of the Himes Creek instream flow water right to protect trout habitat on San Juan Forest lands. The Rise to the Future Awards Ceremony will be held virtually on May 26, 2021.

~ WATER CONSERVATION AND DROUGHT PLANNING UPDATES ~

CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGF) UPDATE:

No grant applications have been received since the March 2021 Director's Report

No grants have been approved since the March 2021 Director's Report

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

- **University of Colorado-Denver** – Removing Barriers: Building Capacity to Implement Critical Water Conservation & Efficiency Programs – *75% Progress Report*
- **Crested Butte South Metropolitan District** – Water Efficiency Plan – *75% Progress Report*
- **Town of Hudson** – Water Efficiency Plan – *50% Progress Report*
- **Tri-County Water Conservancy District** – Water Efficiency Plan – *50% Progress Report*
- **Town of Windsor** – Drought Management Plan – *25% Progress 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 new plans have been approved since the last board meeting.

Drought Management Plans in review

- City of Durango

WATER EFFICIENCY PLANS

Approved Plans

- City of Sterling

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

- City of Lamar
- Arvada
- Meridian Metropolitan District
- Town of Erie

Water Efficiency Plans in review

- **Pueblo Board of Water Works**

(Kevin Reidy & Ben Wade)

GOVERNOR'S WATER AVAILABILITY TASK FORCE: The next Water Availability Task Force meeting will be held on May 25 from 9:30a-11:30a. Please check the website (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) for additional information.

(Ben Wade)

CO WATER LOSS INITIATIVE: The consultant team, Cavanaugh and Associates and Water Systems Optimization, is under contract for Phase II of the Colorado Water Loss Initiative. Kevin will be working with the team to set up a kick off meeting and bringing our partners back together to plan our Phase II.

(Kevin Reidy)

LAND/WATER PLANNING NEXUS:

- The latest round of applications for the Colorado Growing Water Smart Program (Sonoran Institute) closed on February 15, 2021. There are 8 applicants for this round with the virtual workshops taking place on May 20th, 25th and 27th.
- 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 core team has been working on defining what the plan will cover and what goals the plan should address.
- The Water and Land Use Alliance met on 4/14/21. CWCB staff used this meeting as a workshop for water plan outreach on the water efficiency and land use sections of the water plan. The group was very engaged and we were able to pull a lot of interesting themes and ideas from the meeting. Kevin is sorting through the notes at present and putting them into an organized document for the next steps in the water plan drafting.

(Kevin Reidy)

~WATERSHED AND FLOOD UPDATES~

Colorado Watershed Restoration Program Grant Shapefile

With nearly 200 projects being funded through the Colorado Watershed Restoration Program grant, it's become imperative for these to be represented spatially so that we can accurately assess where projects

are being funded throughout the state. Staff have been working to create a shapefile of these projects that is similar to the Colorado Water Plan grant shapefile previously created. Attributes included with the spatial data include whether each project has received other CWCB funding, specifically from the Colorado Water Plan grant program or from the Water Supply Reserve Fund, and how much from each source. Also added are project types for each project that are consistent with the implementation project recommendation types compiled from the Stream Management Plan efforts throughout the state.

Once this shapefile is completed, it will be used to create a StoryMap for the Colorado Watershed Restoration Program, similar to the StoryMap that was created for the Colorado Water Plant grant program, which can be found here:

<https://storymaps.arcgis.com/stories/a01168e91109481991c3f9a14e58212c>, and is linked to from here: <https://cwcb.colorado.gov/loans-grants/colorado-water-plan-grants>.

(Andrea Harbin Monahan)

Post-Fire Watershed Restoration Grant Funding Continues to Move Forward

With all the attention placed on Colorado's record setting wildfire year of 2020, work continues to progress to establish funding for restoration projects associated with the damages from the fires. The three largest fires in Colorado history all occurred in 2020 with a few others that were also very impactful to nearby stakeholders.

First out of the gate is SB 21-054, which provides \$4M for watershed restoration funding associated with recovery from the 2020 fires. This legislation transferred the \$4M from the General Fund to the Colorado Watershed Restoration Program (CWRP). In addition, the bill provided \$6M for forest restoration and wildfire risk mitigation grant. Applications have already been received for this funding.

Staff is anticipating a further \$5M to further fund the CWRP on July 1st. As of the date of this writing, it is not yet known what legislative vehicle will be used to allocate this funding.

Finally, SB 21-240 is currently being debated. This standalone bill will provide further funding for restoration projects associated with the 2020 wildfires and economic stimulus. This funding will target reimbursement of the non-federal cost share associated with the Emergency Watershed Protection Program administered by the NRCS. These projects come with a 20% or 25% non-federal cost share depending on the fire incident. This bill will also provide for a \$500,000 for the Watershed and Flood Protection Section to study wildfire risk and anticipated impacts to populations and water supplies and develop a plan to prioritize targeted mitigation projects that are most impactful in reducing these risks. As of the date of this writing, certain details are still being worked out, such as the final amount of the legislation and whether pre-award costs will be eligible for reimbursement.

(Kevin Houck)

Federal Disaster Declaration, Colorado Wildfires DR-4581-CO: NFIP Post-Fire Flood Team

As reported in the March Director's Report, the CO Division of Homeland Security and Emergency Management has stood up an operations team to coordinate the state's activities in regards to DR-4581.

As a member of the post-fire team's Community Education & Outreach Team, this office participated in 4 public webinars - 2 on the topic of Flood After Fire and 2 on the topic of Wildfire Preparation & Recovery. Presenters included experts from FEMA, the U.S. Forest Service, NRCS, the Rocky Mountain Insurance Assoc., as well as representatives from CO DHSEM, CWCB, and Larimer and Boulder Counties. These webinars were well received with over 100 attendees from the various wildfire impacted counties during each presentation. The recorded webinars are currently available on the CWCB website.

Additional public outreach was conducted with the distribution of Flood After Fire informational posters to retail locations and U.S. Post Offices in Larimer and Boulder Counties in April. The same posters were re-distributed to locations in Grand County the first week of May and will continue to be displayed for several weeks.

(Doug Mahan)

Grand County Joins the National Flood Insurance Program (NFIP)

On April 29, 2021, Grand County was recognized as a participating member in the National Flood Insurance Program. This office and FEMA Region VIII participated in meetings with the Grand County Board of Commissioners in February, March, and April, providing information about the NFIP and addressing questions and concerns from the Board. Additionally, we worked closely with the County's emergency manager, community development director, and planning commission as they drafted floodplain development regulations and management processes/procedures. We congratulate the County on their decision and look forward to continuing our partnership.

Although the urgency created by the potential flooding risk from last year's East Troublesome wildfire may have contributed to the County's decision, this achievement was many years in the making and is the result of the hard work of CWCB staff, past & present, and the direct support of CWCB and DNR leadership.

(Doug Mahan)

Flood Threat Bulletin Returns for the 2021 Flood Season –

The daily Flood Threat Bulletin prepared by a consultant under contract to the CWCB began its 16th 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 nine 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 received a major update this year, with burn scar specific forecasts on their own page. A voluntary email listserve signup is 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 the new 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)

The Letters of Map Revision (LOMR) Review Partners Program

Since the program launched on 3/22/2021, we have received 7 cases: three LOMRs and four CLOMRs. The majority of these cases are for revisions taking place in the Front Range communities, such as Jefferson County, Douglas County and Weld County. More updates to come soon!

(Terri Fead)

May 2021 Risk MAP Project Updates by Major Water Basin

North Platte – No work being conducted in this area.

South Platte – Park, Jefferson, Gilpin, Boulder, Larimer, Weld, Morgan, Washington, Sedgwick, and Logan Counties have ongoing studies (though some are managed/led by the Mile High Flood District, or MHFD):

- Weld County: The 90-day Appeal Periods end this May 2021. We have received a few appeals to date that are being addressed by FEMA.
- CHAMP Physical Map Revision, Phases 1-2: The CWCB was able to leverage \$929,729 from FEMA to continue CHAMP through the FEMA regulatory process. This study involves analyzing streams across seven counties in central and northeast Colorado and will include 233 FIRM panel updates. The remaining counties being studied include Boulder, Gilpin, Weld, and Larimer.
 - o Boulder County: The second appeal periods for the study began on February 3 and 4, depending on community. We have received several appeals for various jurisdictions, and the appeal period is ending May 3 and May 4. Post preliminary process will begin soon.
 - o Larimer County, Cache la Poudre additional studies, and Big Thompson River study: Larimer County preliminary mapping was distributed January 26, 2021. Communities provided

feedback on the mapping and some changes were made especially in the Fort Collins and Loveland areas. Public meetings have been held for larger communities in Larimer County, and Fort Collins has their open house meeting on May 12, 2021. All is on track to reach the appeals process in late May or June timeframe.

- The St. Vrain Risk Map phase 3: Project continues from its original funding in FY16. Gilpin County's appeal period ended on March 24, 2021. Only one appeal was submitted that was handled as a comment (did not meet the appeal criteria).
- Elbert and Park Counties Base Level Engineering (BLE): BLE is a wide scale, automated approach to analyzing flood risk order to provide communities with an initial overview of the hazard at the local level, but it is not a regulatory product.
 - o Elbert County: Hydraulics being worked on. Targeting the Discovery meeting for summer 2021.
 - o Park County: Targeting the Discovery meeting for summer 2021. Currently moving to quality checking/quality assurance.

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

- Mesa County Phase 2: Hydrology is being worked on at the countywide level. Survey is being collected for streams
- Flood Risk Information System (Mesa County): Moving forward with beta testing and getting the last few user testing comments incorporated/fixed.
- Grand Junction Levee (Mesa County): Levee walk/in person assessments took place in April. Team currently working on processing the information collected and preparing the levee report.
- Eagle County Physical Map Revision Phases 2-3: Working towards the Resilience meeting but no date set yet (though likely will take place in mid-May).
- Garfield County Phase 2-3: The project had been on hold pending resolution of some hydraulic data tie-in issues with older flood risk information. We met with the local communities to coordinate on the rescoping of work, and have obtain concurrence on a revised method from most communities. We will follow up with FEMA staff to amend our existing grants and obtain additional funding to complete this effort.

Gunnison/Uncompahgre – Delta, Gunnison, Hinsdale, San Miguel, and Ouray Counties have ongoing studies:

- Delta County Phase 2-3. Floodplain mapping was submitted to FEMA for review and the QA/QC process came back to us so we could address the comments. The resubmittal will go back to FEMA this month.

- Upper Gunnison Phases 2-3: This project is being continued under new grants (since the original FY15 grant), part of which are covered by state funds such as the Hinsdale County Partial Countywide Revision. The Gunnison Physical Map Revision process is being covered by FEMA FY19 funds.
 - o Hinsdale County: Floodplain mapping was resubmitted to FEMA in early April (following feedback received), and was approved in late April. Preliminary DFIRM distribution will follow soon.
 - o Gunnison County: No major updates since the last report. Another meeting with the County on the study status and some discussion of ongoing projects took place in late April. Some sensitive industrial park areas with flood risk were discussed, as well as construction plans.

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

- Rio Grande River hydrology: The hydrology CLOMR was approved by FEMA on 4/30/2021.
- City of Alamosa levee: The final report and deliverables discussion meeting will take place between CWCB, our contractor, and the City on 5/6/2021.
- Costilla County: The DFIRM database for preliminary mapping distribution is being developed. Some issues have come up regarding a new FEMA tool that automates mapping and is required to use for this phase of a project, but coordination is taking place to resolve said issues.
- Mineral County: The LOMR submission is still likely to take place under the current contract/project. A flood risk review meeting, National Flood Insurance Program refresher session, and levee project summary meeting is taking place on 5/4/2021 in Creede, CO. Our CWCB flood mapping program staff will travel in person to support the effort, with others from FEMA, our contracting team, and stakeholders will be calling in via Zoom.

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

- Arkansas River Physical Map Revision: The Physical Map Revision (PMR) effort is complete and the projects for the counties along the Arkansas River are being continued under their own countywide study grants. Phases 3-4 of the project are being handed to a different contractor for Prowers County only.
- Lake and Chaffee BLE: Lake County's BLE work was submitted in late April. Chaffee The BLE review and Phase 2 kickoff meeting took place on 4/22/2021 in Salida, CO. The hydraulics submittal for Chaffee will happen shortly after we receive community concurrence from the Chaffee jurisdictions, once they have a chance to review the material we shared with them at the meeting in April.

- Custer and Fremont BLE: The BLE review meetings will take place around Spring/Summer of 2021. No major update since last report.
- Huerfano BLE: Discovery meeting held and responses to communities' questions and comments were sent out also. We are planning to hold a Phase 2 kickoff meeting in late May.
- Bent and Otero BLE, and CHAMP 3 Phase 2 projects: Moving along with the BLE modeling. Flood risk review meeting likely to be held in July 2021.
- Las Animas (Bent County) Pre-Levee: Site visit took place late April. Currently working on processing the information and preparing the levee report.
- Granada/Holly (Prowers County) Pre-Levee: Levee report submitted to FEMA for review on 3/29/2021 and currently awaiting comments/feedback.
- Prowers and Las Animas BLE projects: The *Prowers County* models were submitted to FEMA for review, and a final project report will be done in early May. The *Las Animas County* models are in progress, and a review meeting likely won't take place until summer 2021.
- El Paso BLE/Phase 2 and Templeton Gap (T-Gap) pre-levee work: Field survey and hydrology in progress. Coordinating with Colorado Springs and El Paso County. Working on a revised County memorandum of agreement and presentation for communities. The Templeton Gap levee work will be continued using FEMA FY21 funds.
- Teller County BLE/Phase 2: Still working on hydraulics. Hoping to get as-builts for the Cripple Creek area to refine the hydraulic modeling.

Yampa/White – Rio Blanco, Routt, and Moffat Counties have ongoing studies:

- Upper Yampa River hydrology: We are still waiting on FEMA approval for the submitted hydrology Conditional Letter of Map Revision (CLOMR).
- Upper White Watershed/Rio Blanco County Additional Studies: Moving towards the Letter of Final Determination (LFD) phase. Will reach this stage on 6/2/2021, so that effective mapping will take place on 12/2/2021.

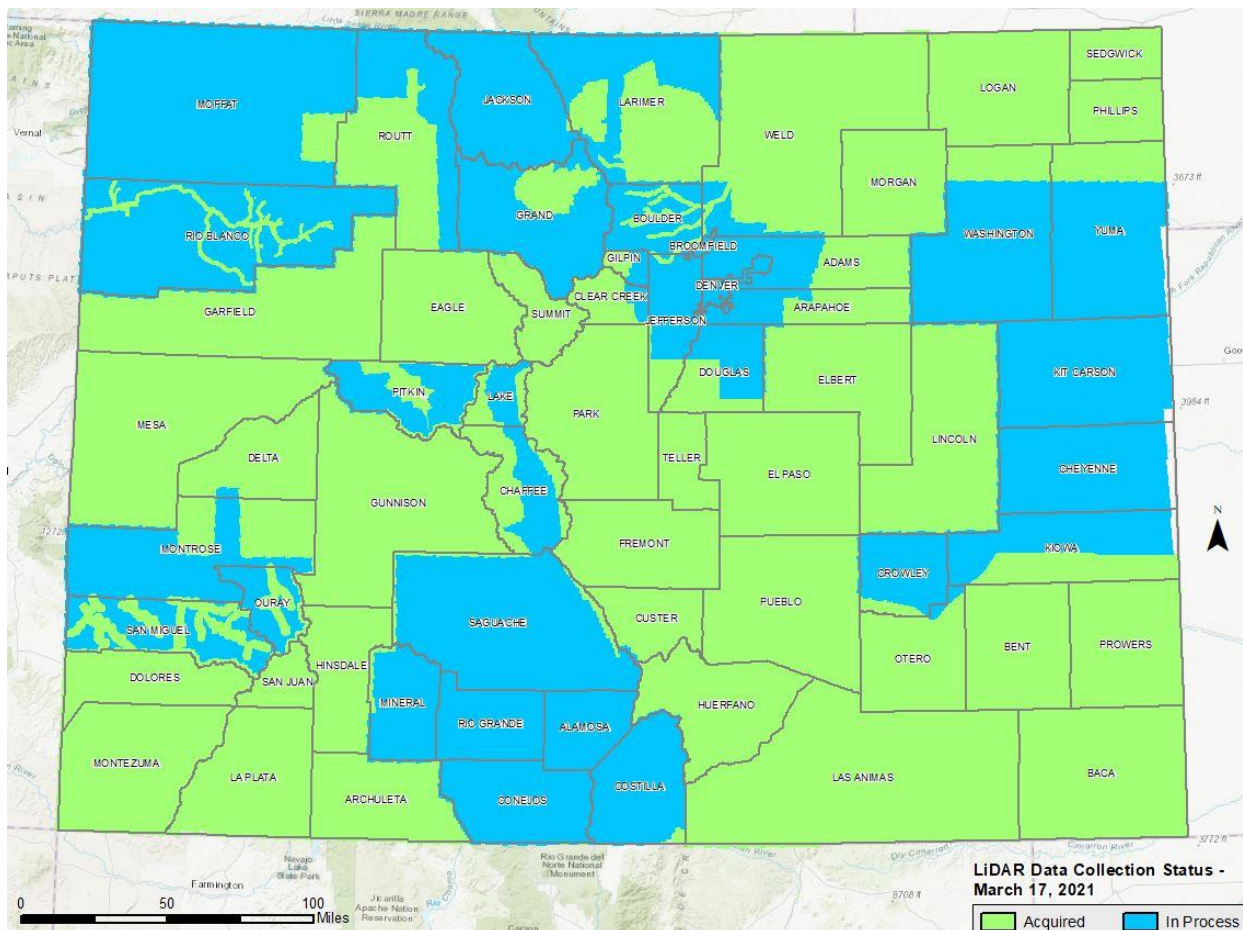
San Miguel/Dolores/Animas/San Juan – La Plata, Montezuma, Archuleta, and San Juan Counties, along with the Southern Ute Tribe, have ongoing studies:

- Animas Watershed Phases 2-3: Held the CCO meeting and several of the public meetings for San Juan County and communities, and the Southern Ute Indian Tribe. Archuleta County's public meeting will take place on 5/6/2021 and we are planning for La Plata County and communities' meeting soon.
- Southwest Colorado (Montezuma, Dolores, San Juan, La Plata, Archuleta, Hinsdale, and Mineral Counties) BLE: Working through BLE. No major update. Targeting Discovery for fall 2021.

Multi-Watershed Risk Map Projects:

- CHAMP 3 Phase 2 (also see: Arkansas projects, and the Rio Grande River hydrology work for related information): Bent and Otero Counties addressed under the Arkansas Basin projects. Costilla County addressed under the Rio Grande Basin. *Ouray County's* floodplain mapping deliverable was submitted on 4/6/2021 and we are awaiting comments from FEMA. *San Miguel County* work is on hold due to some ongoing discussions with the Town of Telluride, for the valley floor restoration project they are undertaking that is changing the floodplain in the area. More details to come soon.
- CHAMP 3 Phase 3 (also see: Rio Grande River projects): Mineral County addressed under the Rio Grande Basin. *Moffat County/City of Craig* hydraulics are underway and we expect a July 2021 data submittal to FEMA, and the hydrology package was resubmitted on 4/27/2021. *Lincoln County* hydraulics submittal package was resubmitted late April and is being reviewed by FEMA. *Phillips County* hydraulics package came back with comments from FEMA and was resubmitted late April.
- 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 2016 grant money was used to leverage an additional \$1 million from the USGS to supplement a late spring 2018 LiDAR acquisition in Eastern Colorado. This data has been collected and final deliverables are now available by request on the Colorado Hazard Mapping website (www.coloradohazardmapping.com). The FY18 grant funded LiDAR in northeastern and southeastern corners of Colorado. Other LiDAR collection tasks that were recently completed included the Southwest CO data collection, led by the USGS. The rest of the state LiDAR is currently being acquired and going through final QA-QC through 2021. This will also include the DRCOG LiDAR project (for the Denver Metro Area data collection).
 - DRCOG area LiDAR going through final QA-QC. Full/finalized datasets not available until summer/fall 2021.
 - San Luis Valley/San Miguel/Pitkin County area LiDAR - Final deliverables expected late 2021 at the earliest (but likely in 2022).
 - Eastern CO Plains: Some preliminary LAS data available via USGS' FTP site. Final deliverables likely to be posted on The National Map by late 2021.
 - Northwest CO Project: USGS likely won't have the final deliverables for this project area until summer of 2022.

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



(Terri Fead and Marta Blanco Castano)

SPECIAL RELEASE of COLORADO WATERSHED RESTORATION PROGRAM UPDATE

The Colorado Watershed Restoration Program (CWRP) is designed to provide planning and project implementation funding for watershed and stream restoration and protection efforts. The program supports stakeholder driven collaboratives committed to restoring and protecting the ecological processes that connect land and water. The Special Release CWRP guidance document and application for recovery from fires in 2020 was approved by the Board in March of 2021.

Applications for the program were first due on April 22nd. Subsequent applications are due the first Thursday of every month thereafter until available funds are depleted. CWCB staff selects the projects to fund from applications that best meet the basic applicant qualifications and evaluation criteria. An evaluation team reviews the applications and recommends projects for funding. The evaluation team consists of three staff members. The CWCB Director has approval authority for funding recommendations.

On May 5, 2021 CWCB staff met to discuss the 4 applications submitted for funding on April 22, 2021. Two applications for flood early warning systems were submitted by Larimer County for the Cameron

Peak Fire. These applications were recommended and approved for full funding of \$200,000. Another application for implementation of a landscape scale mulching program, staffing, monitoring, early warning system installation, and outreach & education was submitted by the Coalition for the Poudre River Watershed for the Cameron Peak Fire. The total request was \$3,143,294. Staff recommended partial funding of \$1,500,000. Staff anticipates further funding for the application with other funding sources pending the passing of proposed watershed stimulus legislation. The recommendation was approved. The last application was submitted by Boulder County for implementation of a landscape scale mulching program in the Calwood Fire burn area. The application was recommended and approved for full funding of \$550,000.

On May 6, 2021, two applications were submitted for funding fire recovery efforts in the East Troublesome and Grizzly Creek Fires. Staff will review and recommend funding amounts over the next two weeks. The Northern Colorado Water Conservancy District and Grand County submitted a joint application for \$24,795,624, and the Middle Colorado Watershed Council submitted an application for \$301,676. The Northern application includes a request for over \$15,000,000 for the federal cost share associated with the NRCS Emergency Watershed Protection (EWP) program. This element of the project has not been approved by the NRCS. It is currently unknown if the NRCS will allow this as an eligible program expense.

(Chris Sturm)

~WATER SUPPLY PLANNING SECTION UPDATES~

The Water Equity Task Force will have its first meeting on May 18th with the twenty-one members of the task force. Details and the zoom link are available on the website and engagewcwb.org for those who would like to listen in to the meeting. Comments or questions for the task force can be submitted ahead of the meeting through engagewcwb.org or by emailing sara.leonard@state.co.us.

The Basin Implementation Plan drafts are in the finishing stages and will be completed by the end of June this year. These drafts will go through a series of internal and external reviews and revisions and be finalized in January 2022. We want to thank all the roundtables for their hard work on these plans!

Water Plan update scoping workshops have been underway since March of this year and will continue into early June. In that time, staff have organized and hosted 9 workshops on a wide range of topics, totaling over 21 hours of workshop time, including about 40 speakers and several partner organizations, and involving over 600 participants. These scoping workshops are one way staff are gathering input from stakeholders and they will share some of the themes they've heard at our June 8th Riverside Chat II, which we encourage you to listen in on.

Drought update - Conditions continue to look dry for all of the west slope and especially in the southwest portion of the state. In the Northern and Front Range portions of the state spring precipitation has greatly improved conditions as of the May 6 drought monitor report.

~INSTREAM FLOW ATTACHMENTS~

- 01 Instream Flow and Natural Lake Level Program Summary of Resolved Opposition Cases

~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
- 05 Construction Fund, Special Funds and Severance Tax Funds Non-Reimbursable Investments Status Report Fiscal Year 2020-2021

**May 19-20, 2021 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, using three different mechanisms. Staff: (A) stipulated in four cases in which CWCB had filed Statements of Opposition; (B) obtained an agreement via a letter-in-lieu of filing a Statement of Opposition in six cases; and (C) sent a courtesy notice letter in one case to the Division Engineer's Office to point out potential exemptions pursuant to §§37-92-102(3)(b) and 37-92-502(2)(c) C.R.S. (2021).

A. STATEMENTS OF OPPOSITION

(1) Case No. 19CW3086 (Water Division 2) - Application of Jerry and Julianna Henderson, Larry Knowles, Hartmut and Isabel Koelsch, The Lee R. Wheeler Living Trust dated March 20, 2002, Thomas and Karen Laier, and Delbert and Janet Jones

The Board ratified this Statement of Opposition at its March 2020 meeting. Applicant sought water storage rights, direct flow water rights, changes of water rights and an approval of a plan for augmentation. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water rights will not be injured. The Court entered a decree on April 20, 2021 in this case.

The CWCB holds instream flow water rights, including the following, in Water Division 2 in the Arkansas Headwaters watershed that could be injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
80CW0071 (Div. 2)	Three Elk Creek	headwaters in vicinity	confl Arkansas River	4 (1/1 - 12/31)	05/07/1980

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

- "For the purposes of this case only, the parties agree as follows: (1) Three Elk Creek is not in connection with the groundwater table in the vicinity of the Mountain Ditch Ponds and historically irrigated area; and (2) Deep percolation groundwater return flows and ditch loss accrued to Three Elk Creek near its confluence with the Arkansas River."
- "Pursuant to C.R.S. §37-92-102(3)(b), CWCB and Applicants recognize that the CWCB's Case No. 80CW71 instream flow right is subject to the Mountain Ditch Ponds' absolute appropriations confirmed herein and the Mountain Ditch, Mountain Ditch Ponds

Enlargement's 0.5 c.f.s. during the irrigation season (generally April through October) and 0.33 c.f.s. after the irrigation season (generally from November through March) absolute appropriation confirmed herein, as these water rights were perfected prior to May 7, 1980, and were therefore a present use of water pursuant to appropriations or practices in existence on the date of the instream flow appropriation."

- "CWCB's Case No. 80CW71 instream flow rights are not, however, subject to the Mountain Ditch, Mountain Ditch Ponds Enlargement's conditional 2019 appropriation for irrigation use confirmed herein."
- "The recognition of Applicants' practices of filling and maintaining water levels in the Mountain Ditch Ponds, and of flowing Mountain Ditch, Mountain Ditch Ponds Enlargement water through them, under section 37-92-102(3)(b), C.R.S. (2020), will not interfere with the administration of CWCB's instream flow water rights in-priority as against other water rights, including the Mountain Ditch, Mountain Ditch Ponds Enlargements' conditional 2019 appropriation for irrigation use confirmed herein, and will not constitute a general subordination of the CWCB's instream flow water rights to any other junior water rights."

(2) Case No. 19CW3112 (Water Division 5) - Application of Highland Investment Co., LLC

The Board ratified this Statement of Opposition at its November 2019 meeting. Applicant sought groundwater rights, storage rights and associated diversion right, a plan for augmentation, 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. A 4-day trial is set for May 2, 2022. The case remains open before the water court judge.

The CWCB holds instream flow water rights, including the following, in Water Division 5 in the Colorado Headwaters watershed that could be injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
11CW159-161	Colorado River	confl Blue River	pt immed u/s of confl Eagle River	500 -900 (Dates Vary)	07/12/2011
80CW446-448	Colorado River	hdgt Windy Gap Project div	confl Blue River	135 (1/1 - 12/31) 90 -150 (1/1 - 12/31)	07/08/1980
90CW293	Pole Creek	confl Skunk Creek	confl Crooked Creek	2 (7/1 - 7/31) 1.5 (8/1 - 8/31) 3 (4/1 - 6/30) 1 (9/1 - 3/31)	11/27/1990
90CW296	Crooked Creek	confl Pole Creek	confl Fraser River	2.75 (10/1 - 4/14) 8 (4/15 - 8/14) 4 (8/15 - 9/30)	11/27/1990
90CW308 & 90CW315	Fraser River	confl St Louis Creek	confl Colorado River	17 & 30 (5/15 - 9/15) 11 & 19 (9/16 - 5/14)	11/27/1990

After clarifying some of the claims and operation of the plan, and in addition to standard terms regarding measuring devices, accounting and retained jurisdiction, the Applicant has agreed to the following additional protective terms and conditions:

- “13.h. CWCB ISF Protection under Augmentation Plan: To prevent injury to the CWCB’s instream flow (“ISF”) water rights, the following conditions apply:
 - i. Terms and Conditions for Protection of 90CW315 ISF: The ISF water right decreed in Case No. 90CW315 is on a reach of the Fraser River located, in part, between the location where the Return Flows are delivered to the Fraser River and the location where depletions accrue to the Fraser River. (See **Exhibit D**). Accordingly, if a valid call is placed for the ISF decreed in Case No. 90CW315 and administered against the Highland Well Nos. 1-3, all lagged out-of-priority depletions caused by pumping the Highland Well Nos. 1-3 must be augmented without being offset by Return Flows using replacement water from the Highland Augmentation Pond Storage Structure, or from another source upstream of said depletions and added to this augmentation plan pursuant to paragraph 13.i, below. If a valid call is placed for the ISF decreed in Case No. 90CW315 and administered against the Highland Augmentation Pond, no surface water shall be stored or collected in the Highland Augmentation Pond during that call whether via the Highland Augmentation Pond Diversion Structure, Highland Augmentation Pond Exchange, surface water runoff, drainage, and/or irrigation wastewater from neighboring lands, unless it is fully augmented, without being offset by Return Flows, using augmentation water from a source upstream of the confluence of the Fraser River and the unnamed tributary to the Fraser River referenced in paragraph 10.a.i, above, and added to this augmentation plan pursuant to paragraph 13.i, below.
 - ii. Terms and Conditions for Protection of the Upper Segment 90CW308 ISF: The ISF water right decreed in Case No. 90CW308 has an upper segment and a lower segment, with the upper segment located on the Fraser River between the confluence with Ranch Creek and the confluence with Crooked Creek (“Upper Segment”), and the lower segment located on the Fraser River below the confluence with Crooked Creek (“Lower Segment”). The Upper Segment is below where the Return Flows are delivered to the Fraser River but upstream of where the Rich Ditch and PCMR1 augmentation sources enter the Fraser River. (See Exhibit D).
 - 1. To the extent the Upper Segment of the 90CW308 ISF places a valid call administered against Highland Well Nos. 1-3 and the 90CW315 ISF is not placing such a call, all lagged out-of-priority depletions caused by pumping the Highland Well Nos. 1-3 after being offset by Return Flows must be augmented with replacement water from the Highland Augmentation Pond Storage Structure, or from another source upstream of said depletions and added to this augmentation plan pursuant to paragraph 13.i, below.
 - 2. To the extent a valid call is placed for the Upper Segment of the 90CW308 ISF and administered against the Highland Augmentation Pond and the 90CW315 ISF is not placing such a call, no surface water shall be stored or collected in the Highland Augmentation Pond during that call whether via the Highland Augmentation Pond Diversion Structure, Highland Augmentation Pond Exchange, surface water runoff, drainage, and/or irrigation wastewater from

neighboring lands, unless it is fully augmented, after being offset by any Return Flows that are in excess of the amount offsetting well depletions, using augmentation water from a source upstream of the 90CW308 ISF and added to this augmentation plan pursuant to paragraph 13.i below.

3. At any time the 90CW315 ISF and the Upper Segment of the 90CW308 ISF are both placing a valid call administered against Highland, only paragraph 13.h.i applies. Paragraph 13.h.ii. does not apply to a call placed by the Lower Segment of the 90CW308 ISF which is located below where the Rich Ditch and PCMR1 augmentation sources enter the Fraser River.”

(3) Case No. 19CW3154 (Water Division 1) - Application of Mountain Mutual Reservoir Company

The Board ratified this Statement of Opposition at its November 2019 meeting. Applicant sought to add replacement supplies and requested approval of appropriative rights of substitution and 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.

The CWCB holds many instream flow water rights in Water Division 1 that could be injured by this application.

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 exchange project rights listed in Claims Nos. 2 and 3 at paragraphs 9 and 10 of this Decree and approved herein are to be administered pursuant to an appropriation date of July 31, 2019. The exchange project rights approved herein are subject to the call of other water rights, including decreed exchanges and exchange project rights within all or portions of the same exchange reach, and may only call out water rights junior in priority to the date of the exchange project rights. These exchange project rights may only operate at such times when they are in priority and all water rights within the exchange reach are satisfied, including (1) CWCB’s decreed instream flow water rights senior to the exchange project rights decreed herein; and (2) other decreed rights of exchange, senior to the exchange project rights.”

(4) Case No. 20CW3013 (Water Division 4) - Application of JAK Ventures, LLC

The Board ratified this Statement of Opposition at its July 2020 meeting. Application sought underground water rights, change of water rights, and approval of a plan for augmentation. Staff, in cooperation with the Attorney General’s Office, has negotiated a settlement to ensure that the CWCB’s instream flow water rights will not be injured. The Court entered a decree on May 3, 2021 in this case.

The CWCB holds instream flow water rights, including the following, in Water Division 4 in the Lower Gunnison watershed that could be injured by this application:

Case Number	Stream	Upper Terminus	Lower Terminus	CFS Rate (Dates)	Approp. Date
14CW3093 (Div. 4)	East Creek	confl North East Creek	East Creek Ditch hdgt	1.6 (3/15 - 6/30) 0.25 (7/1 - 3/14)	01/28/2014
14CW3092 (Div. 4)	East Creek	East Creek Ditch hdgt	confl Gunnison River	1.6 (3/15 - 5/31)	01/28/2014

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

- “To resolve the Statement of Opposition filed by Objector Colorado Water Conservation Board (“CWCB”), Applicant has agreed that the East Creek Ditch and the Star Enlargement of the East Creek Ditch water rights as changed in this Ruling of Referee and Decree shall be subject to the following terms and conditions:
 - i. Applicant understands and acknowledges that certain portions of the flowrates associated with the East Creek Ditch senior water right and Star Enlargement of the East Creek Ditch junior water right remain unchanged and only those flowrates owned by Applicant and described in paragraphs 7 and 8, above, are changed from irrigation to augmentation use in this case. In Case No. 11CW32, 77 of the 80 acres historically irrigated by the East Creek Ditch water rights were dried up and removed from irrigation. Consequently, except during periods when there is no downstream call, diversions into the East Creek Ditch shall be limited only to those portions of the East Creek Ditch water rights associated with the 3 acres which were not changed in Case No. 11CW32 or this case and remain available for irrigation. Applicant does not own any of the unchanged flowrates associated with either the senior East Creek Ditch water right or the junior Star Enlargement of the East Creek Ditch water right.
 - ii. The priority date of the Gunnison River Gravel Pit No. 1 is junior to the CWCB’s instream flow water right decreed in Case No. 14CW3092 (“14CW3092 ISF”) and shall be administered accordingly. The 14CW3092 ISF is not subject to the Gunnison River Gravel Pit No. 1 under Section 37-92-102(3)(b), C.R.S. (2020), as a present use of water in existence on the 14CW3092 ISF’s appropriation date, because the 14CW3092 ISF was appropriated in 2014, and water was first applied to beneficial use under the Gunnison River Gravel Pit No. 1 water right in 2019. The 14CW3092 ISF is decreed for 1.6 c.f.s. in East Creek between the headgate of the East Creek Ditch and the confluence of East Creek and the Gunnison River from March 15 through May 31 each year. During that period, Gunnison River Gravel Pit No. 1 causes depletions in East Creek along a reach extending from a point approximately 375 feet upstream of the East Creek/Gunnison River confluence to the East Creek/Gunnison River confluence in the [following amounts: March 15 - March 31, 0.10af, 0.003cfs; April 1 - April 30, 0.33af, 0.006cfs; May 1 - May 31, 0.45af, 0.007cfs.
 - iii. If the CWCB places an administered call for the 14CW3092 ISF and water attributable to the East Creek Ditch water rights changed herein is not available to replace Gunnison River Gravel Pit No. 1’s depletions to East Creek, Applicant must replace those depletions by delivering water legally available for such use to East Creek at or above the location of such depletions described above.”

B. LETTERS-IN-LIEU

The following cases were resolved by Staff through negotiated letters in lieu of filing water court Statements of Opposition. This method of settlement is preferred when facts and time allow such negotiation before the Statement of Opposition period ends. In each case, CWCB staff will continue to monitor the proposed rulings and decrees. In each case, Applicant has agreed to not oppose a motion to intervene if the agreed upon terms are not included. The following were negotiated to resolution:

(1) Case No. 20CW3060 (Water Division 5) - Application of Dequine Family LLC

During the December 2020 Water Court Resume Review, CWCB staff identified concerns regarding potential injury to CWCB's instream flow water rights decreed in Case No. 10CW66, Water Division No. 5. This case was resolved with CWCB by a letter agreement, dated March 31, 2021, by which CWCB agreed not to file a Statement of Opposition, provided Applicant incorporates the following terms and conditions into any draft and final decrees and Applicant agrees to not oppose a motion to intervene by CWCB if such terms and conditions are not included.

- Dequine Family, LLC acknowledges CWCB holds an instream flow water right on Morrison Creek (Upper), decreed in Case No. 10CW66 ("2010CW66 ISF"). The Dequine Ditch Alternate Point of Diversion ("Dequine Ditch Alt. POD") is located within the stretch of the 2010CW66 ISF water right.
- In the event upper Morrison Creek is placed under administration as a result of CWCB placing a call on its 2010CW66 ISF water right, Dequine Family, LLC agrees diversions from the Dequine Ditch Alt. POD shall be curtailed during said call. Dequine Family, LLC agrees the cumulative rate of diversion for the Dequine Ditch and the Dequine Ditch Alt. POD shall not exceed 1.25 cfs at any time.
- Also, Dequine Family, LLC agrees the proposed Ruling and Decree will not include a statement like or similar to the following made in Paragraph 9 of the application: "There are no intervening water rights between the two points of diversion." With regard to the rest of the statement, as we discussed, it is accurate. The alternate point of diversion is part of the extensive irrigation system Dequine Family, LLC installed many, many years ago.

(2) Case No. 20CW3184 (Water Division 5) - Application of Daniel S. Barry

During the December 2020 Water Court Resume Review, CWCB staff identified concerns regarding potential injury to CWCB's instream flow water rights decreed in Case Nos. 80CW124 and 80CW126, Water Division No. 5. This case was resolved with CWCB by a letter agreement, dated March 25, 2021, by which CWCB agreed not to file a Statement of Opposition, provided Applicant incorporates the following terms and conditions into any draft and final decrees and Applicant agrees to not oppose a motion to intervene by CWCB if such terms and conditions are not included.

- When the CWCB's instream flow water rights on the Eagle River, decreed in Case Nos. 80CW124 and 80CW126, are unmet and being administered vis-à-vis the Barry Pond, water stored in Eagle Park Reservoir will be released to replace out-of-priority depletions

resulting from diversions to Barry Pond or diversions to Barry Pond will be curtailed. Additionally, aggregated releases should not be utilized as a replacement method at times when replacements are being made to the CWCB's instream flow water rights unless the Division Engineer deems that such aggregated releases are proper.

(3) Case No. 20CW3189 (Water Division 5) - Application of Dotsero MHP, LLC

During the December 2020 Water Court Resume Review, CWCB staff identified concerns regarding potential injury to CWCB's instream flow water rights decreed in Case Nos. 11CW161 and 80CW124, Water Division No. 5. This case was resolved with CWCB by a letter agreement, dated February 26, 2021, by which CWCB agreed not to file a Statement of Opposition, provided Applicant incorporates the following terms and conditions into any draft and final decrees and Applicant agrees to not oppose a motion to intervene by CWCB if such terms and conditions are not included.

- When the Colorado Water Conservation Board (CWCB) instream flow water right on the Eagle River, decreed in Case No. 80CW124, is unmet and being administered, augmentation water from the Colorado River Water Conservation District (CRWCD) Eagle River Supply Sources will be released upstream of the point of depletion to replace out-of-priority depletions resulting from pumping the Malpais Mobile Home Park Well, First Enlargement. In accordance with the standard operating procedures of the CRWCD, replacement water from the Eagle River Supply Sources will be released during the times that the CWCB instream flow right being is administered. Aggregated releases will not be utilized as a replacement method at times when releases of augmentation water are being made to the Eagle River to avoid injury to the CWCB's instream flow water right.

(4) Case No. 21CW3004 (Water Division 3) - Application of San Luis Valley Water Conservancy District

During the February 2021 Water Court Resume Review, CWCB staff identified concerns regarding potential injury to CWCB's instream flow water rights decreed in Case Nos. 80CW86, 80CW89, 80CW95, and 84CW160-163, Water Division No. 3. This case was resolved with CWCB by a letter agreement, dated April 28, 2021, by which CWCB agreed not to file a Statement of Opposition, provided Applicant incorporates the following terms and conditions into any draft and final decrees and Applicant agrees to not oppose a motion to intervene by CWCB if such terms and conditions are not included.

- CWCB holds instream flow water rights decreed in Case Nos. 80CW86, 80CW89, 80CW95, and 84CW160-163, on Kitty Creek, Hope Creek, Beaver Creek, and South Fork Rio Grande, respectively. The exchanges adjudicated herein are junior to CWCB's water rights and thus shall be curtailed to the extent necessary to prevent injury to the instream flow water rights when those rights are being administered within an exchange reach.

(5) Case No. 21CW3008 (Water Division 2) - Application of AngelView, LLC

During the February 2021 Water Court Resume Review, CWCB staff identified concerns regarding potential injury to CWCB's instream flow water rights decreed in Case No. W-4271(1975), Water Division No. 2. This case was resolved with CWCB by a letter agreement,

dated April 19, 2021, by which CWCB agreed not to file a Statement of Opposition, provided Applicant incorporates the following terms and conditions into any draft and final decrees and Applicant agrees to not oppose a motion to intervene by CWCB if such terms and conditions are not included.

- AngelView agrees to include the following term and condition in the decree in Case No. 21CW3008, Water Division No. 2: Augmentation replacements, including to the CWCB instream flow water right on Lake Creek decreed in Case No. W-4271, Water Division No. 2, will be made from a location upstream of the calling water right. To the extent that AngelView lacks sufficient augmentation supplies at the appropriate location to replace out of priority depletions, AngelView will curtail all storage in the ponds and allow the pond levels to drop commensurate with evaporation.

(6) Case No. 21CW3016 (Water Division 5) - Application of Patak Ranch LLC

During the December 2020 Water Court Resume Review, CWCB staff identified concerns regarding potential injury to CWCB's instream flow water rights decreed in Case Nos. W-2943A (1976), W-2943AB (1976), 92CW280, 92CW281, and 85CW646, Water Division No. 5. This case was resolved with CWCB by a letter agreement dated April 22, 2021, by which CWCB agreed not to file a Statement of Opposition, provided Applicant incorporates the following terms and conditions into any draft and final decrees and Applicant agrees to not oppose a motion to intervene by CWCB if such terms and conditions are not included.

- When any of the CWCB's instream flow water rights decreed in Case Nos. W-2943A (1976), W-2943AB (1976), 92CW280, or 92CW281 on Snowmass Creek, or Case No. 85CW646 on the Roaring Fork River are being administered within the exchange reach, Applicant's augmentation plan would be unable to replace to the call and therefore Applicant's water rights for Patak Pump and Pipeline, along with its APOD, and diversions into Patak Pond shall be curtailed.

C. LETTER to APPLICANT and DIVISION ENGINEER'S OFFICE- NO OTHER ACTION TAKEN

CWCB staff sent letters to the Applicants and/or the Division Engineer's Office ("DEO") in the following cases, for the purpose of notifying the Applicant and the DEO that some of the claimed water rights might qualify for C.R.S §37-92-102(3)(b) exemptions to priority water rights administration against some of CWCB's instream flow water rights.

(1) Case No. 21CW0002 (Water Division 6) - Application of Frederick B. Aurin, Jr.

During the January 2021 Water Court Resume Review, CWCB Staff sent a courtesy notice letter to Applicant with a copy to the DEO.

The letter states the following:

"CWCB staff noticed this application in the resume. It's a claim for new absolute junior water right on a tributary to the Elk River, but appears to have a 102-3-b use against the ISF on the Elk River. CWCB does not plan to file a statement of opposition in this case. We'd be happy to work with you on the 102-3-b claim, as appropriate. Please let us know if we can be of assistance."



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

Rebecca Mitchell, CWCB Director

TO: Colorado Water Conservation Board Members

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

Board Meeting: May 19-20, 2021 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:

- 1.10% - Agricultural
- 1.55% - Low-income Municipal
- 1.80% - Middle-income Municipal
- 2.00% - 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.





COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street, Room 718
Denver, CO 80203

P (303) 866-3441
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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 19-20, 2021 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
Roxborough Water & Sanitation District	Reservoir Rehabilitation	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 FIRMING (increase)	\$40,000,000
Cherry Creek Water Project Authority	Walker Pit	\$14,500,000
City of Loveland	Reservoir Enlargement	TBD
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
Subtotal		\$2,769,226,000



BORROWER	PROJECT NAME	POTENTIAL LOAN AMOUNT
Arkansas		
Oxford Ditch	Siphon Repair	\$1,800,000
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
Empire Lodge HOA	Water Rights Purchase	\$700,000
Lower Arkansas WCD	New Storage Account	TBD
Donala Water and Sanitation District	Ditch Construction	TBD
City of Colorado Springs	Irrigation System Improvements	\$3,500,000
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
Subtotal		\$22,500,000
San Miguel/Juan		
Town of Bayfield	Ditch Piping Project	\$500,000
Redmesa Reservoir and Ditch Co. (*)	Redmesa Reservoir Enlargement	\$8,500,000
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
Ratliff and Root Ditch Company (‡)	Ditch Piping Project	\$1,000,000
Lone Cone Ditch and Reservoir Company	Reservoir Rehabilitation	TBD
Town of Naturita	Water Meters	TBD
Town of Dove Creek	New Reservoir	TBD
Subtotal		\$20,000,000
Colorado		
Town of Breckenridge (*, ‡)	Goose Pasture Tarn Dam	\$10,000,000
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
Horse Pasture HOA	Ditch Piping Project	\$100,000
Gunther Covers	Christenson Dam	TBD
Town of Minturn	New Well Field	\$5,220,000
Subtotal		\$15,920,000



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	\$560,000
City of Ouray	Water Supply Pipeline	TBD
Grand Mesa Water Users Association	Reservoir Rehabilitation	\$600,000
Subtotal		\$2,600,000
North Platte		
Colorado Parks and Wildlife (*)	North Michigan Creek Reservoir	\$6,000,000
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
Trinchera Water Conservancy District	Water Rights Purchase or Lease	\$2,000,000
Town of Center	Water Meter Project	\$200,000
San Luis Valley WCD (†)	Shaw Reservoir Purchase	TBD
Colorado Parks and Wildlife	Alberta Park Dam Rehabilitation	\$4,000,000
Subtotal		\$22,200,000
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
Subtotal		\$105,600,000





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

Rebecca Mitchell, Director

To: Colorado Water Conservation Board Members

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

Board Meeting: May 19-20, 2021 Board Meeting

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

The CWCB Loan Program has Substantially Completed (13) projects in Fiscal Year 20/21 as shown in Table 1. There are currently (49) projects authorized to receive loan funding totaling \$391M. There are (39) projects currently under contract and in the Design/Construction phase totaling \$276M. 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. cwc.colorado.gov/loans-grants/water-project-loan-program

TABLE 1

	Borrower	Project	County	Loan Amount	Complete
1	Lower Arkansas Water Management Association	West Farm Gravel Pit Storage Purchase	Prowers	\$3,556,598	7/1/2020 (a)
2	Firestone, Town of	Storage Development & Water Rights Purchase	Weld	\$5,964,859	7/1/2020 (b)
3	CCWCD, Well Augmentation Subdistrict	Shores Lake Pond C Infrastructure Improvement	Weld	\$2,367,440	8/1/2020 (c)
4	Centennial Irrigating Ditch Co	Centennial Diversion Replacement	Rio Grande	229,060	8/1/2020
5	Missouri Heights Mountain Meadow Irrigation Company	Ditch Piping Phase B	Garfield	\$178,971	8/1/2020
6	Orchard Ranch Ditch Company	Orchard Ranch Ditch Pipe Project	Delta	\$136,677	9/1/2020
7	Schneider Ditch Company	Diversion Structure Replacement	Logan	\$1,161,902	10/1/2020
8	Den SE WSD dba Pinery W&WD	WISE Project DIA Connection	Douglas/Arapahoe	\$280,235	11/1/20
9	Central Colorado Water Conservancy District	Chatfield Reallocation Project - First Cost of Storage Contract	Arapahoe / Douglas / Park /	\$3,187,560	2/1/21
10	Left Hand Water District	Participation in Southern Water Supply Project II	Broomfield / Weld	\$10,000,000	2/1/21
*11	South Fork, The	Augmentation Water Purchase	Rio Grande	\$440,400	3/1/21
*12	St. Vrain & Left Hand WCD	Emergency Rock'n WP Ranch Lake No. 4 Repair	Boulder	\$3,238,613	3/1/21 (d)
*13	St, Vrain & Left Hand WCD	Lake No. 4 Outlet Pipeline Repair	Boulder	236,154	3/1/21
	* included in Director's Report		Total	\$30,978,070	

Fiscal Year 2020 - 2021 has added and preserved 7,875 acre-feet of reservoir storage; (a) 1,683; (b) 1,092; (c) 4,500; (d) 600

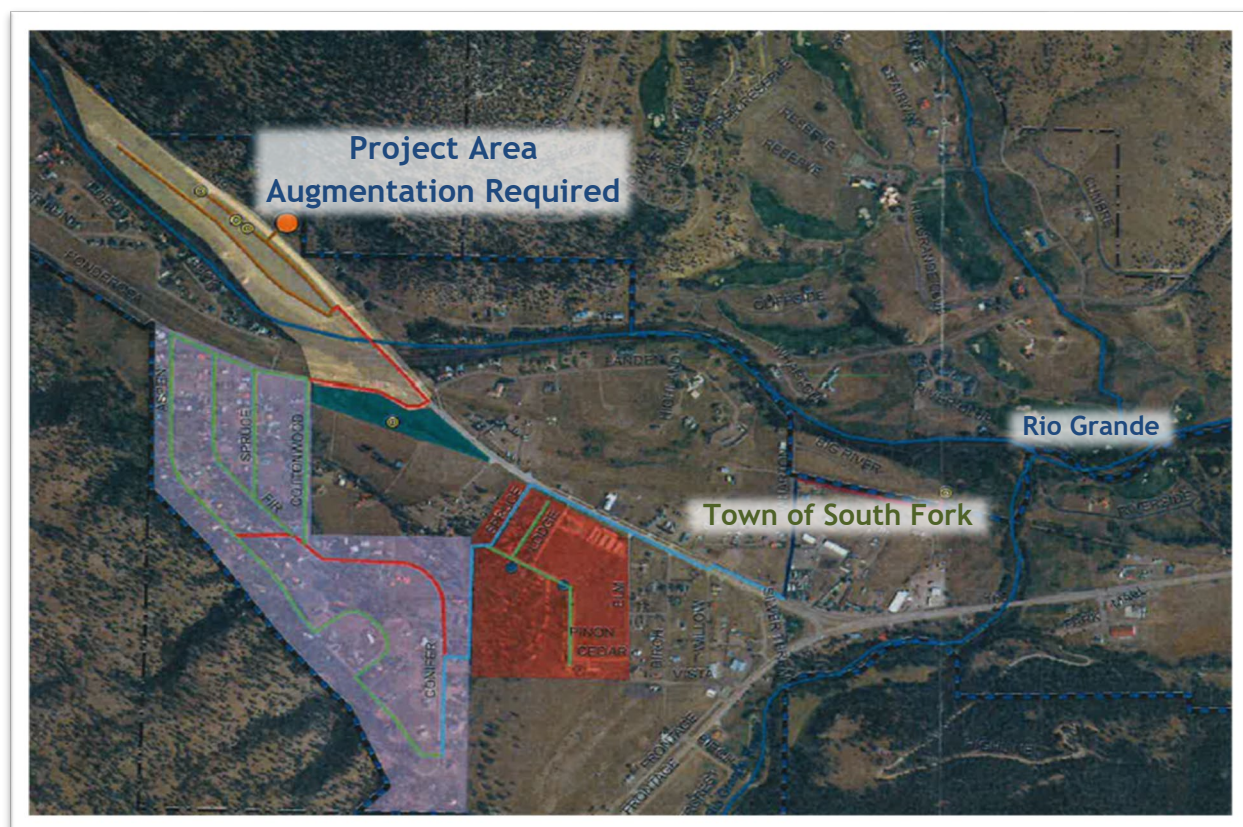




Augmentation Water Purchase Project

Town of South Fork

Substantially Complete March 1, 2021



Project Description

The Town of South Fork (Town), acting through its water enterprise, is creating a municipal water system to comply with the Rules Governing the Withdrawal of Groundwater in Water Division No. 3 (Rules). These Rules, approved by Water Court in 2019, require all non-exempt wells in the Rio Grande basin to replace their usage depletions through ownership of augmentation water and operation of an augmentation plan. Several private water systems in South Fork do not meet these requirements and may be subject to shut down by the State on or before March 15, 2021. In an effort to work toward compliance, the Town obtained five water systems and requested a loan to purchase augmentation water from the San Luis Valley Water Conservancy District. The purchase included a certificate representing 22 acre-feet of augmentation water that allowed the Town to continue providing water to its customers and comply with the Rules for the Town's municipal water system.

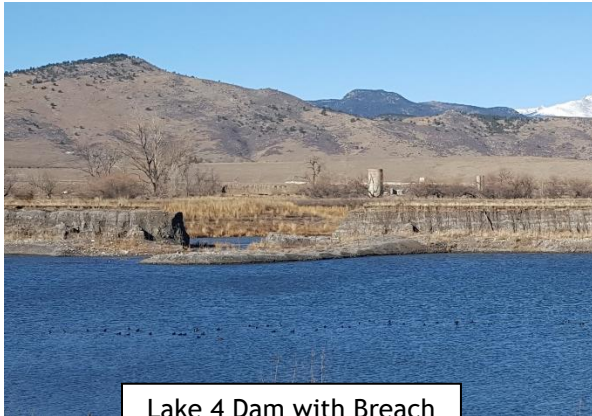
P R O J E C T D A T A		
Sponsor: Town of South Fork	County: Rio Grande	Water Source: Rio Grande
Type of Project: Water Purchase	Board Approval Date: January 2020	
Terms of Loan: 1.95% for 30 years	(Original) \$444,400.00	(Final) \$444,400.00
Engineer: Clinton Phillips, P.E., Davis Engineering Services, Inc.		
Appraiser: John Allen Davey, P.E., Davis Engineering Services, Inc.		



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Department of Natural Resources

Emergency Rock'n WP Ranch Lake No. 4 Repair

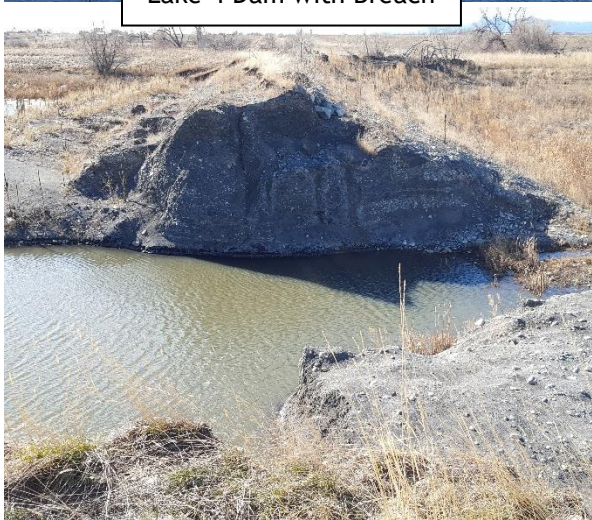
St. Vrain and Left Hand Water Conservancy District
Substantially Complete March 1, 2021



Lake 4 Dam with Breach



Lake 4 Dam Repaired



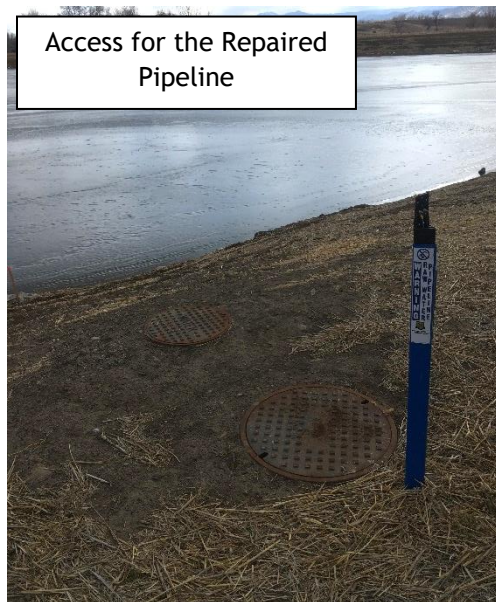
Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the ST. Vrain and Left Hand Water Conservancy District's Rock'n WP Ranch Lake No. 4. During the flood, St. Vrain Creek breached above the Lake. The unlined gravel pits above the Lake were flooded, causing their earthen embankments to fail, sending flood water into the Lake. The Lake filled and eventually overtopped, breaching its eastern embankment. The purpose of the Project was to repair the Lake to resume its use as a water augmentation reservoir by the District. Dewatering work by Kirkland Construction began in fall 2019. Construction continued through spring of 2020 in conjunction with repairs on the gravel pits which were also damaged in the flooding. Work was largely completed by fall 2020 with only final punch list items to complete throughout winter of 2020/21.

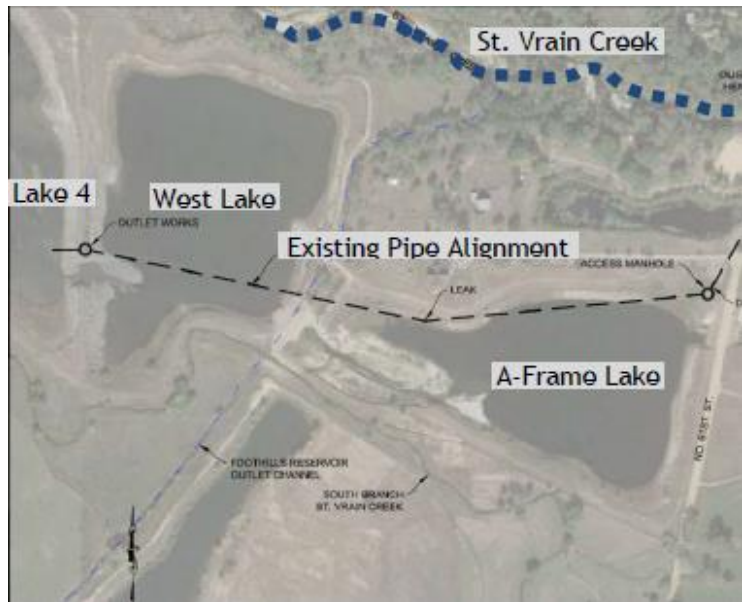
P R O J E C T D A T A		
<i>Sponsor:</i> St. Vrain and Left Hand Water Conservancy District	<i>County:</i> Boulder	<i>Water Source:</i> St. Vrain Creek
<i>Type of Project:</i> Reservoir Rehabilitation		<i>Board Approval Date:</i> July 2014
<i>Loan Terms: (Original)</i> \$4,545,000 @ 0% first 5 years, 3.20% remaining 27 years <i>(Final)</i> \$3,238,613.51		
<i>Design Engineer:</i> Engineering Analytics		
<i>Contractor:</i> Kirkland Construction		



Lake No. 4 Outlet Pipeline Repair St. Vrain and Left Hand Water Conservancy District Substantially Complete March 1, 2021



Access for the Repaired Pipeline



Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the St. Vrain and Left Hand Water Conservancy District's Lake No. 4 Outlet Pipeline. During the flood, St. Vrain Creek breached above the Lake. The unlined gravel pits above the Lake were flooded, causing their earthen embankments to fail, sending flood water into the Lake. The Lake filled and eventually overtopped, breaching its eastern embankment. The purpose of the Project was to repair the pipeline to so that augmentation deliveries directly to St. Vrain Creek could resume. Dewatering work by Kirkland Construction began in fall 2019. Construction continued through spring of 2020 in conjunction with repairs on the gravel pits which were also damaged in the flooding. Work was largely completed by fall 2020 with only final punch list items to complete throughout winter of 2020/21. Cost sharing with Boulder County allowed the District's contribution to be well below the original estimate.

P R O J E C T D A T A		
<i>Sponsor:</i> St. Vrain and Left Hand Water Conservancy District	<i>County:</i> Boulder	<i>Water Source:</i> St. Vrain Creek
<i>Type of Project:</i> Reservoir Rehabilitation	<i>Board Approval Date:</i> July 2014	
<i>Loan Terms: (Original)</i> \$864,560.00 @ 2.85% for 30 years <i>(Final)</i> \$236,154.57		
<i>Design Engineer:</i> Engineering Analytics		
<i>Contractor:</i> Kirkland Construction		

	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 2022	5%	RP	Dam breached. Final design underway then Dam Safety review/approval. Bid pkg Mar2021.
2	Arapahoe County Water and Wastewater Authority >Chambers Reservoir Liner Rehabilitation CT2021-513	Arapahoe	\$2,500,000	100%	May 2020 - Dec 2020	90%	RP	Under construction Aug 2020, liner prep/installation through Oct 2020. Material onsite, liner install 9/10/20, reservoir bottom and sides final acceptance 10/2020, all liner is placed, vents, access ladders, access ramp. Dam Safety temp. fill approval-Dec2020.
3	Cedar Mesa Ditch Company >Lower Cedar Mesa Ditch Piping CT2020-2680	Delta	\$1,346,000	100%	Sept 2020 - Spring 2023	50%	MS	Construction began in October. The intake structure is complete and pipe installation is proceeding along the ditch. Contractor is experiencing some delays due to backordered pipe material, but it is not expected to significantly affect the project.
CHATFIELD REALLOCATION Phase 2 - Mitigation \$19,329,000								
4	a. Castle Pines North Metropolitan District >(C150404C) CT2018-1990	Arapahoe Douglas Park Weld	\$1,572,000	100%	Fall 2019 - Summer 2020	95%	KR	This contract provides reimbursement for the Chatfield Reallocation Project, for engineering, recreation facilities construction, on-site mitigation, off-site mitigation, and mitigation monitoring. Phase 2 covers the construction work remaining after Phase 1 loan funds are fully depleted.
	b. Centennial Water & Sanitation District >(C150405C) CT2016-2056	Arapahoe Douglas Park Weld	\$10,826,000	100%	Fall 2019 - Summer 2020	95%	KR	Phase 2 began disbursement of funds with the July 2019 pay request. It was originally estimated Phase 2 work could last until 2028. However, the on-site mitigation in Phase 1 is proving more effective than planned, lessening the amount of off-site mitigation in Phase 2.
	c. Central Colorado Water Conservancy District >(C150407C) CT2016-2060	Arapahoe Douglas Weld	\$6,931,000	100%	Fall 2019 - Summer 2020	95%	KR	This reservoir begin filling in May of 2020. Final mitigation work and monitoring will continue over the next couple years.
DIVERSION STRUCTURE REPLACEMENT \$5,035,000								
5	a. Deuel and Snyder Improvement Company >Diversion Structure Replacement CT2020-3562	Morgan	\$643,000	100%	Aug 2020 - May 2021	60%	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.
	b. Upper Platte and Beaver Canal Company >Diversion Structure Replacement CT2020-0333	Morgan	\$4,392,000	100%	Aug 2020 - May 2021	60%	CB	
6	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.
7	Florida Consolidated Ditch Company >Hess Lateral Improvement CT2019-2034 CTGG1 2016-1319 (WSRF)	La Plata	\$1,075,000	100%	Winter 2020 - Fall 2021	0%	KR	Company received bids. The low bid exceeded the available funding. Company is in the process of value engineering and project adjustments.
8	Fort Morgan Farms, LLC >Delta Water Storage Phase 1 CT2021-2222	Weld	\$8,982,000	100%	Fall 2021 - Spring 2022	10%	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.
9	Fruitland Irrigation Company >Tunnel and Canal Renovation CT2019-2848 CTGG1 2019-2449 CTGG1 2019-2475	Delta & Montrose	\$1,729,000	100%	Jan 2020 - Dec 2023	24%	RP	Sept 2018 letter from Bureau of Reclamation recvd. Construction material delivery began 11/2019. Section 1 tunnel work bed pkg Dec2020. Section 2 Tribble - Pipe placement, compaction testing. Section 3&4 Rundle - begin breaking and removal of bedrock
10	Grand Mesa Water Conservancy District >Peak Res. & Blanche Park Res. Rehabilitation C150354 (CT2015-061)	Delta	\$466,620	100%	Mar 2013 - Dec 2021	75%	MS	Construction on Peak Reservoir began in the 2013 season and was completed in Oct 2014. Construction on Blanche Park Reservoir began in July but has ceased for winter. Embankment fill stockpile is not sufficient and attempts to locate suitable material have not been successful so far.
11	Grand Junction, City of >Carson Reservoir Dam Rehabilitation CT2021-3110	Mesa	\$3,000,000	80%	Spring 2021 - Fall 2021	0%	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.
12	Grand Junction, City of >Purdy Mesa Flowline Replacement Replacement CT2021-2857	Mesa	\$7,000,000	100%	Winter 2020 - Summer 2021	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.
13	Groundwater Management Subdistrict of CCWCD >Hokestra Reservoir Purchase CT2020-3348	Weld	\$5,390,500	100%	May 2020 - Dec 2021	5%	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.
14	Groundwater Management Subdistrict of CCWCD >Pioneer Reservoir CT2019-3687	Weld	\$8,611,000	75%	Sep 2019 - May 2022	0%	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.
15	Hidden Valley Water District >Master Water Meter Connection CT2020-2244	Jefferson	\$1,720,000	100%	Feb 2020 - Dec 2021	95%	RP	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. Finishing warranty items and IGA with EMD items.
16	Huerfano County Water Conservancy District >Regional Augmentation Project C150364 (CT2015-0047)	Huerfano	\$2,640,000	100%	Jan 2014 - Dec 2021	95%	RP	Land and water rights purchase occurred in January 2014. Phase I completed Oct 2017. Ph 3 - Reservoir liner complete 8/2019. Approved loan increase and time extension 11/2019 mtg. Award to Frontier Environ. Services. Ph4 Rebar pump station footer placed, diversion structure wall poured 12/2020. Construction complete. Asbuilt dwgs underway
17	Julesburg Irrigation District >Diversion Structure Rehabilitation CT2020-0396 WPG CTGG1-2020-2445	Sedgwick	\$2,858,000	100%	May 2020 - Dec 2021	35%	CB	This project is a diversion structure replacement on the South Platte. The Contractor has been selected and a first disbursement has been made for long lead-time materials. Construction had been slowed due to the State's shelter-in-place orders, but is still moving ahead.
18	Lateral Ditch ML47, Inc. >Lateral Ditch Pipeline Project CT2021-0515	Mesa	\$700,000	100%	Fall 2020 - Spring 2021	85%	CB	This project will pipe and existing open ditch for more efficient delivery of water. A \$538 million Federal grant is also being applied to this project. Construction is under way and expected to be completed before May 2021.

	Borrower/Projects	County	Loan Amount	Design Status	Const. Start/End	Const Status	PM	Status Description/Update
19	Left Hand Ditch Company >Allen's Lake Filler Canal Improvements CT2019-3463	Boulder	\$765,000	100%	Dec 2020 - Feb 2021	20%	CB	This project will replace 2,750 feet of open ditch with a buried pipe. No funds have been disbursed. Construction is expected to begin after Grading Permit is received. Loan Increase was approved in January 2020.
20	Lookout Mountain Water District >Upper and Lower Beaver Brook Dam Rehabilitation CT2021-3115	Jefferson	\$3,500,000	0%	Spring 2021 - Fall 2021	0%	RP	
21	North Sterling Irrigation District >Outlet Canal Automation Phase II Project CT2021-3658	Logan	\$392,000	100%	Fall 2021 - Spring 2022	0%	CB	This project will install automation equipment on the lateral ditch headgates of users of the North Sterling Irrigation District Outlet Canal. Installation is expected to begin in Fall 2021.
22	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	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.
23	Orphan Wells of Wiggins >Kiowa Creek Dam Rehabilitation CT2021-3116	Morgan	\$147,000	100%	Spring 2021 - Fall 2021	75%	CB	This project will repair five non-jurisdictional dams operated by Orphan Wells of Wiggins for augmentation purposes. Mobilization took place in January 2021.
24	Pueblo Conservancy District >Arkansas River and Wildhorse Creek Levees CT2019-0366	Pueblo	\$23,000,000	100%	Dec 2014 - Jun 2021	99%	RP	Funds approved June 2018. Phase 5 under construction - removing, replacing concrete where Ph4 ended. Phase 5A under construction - grouting, filling voids in toe of levee for future Ph6. Loan increase Projects Bill 2020. Wrapping up construction Phase 6.
25	Redlands Water and Power Company >Pumpline Replacement Project CT2021-0511, WSRF POGG1 2020-2970	Mesa	\$635,000	100%	Nov 2020 - Feb 2021	98%	CB	This project will replace an existing, out-of-date pipeline. Construction is currently is complete and loan closeout is only awaiting the final loan request for substantial completion costs.
26	Redlands Water & Power Company >Roller Gate Replacement CT2021-2837	Mesa	\$400,000	100%	Fall 2021 - Spring 2022	0%	CB	This project will replace existing, out-of-date gates on Redlands' diversion structure. A contractor has been selected and work may begin this spring if river conditions are favorable. Otherwise, work will begin next fall.
27	Rural Ditch Company >Diversion Structure Improvement CT2021-2043	Weld	\$805,000	100%	Spring 2021 - Spring 2022	60%	CB	The Rural Ditch Diversion Structure project will repair a diversion structure which was damaged in the 2013 flooding. It has operated at a reduced capacity since it was damaged, but as a result of this project will be restored to full operation.
28	San Luis Valley Irrigation District >Rio Grande Reservoir Rehabilitation CT-2018-3303, CTGG1-2018-1805	Hinsdale, Rio Grande	\$15,000,000	100%	Aug 2018 - June 2020	98%	KR	Project is near complete. Moltz has begin demobilization. Outlet is operable and the reservoir is releasing water. Final touches on the Gate House and site clean up will continue through the summer. Ribbon cutting ceremony was postponed due to the COVID-19 public gathering limitations.
29	Southeastern CO Water Conservancy District >Pueblo Dam Hydroelectric Project CT2018-0833	Pueblo	\$17,220,000	100%	June 2017 - Nov 2021	99%	RP	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.
30	Spring Dale Ditch Company >Diversion Structure Replacement Project CT2020-3110	Logan	\$1,210,000	100%	Feb 2020 - Jun 2021	75%	CB	This project will replace Springdale's aging diversion structure on the South Platte. Construction is well under way.
31	Tunnel Water Company >West Half Laramie-Poudre Tunnel Rehabilitation CT2019-3706	Larimer	\$17,080,000	100%	Sep 2019 - Apr 2023	40%	RP	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.
32	Tunnel Water Company >Headgate Improvements Project (Wildfire Impact) CT2021-3928	Larimer	\$1,206,000	100%	Apr 2021 - May 2021	90%	RP	
33	Tunnel Water Company >Rawah Ditch Tunnel Rehabilitation CT2021-3927	Larimer	\$2,150,000	100%	Apr 2021 - May 2021	90%	RP	
34	Victor, City of >Victor Reservoir No. 2 Dam Rehabilitation CT2021-3873	Teller	\$375,000	100%	Apr 2021 - Sep 2021	0%	RP	
35	WALKER RECHARGE PROJECT \$15,000,000							The Walker Recharge project consists of diversions off the South Platte, a pipeline, and infiltration facilities to re-time augmentation flows. Two other loans and a grant are tied to the project. Construction related to the grant will began in November and the first dipursals were made in December.
	a. Central Colorado WCD >Walker Recharge CT2020-0310 (CTGG1 2019-3648 WPG Closed-out)	Weld	\$2,250,000	100%	Sep 2019 - Sep 2022	50%	CB	
	b. Groundwater Management Subdistrict of CCWCD >Walker Recharge CT2020-0324	Weld	\$9,750,000	100%	Sep 2019 - Sep 2022	50%	CB	
	c. Well Augmentation Subdistrict of CCWCD >Walker Recharge CT2020-0326	Weld	\$3,000,000	100%	Sep 2019 - Sep 2022	50%	CB	
36	Wiggins, Town of >Wiggins Recharge Facility at Glassey Farms CT2018-0892	Morgan	\$2,385,000	100%	Jul 2017 - Jul 2021	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.
37	Windy Gap Firing Project Water Activity Enterprise >Windy Gap Project CT2021-2039	Larimer	\$89,108,911	100%	Spring 2021 - Summer 2024	0%	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.
	WISE Project - Phase 2 Infrastructure \$7,326,940							Biney Connection Pipeline of Water Infrastructure and Supply Efficiency
	a. Cottonwood W&S Dist - C150408C (CT2015-0105)	Douglas/ Arapahoe	\$1,116,000	100%	Jan 2020 - Dec 2022	5%	RP	

	Borrower/Projects	County	Loan Amount	Design Status	Const. Start/End	Const Status	PM	Status Description/Update
38	b. Inverness W&S Dist - C150409C (CT2015-0119)	Douglas/ Arapahoe	\$1,413,000	100%	Jan 2020 - Dec 2022	5%	RP	Binney Connection Pipeline or 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.
	c. Parker W&S Dist - C150410C (CT2015-0109)	Douglas/ Arapahoe	\$3,384,810	100%	Jan 2020 - Dec 2022	5%	RP	
	d. Pinery (Den SE WSD)C150411B (CT2015-0086)	Douglas/ Arapahoe	\$1,413,130	100%	Jan 2020 - Dec 2022	5%	RP	
39	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	
	b. Inverness W&S Dist - C150409D (CT2015-0120)	Douglas/ Arapahoe	\$450,000	80%	N/A	60%	RP	
	c. Parker W&S Dist - C150410D (CT2015-0110)	Douglas/ Arapahoe	\$1,089,000	80%	N/A	60%	RP	

Projects Under Contract : \$275,665,571

Approved Projects - Not Under Contract								
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a	Taylor & Gill Ditch Company >Ditch Piping CTGG1 2021-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 CT2021-XXXX	Pueblo, Crowley, Otero, Bent, Prowers	\$90,000,000	0%	Fall 2020 - Fall 2035	0%	RP	
c	Genesee Water and Sanitation District >Reservoir No. 1 Enlargement CT2021-XXXX	Jefferson	\$4,200,000	50%	Spring 2021 - Spring 2022	0%	RP	Water Plan Grant approved in March 2021. Contracting loan and grant at the same time.
d	Florida Consolidated Ditch Company >Florida Canal Diversion Replacement CT2021-XXXX WSRF CTGG1 2021-XXXX	La Plata	\$750,000	10%	Spring 2021 - Fall 2023	0%	MS	This project is the replacement of a low head dam diversion structure with multi beneficial outcomes. The project is currently in contracting.
e	Glenwood Springs, City of >System Redundancy and Pre-Treatment Improvements >CT2021-XXXX	Garfield	\$8,000,000	80%	Spring 2021 - Fall 2021	0%	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.
f	Logan Irrigation District >Prewitt Reservoir Rehabilitation CT2021-XXXX	Logan	\$1,563,000	100%	Spring 2021 - Fall 2021	0%	CB	This project will support dredging efforts to eliminate a dead pool at Prewitt Reservoir. The project is currently on hold.
g	Grand Valley Water Users Association >Vinlands Power Plant CT2021-XXXX	Mesa	\$1,066,000		Fall 2021 - Fall 2022	0%	MS	This project will replace the existing hydroelectric powerplant.
h	Orchard Mesa Irrigation District >Vinlands Power Plant CT2021-XXXX	Mesa	\$1,066,000		Fall 2021 - Fall 2022	0%	MS	This project will replace the existing hydroelectric powerplant.
i	North Sterling Irrigation District >North Sterling River Diversion Replacement CT2021-XXXX	Morgan	\$3,498,000	100%	Spring 2021 - Fall 2021	0%	CB	
j	Rio Grande Water Conservation District Subdistrict No. 5 >Saguache Pipeline CT2021-XXXX	Saguache	\$4,844,000	80%	Spring 2021 - Fall 2022	0%	RP	

Not Under Contract SubTotal = \$115,112,000

Grand Total = \$390,777,571

**WATER PROJECT CONSTRUCTION LOAN PROGRAM
LOAN REPAYMENT DELINQUENCY REPORT
LOAN FINANCIAL ACTIVITY REPORT
May 2021**

LOAN REPAYMENT DELINQUENCY

Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2020 through April 2021. 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 2021 totaled 261. There are no delinquencies other than Two Rivers Water & Farming which has already been addressed by board action.

LOAN FINANCIAL ACTIVITY

Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2021 is summarized as follows: Funds received relative to loans in repayment totaled \$43.4M for this year. Funds disbursed relative to new project loans totaled \$35.2M for this year. Net activity resulted in \$8.22M 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 \$28.4M in receivables and \$15.3M in disbursements for a total net activity of \$13.1M received over disbursed. The STPBF consists of \$15M in receivables and \$20M in disbursements for a total net activity of \$5M disbursed over received.

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July	\$ 9,602,286	\$ 329,415	\$ 9,931,700	\$ 924,682	\$ 9,007,018
August	\$ 1,412,152	\$ 250,382	\$ 1,662,534	\$ 233,385	\$ 1,429,149
September	\$ 1,853,472	\$ 1,059,132	\$ 2,912,605	\$ 1,656,149	\$ 1,256,455
October	\$ 205,556	\$ 80,356	\$ 285,912	\$ 489,052	\$ (203,139)
November	\$ 779,750	\$ 847,360	\$ 1,627,110	\$ 5,574,173	\$ (3,947,063)
December	\$ 531,255	\$ 484,365	\$ 1,015,620	\$ 1,346,275	\$ (330,655)
January	\$ 5,019,609	\$ 742,460	\$ 5,762,069	\$ 1,559,187	\$ 4,202,882
February	\$ 485,000	\$ 303,000	\$ 788,000	\$ 938,985	\$ (150,985)
March	\$ 2,023,896	\$ 872,978	\$ 2,896,875	\$ 1,317,582	\$ 1,579,293
April	\$ 1,021,943	\$ 492,618	\$ 1,514,561	\$ 1,218,405	\$ 296,157
FY 2021 Totals	\$ 22,934,921	\$ 5,462,066	\$ 28,396,987	\$ 15,257,874	\$ 13,139,113

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July	\$ 30,637	\$ 13,228	\$ 43,865	\$ 330,453	\$ (286,588)
August	\$ 3,162,873	\$ 934,758	\$ 4,097,632	\$ 647,738	\$ 3,449,894
September	\$ 332,706	\$ 805,224	\$ 1,137,930	\$ 2,878,670	\$ (1,740,740)
October	\$ 387,402	\$ 132,841	\$ 520,243	\$ 277,749	\$ 242,494
November	\$ 608,329	\$ 1,215,367	\$ 1,823,696	\$ 1,418,890	\$ 404,806
December	\$ 331,861	\$ 1,392,634	\$ 1,724,495	\$ 756,727	\$ 967,768
January	\$ 837,007	\$ 317,965	\$ 1,154,971	\$ 4,239,597	\$ (3,084,626)
February	\$ 3,300,000	\$ 213,000	\$ 3,513,000	\$ 574,159	\$ 2,938,841
March	\$ 185,657	\$ 84,455	\$ 270,112	\$ 7,210,265	\$ (6,940,154)
April	\$ 432,691	\$ 272,368	\$ 705,060	\$ 1,603,449	\$ (898,389)
FY 2021 Totals	\$ 9,609,164	\$ 5,381,840	\$ 14,991,003	\$ 19,937,698	\$ (4,946,694)

GRAND TOTALS	\$ 32,544,085	\$ 10,843,906	\$ 43,387,990	\$ 35,195,572	\$ 8,192,419
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