



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Ben Wade & Dori Vigil
Water Supply Planning Section

DATE: July 5, 2023

AGENDA ITEM: Agenda 8 a-i, Water Supply Reserve Fund, Grant Funding
Recommendations

Staff Recommendation - Action Items: WSRF Grant Requests:

A summary of staff's recommendation for each WSRF application are provided in the first component of the attached table.

Favorable recommendations may be contingent on providing the CWCB with additional information, clarifications, or modifications in the scope of work. Please refer to the Water Activity Summary Sheets contained within this agenda item to find a summary of staff's review and any conditions associated with each recommendation.

Background:

For this agenda item, the Board is provided with a brief overview of applications to the Water Supply Reserve Fund (WSRF). Attachments to this memo include:

- Summary spreadsheet detailing funding requests for the basin and statewide accounts;
- Summary spreadsheet displaying current WSRF Balance Summary of Fund Appropriations and Receipts by Fiscal Year, and Fund Distribution by Basin and Statewide Account.
- Water Activity Summary Sheets, which provide an overview, discussion, issues/additional needs, and staff recommendation regarding funding, partial funding, or not funding the applications.

Staff's review of the applications involves the following steps:

- 1) Applications are reviewed for completeness based on the information requirements, which are primarily outlined in the Grant Guidelines.
- 2) Applications are reviewed to verify that the water activity meets the eligibility requirements in Section 39-29-108 (III) C.R.S. (C&G, Part 2) and the threshold criteria, which are based on the requirements of Section 39-29-108 (III) C.R.S., and two sections of the Water for the 21st Century Act (House Bill 1177); Section 37-75-102 and Section 37-75-104(2)(c) (C&G, Part 3). Staff also verifies that the applicant was an eligible entity to receive funding (C&G, Part 2).



- 3) Staff then prepares the Water Activity Summary Sheet which documents the outcome of the review process and contains staff's recommendations.

Water Supply Reserve Fund Balance Summary and Project Status Report:

To provide the Board updates on the status of specific Water Supply Reserve Fund grant applications and projects, staff can provide a status report of the following information upon request:

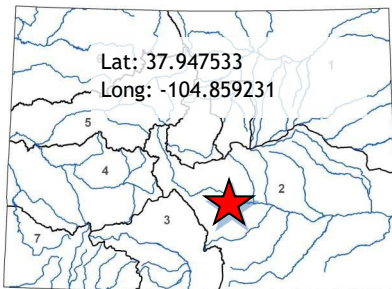
- List of completed WSRF projects;
- List of WSRF projects in progress; and
- List of WSRF projects in the contracting and procurement process.



Water Supply Reserve Fund Applications for Consideration at the July 2023 CWCB Board Meeting																
Agenda Item	Statewide Project Category	Basin	Applicant/Grantee	Name of Water Activity	Basin(s) Account Request	Statewide Account Requests	RT Requested Amount	Non-WSRF Cash Match	Non-WSRF In-Kind Match	Non-WSRF Total Match	Statewide Match (Basin & Non-WSRF)	WSRF Total Project Costs	Basin Only Request Match % (min 25%)	Statewide Match % (Basin min 10%/applicant Match min 15% vs Total Project Cost)	PM	Grants Portal ID
Agenda Item 8a	Aging Infrastructure	Arkansas	Colorado City Metropolitan District	Engineering Design of Lake Beckwith Dam Rehabilitation	\$65,000	\$263,100	\$328,100	\$58,500	\$0	\$58,500	\$123,500	\$386,600	N/A	32%	Joshua Godwin	App-01129
Agenda Item 8b	Aging Infrastructure	Arkansas	Huajatolla Valley Estates	HVE Infrastructure Plan	\$13,266	\$92,864	\$106,130	\$26,533	\$0	\$26,533	\$39,799	\$132,663	N/A	30.00%	Ben Wade	App-01160
Agenda Item 8c	Aging Infrastructure	Arkansas	Purgatoire Watershed Partnership	Concrete Ditch Lining of the Baca-Picketwire Ditch	\$182,090	\$315,045	\$497,135	\$1,323,754	\$0	\$1,323,754	\$1,323,754	\$1,820,889	N/A	82.70%	Joshua Godwin	App-01137
Agenda Item 8d	Drought Resiliency	Arkansas	Upper Arkansas Water Conservancy District	Chaffee County Groundwater Study Phase 3	\$65,000	\$325,000	\$390,000	\$260,000	\$0	\$260,000	N/A	\$650,000	40.00%	N/A	Brian McPherson	App-01122
Director's Report		Colorado	Colorado Ag Water Alliance	White River National Forest Pond Maintenance	\$31,500	\$0	\$31,500	\$10,500	\$19,000	\$29,500	N/A	\$61,000	48.36%	N/A	Nora Flynn	App-01163
Director's Report		Colorado	Eagle River Watershed Council	Eagle River Community Water Plan Completion & Implementation	\$32,201.25	\$0	\$32,201.25	\$7,933.75	\$2,800	\$10,733.75	N/A	\$42,935	25.00%	N/A	Steve Reeves	App-01148
Consent Agenda 2a		Colorado	Grand County Irrigated Land Company	Vail Ditch Conservation & Efficiency Project	\$78,015	\$0	\$78,015	\$73,020	\$5,895	\$78,915	N/A	\$156,930	50.29%	N/A	Ben Wade	App-01167
Director's Report		Colorado	Roaring Fork Conservancy	Investigating Social & Environmental Dimensions of Water Conservation	\$49,600	\$0	\$49,600	\$76,800	\$4,500	\$81,300	N/A	\$130,900	62.11%	N/A	Emily Zmak	App-01162
Agenda Item 8e	Aging Infrastructure	Gunnison	Town of Crested Butte	Coal Creek Dam	\$150,000	\$350,000	\$500,000	\$172,000	\$0	\$172,000	\$322,000	\$672,000	N/A	47.92%	Cole Bedford	App-01106
Agenda Item 8f		Rio Grande	Costilla County Conservancy District	Culebra Watershed Partnership Project	\$204,500	\$0	\$204,500	\$125,000	\$0	\$125,000	N/A	\$329,500	37.94%	N/A	Chris/Andre a	App-01128
Agenda Item 8g	Aging Infrastructure	Rio Grande	San Luis Valley Water Conservancy District	Beaver Park Reservoir Seepage Mitigation Study	\$50,000	\$120,000	\$170,000	\$34,800	\$5,000	\$39,800	\$89,800	\$209,800	N/A	42.80%	Matt Stearns	App-01164
Director's Report		Rio Grande	Trinchera Irrigation Company	Levy Diversion	\$16,500	\$0	\$16,500	\$5,500	\$0	\$5,500	N/A	\$22,000	25.00%	N/A	Ben Wade	App-01114
Agenda Item 8h		Rio Grande	Trout Unlimited	Divide Ranger District Toilet Replacement Project	\$281,750	\$0	\$281,750	\$85,580	\$25,035	\$110,615	N/A	\$392,365	28.19%	N/A	Ben Wade	App-01166
Agenda Item 8i	Aging Infrastructure	YWG	CO Division of Water Resources	Data Logger/Telemetry Installation Project: Bear River & Sarvis Creek, District 58 (Division 6)	\$25,200	\$132,300	\$157,500	\$31,500	\$0	\$31,500	\$56,700	\$189,000	N/A	30.00%	Joshua Godwin	App-01119
Consent Agenda 2b	Aging Infrastructure	YWG	Town of Oak Creek	Sheriff Dam - Outlet Gate Replacement	\$22,500	\$42,500	\$65,000	\$160,000	\$0	\$160,000	N/A	\$225,000	71.11%	N/A	Matt Stearns	App-01145
					\$1,267,122	\$1,640,809	\$2,907,931									



Water Supply Reserve Grant Application



LOCATION
County: Pueblo
Drainage Basin: Arkansas

DETAILS	
Total Project Cost:	\$386,600
Total WSRF Grant Request:	\$328,100
Arkansas Basin Account Request:	\$65,000
Statewide Account Request:	\$263,100
Recommended Amount:	\$328,100
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$58,500
Project Type(s): Implementation – Design/Engineering	
Water Use Type: Municipal	
Statewide Category: Aging Infrastructure	
Measurable Result: 1,033 Acre Feet of Existing Storage Preserved or Enhanced	

The proposed project includes engineering design that will address the rehabilitation of Lake Beckwith dam that will ensure compliance with the State Engineer's Office "Lake Beckwith Dam Safety Compliance Plan" dated October 19, 2021. Engineering design will also include widening of dam embankment to accommodate a future 10-ft dam raise and storage capacity increase.

Lake Beckwith is the main municipal water storage facility for the applicant. Lake Beckwith is also a community and regional focal point for recreational uses such as jogging, biking, kayaking, paddle boarding, fishing, community events, bird watching, etc. Engineering design for dam improvements generally include: leveling and widening the dam embankment, internal drains and filters in the dam embankment and toe, seepage cutoff trench through foundation soil, and new siphon outlet works.

The applicant states the proposed engineering design will accommodate a future 10-ft dam raise and increase in reservoir storage that would demonstrate diligence to the water court toward making currently held conditional storage rights absolute.

If approved, WSRF funds will be used for development of Division of Water Resources approved engineering designs, construction plans and specifications. Engineering design will be completed by the applicant's consultants.

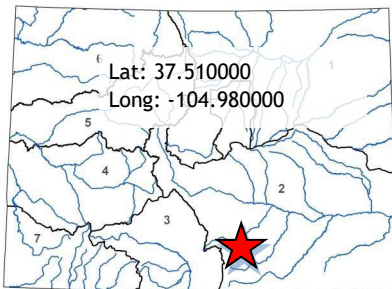


Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval of up to \$65,000 from the Arkansas Basin Account & up to \$263,100 from the Statewide Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.



Water Supply Reserve Grant Application



LOCATION
County: Huerfano
Drainage Basin: Arkansas

DETAILS	
Total Project Cost:	\$132,663
Total WSRF Grant Request:	\$106,130
Arkansas Basin Account Request:	\$13,266
Statewide Account Request:	\$92,864
Recommended Amount:	\$106,130
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$26,533
Project Type: Implementation/Construction	
Water Use Type: Municipal	
Statewide Category: Drought Resiliency	
Measurable Result: 5-acre feet efficiency savings; 120 Coloradans impacted by engagement activity; Benefit-cost ratio: saving 1-5 AF of lost water & \$5,000-\$9,000 in maintenance costs.	

The applicant, Huajatolla Valley Estates, is a private community utility serving 120 people in the Town of La Veta. Their system was built in the mid-1970s around a spring and progressively upgraded to the modern treatment facility they have today. The applicant serves domestic water customers only, with minimal irrigation strictly capped. The applicant maintains two reservoirs, the Wahatoya Lake Reservoir & the Daire Reservoir, for recreational purposes but their community does not own water rights in either reservoir but only on the Cucharas River. The applicant does have permits for the development of two wells.

The applicant states their challenge is meeting the supply gap and finding a redundant source when or if their spring runs dry, and improving the infrastructure so that customer demand is easier to meet. The project objectives include:

- Drilling supplemental wells to improve that redundancy.
- Improve delivery from their treatment facility to storage.
- Repairing their automated pumping radio link, to reduce the risks of manually monitoring and controlling their system.

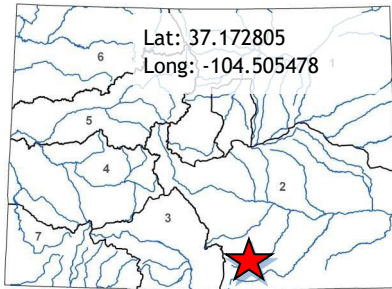
The projects aligns with goals in the Arkansas Basin Implementation Plan.

Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval of up to \$13,266 from the Arkansas Basin Account and up to \$92,864 from the Statewide Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.



Water Supply Reserve Grant Application



LOCATION	
County:	Las Animas
Drainage Basin:	Arkansas

DETAILS	
Total Project Cost:	\$1,892,888.75
Total WSRF Grant Request:	\$497,135
Arkansas Basin Account Request:	\$182,090
Statewide Account Request:	\$315,045
Recommended Amount:	\$497,135
Other CWCB Funding:	\$0
Other Funding Amount:	\$1,248,730
Applicant Match:	\$75,023.75
Project Type: Implementation/Construction	
Water Use Type: Agricultural	
Statewide Category: Aging Infrastructure	
Measurable Result: 15% water savings; 1,000 Coloradoans impacted by incorporating water-saving actions into land use planning; 4,380 Coloradoans impacted by engagement activity.	

The Baca-Picketwire earthen ditch was established in the late 1800's on the outskirts of the Town of Trinidad. The ditch currently is in the middle of a high-traffic urban development, surrounded by parking lots, concrete, and 4-story hotels and restaurants. The applicant states the urban development in the project area has expedited the need to address the old and insufficient infrastructure of the ditch and drought resiliency gaps in operations. If approved, WSRF funding will be used to concrete line this urban-interfacing ditch section, install safety fencing, and conduct community education and outreach around the water history in the project area.

The applicant believes this is a collaborative and multi-beneficial project that will significantly improve existing infrastructure and resolve an increasing number of maintenance and operational challenges plus safety and liability concerns. Improved water measurement accuracy will increase water efficiency and allow for more water to be saved for when it is most needed. Other water users (ecological, municipal, recreational) benefit through the improved water efficiency of the ditch and improved accuracy of water taken from the river. The applicant believes the project also improves public safety and will significantly improve the urban-agricultural interface and partner relationships in the project area.

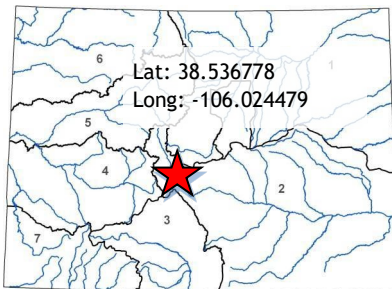
This project aligns with the Arkansas Basin Implementation Plan by helping to meet agricultural and municipal goals.

Issues/Additional Needs: The applicant must secure all matching funds prior to contracting. No other issues or additional needs have been identified.



Funding Recommendation: Staff recommends approval of up to \$182,090 from the Arkansas Basin Account and up to \$315,045 from the Statewide Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.

Water Supply Reserve Grant Application



LOCATION
County: Chaffee
Drainage Basin: Arkansas

DETAILS	
Total Project Cost:	\$650,000
Total WSRF Grant Request:	\$390,000
Arkansas Basin Account Request:	\$65,000
Statewide Account Request:	\$325,000
Recommended Amount:	\$390,000
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$260,000
Project Type: Study/Planning	
Water Use Type: Municipal	
Statewide Category: Aging Infrastructure	
Measurable Result: Develop a flow model involving numerous variables, which can be updated and adapted periodically into the future to look at longer term trends for local decision makers	

The applicant will partner with Chaffee County and the U.S. Geological Survey (USGS) - Colorado Water Sciences group to conduct a county-wide evaluation of groundwater source, quality, and projected location of availability across the county. This study is designed as “Phase 3” of the previous 25-year-long Arkansas River Basin groundwater scientific evaluation with USGS. The CWCB Board provided a WSRF grant for Phase 2 of this study in September 2016.

The proposed study will look at the local region of Chaffee County to determine current and future vulnerabilities of groundwater supply now and into the future. The project will collect and analyze diverse physical and geochemical data to increase the understanding of groundwater resources and quality. The data from the monitoring wells will be compiled to produce a numerical groundwater flow model that will be used to simulate groundwater recharge, groundwater/surface-water interactions, and groundwater pumping and upon calibration will be used to predict potential future groundwater conditions under changing climatic, land use, and pumping scenarios.

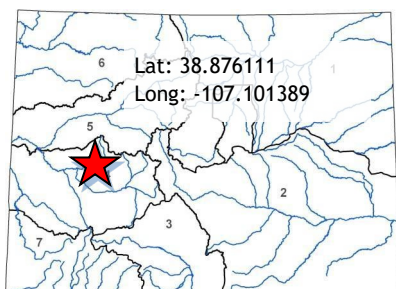
The study will also include municipalities of Salida, Buena Vista, and Poncha Springs to help inform their respective land use decisions and conservation planning.

The project aligns with the Arkansas Implementation Plan by helping to meet the projected supply gap in each subregion within the basin and reduce groundwater dependence on unsustainable aquifers for municipal users

Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Add recommendation summary including a brief description of why the project was not recommended for funding if applicable. Project approval is contingent upon the applicants’ abilities to resolve issues and additional needs identified by staff.

Water Supply Reserve Grant Application



LOCATION
County: Gunnison
Drainage Basin: Gunnison

DETAILS	
Total Project Cost:	\$672,000
Total WSRF Grant Request:	\$500,000
Gunnison Basin Account Request:	\$150,000
Statewide Account Request:	\$350,000
Recommended Amount:	\$0
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$172,000
Project Type: Implementation/Construction	
Water Use Type: Municipal	
Statewide Category: Aging Infrastructure	
Measurable Result: 367 acre feet of storage preserved or enhanced; 15,000 number of Coloradans impacted by engagement activity.	

Coal Creek Dam (formerly known as Lake Irwin Valve and Piping Project partially funded by CWCB in September 2021 for the design) allows the applicant to access its 367-acre feet water rights storage in Lake Irwin. The State Engineers Office requested a dam breach analysis and River Analysis System modeling to predict potential downstream flooding. The applicant states the results predicted significant downstream flooding of Coal Creek and the Town and it has been determined that the Coal Creek dam will be reclassified from low to a high hazard dam. A 150-year-old inlet tunnel, pipe, and 1935 valve structure will be replaced with new infrastructure designed to current dam outlet standards for dam protection.

Construction will require lowering of the lake level approximately 20 feet and installation of a temporary coffer dam around existing tunnel to contain stormwater. Once the area is dewatered, the existing timber set tunnel & outlet pipe will be replaced with a new 16" pipeline. The existing concrete valve shaft will be demolished and replaced with a new valve vault containing dual 16" gate valves for redundancy and maintenance. The Coal Creek dam crest will be raised to contain the PMP events.

While the overall total project cost is over \$3.6 million, WSRF funds are being used specifically for the purchase of materials per the Gunnison Roundtable approval letter. This brings the WSRF total project cost to \$672,000.

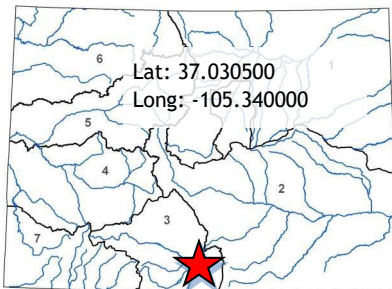
The proposed project is listed as a high priority project in the Gunnison Basin Implementation Plan and aligns with Basin goals.

Issues/Additional Needs: Prior to contracting, the applicant must secure matching funds. No other issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval of up to \$150,000 from the Gunnison Basin Account and up to \$350,000 from the Statewide Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.



Water Supply Reserve Grant Application



LOCATION
County: Costilla
Drainage Basin: Rio Grande

DETAILS	
Total Project Cost:	\$329,500
Total WSRF Grant Request:	\$204,500
Rio Grande Basin Account Request:	\$204,500
Recommended Amount:	\$204,500
Other CWCB Funding:	\$0
Other Funding Amount:	\$70,000
Applicant Match:	\$55,000
Project Type: Other – Capacity Building	
Major Water Use Type: Environmental	
Measurable Result: 6,000 linear feet of stream restored or protected; 5,780 acres of restored or preserved habitat; 1,500 Coloradans impacted by engagement activity; 500 acres of fire mitigation planning.	

The Culebra Watershed Partnership Project was born out of the Upper Culebra Watershed Assessment, a project funded with a Watershed Restoration & Water Plan grants awarded by the CWCB Board in March 2021. The project assessed watershed health through measuring indicators of riparian health, aquatic habitat, water quality, flow regimes, geomorphology, infrastructure, forest health, rangeland health, and safety and emergency management. Through the Assessment, priority projects and initiatives were identified.

If approved, WSRF funds will help begin the implementation of the Assessment by tackling priority projects, which include the development of a demonstration watershed project and the installation of new stream gages on two tributaries of the Culebra watershed to improve streamflow monitoring and water administration. Through this effort, a watershed coordinator will be hired to manage the projects, coordinate with stakeholders, and obtain additional funding for priority projects in the Assessment.

Project partners include the Sangre de Cristo Acequia Association, Rio Grande Headwaters Restoration Project, Colorado Open Lands, Colorado Division of Water Resources, Tailwater Limited, private landowners, and other local stakeholders.

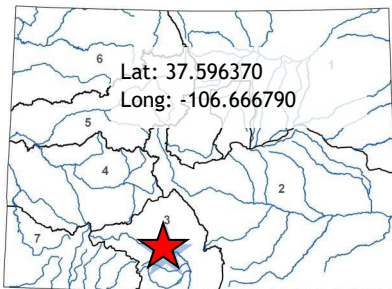
The project aligns with the Rio Grande Basin Implementation Plan by meeting four of five goals and aligns with the Water Plan goals and criteria by improving watershed and stream health and meeting agricultural water needs.

Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval of up to \$204,500 from the Rio Grande Basin Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.



Water Supply Reserve Grant Application



LOCATION
County: Rio Grande
Drainage Basin: Rio Grande

DETAILS	
WSRF Total Project Cost:	\$209,800
Total WSRF Grant Request:	\$170,000
Rio Grande Basin Account Request:	\$50,000
Statewide Account Request:	\$120,000
Recommended Amount:	\$170,000
Other CWCB Funding:	\$0
Other Funding Amount:	\$34,800
Applicant Match:	\$5,000
Project Type: Implementation/Design/Engineering	
Water Use Type: Environmental	
Statewide Category: Aging Infrastructure	
Measurable Result: 4,750 acre feet existing storage preserved or enhanced.	

The proposed project will include an analysis of the cause of seepage and scoping of potential fixes to reduce or stop seepage out of Beaver Park Reservoir. Beaver Park Dam is a large high hazard dam owned and operated by Colorado Parks and Wildlife (CPW). The reservoir was constructed by the Mosca Irrigation District in 1912-1914 to store snowmelt runoff for irrigation. Today, the primary use of the reservoir is recreation and water rights storage, and releases are a critical part of operations for CPW and partners including the applicant, Bureau of Land Management, Trout Unlimited, and the Rio Grande Water Conservation District.

The Beaver Park Dam is 113 feet high at its maximum section and provides roughly 4,750 acre-feet of pre-compact water storage. Since first filling of the reservoir, the dam has experienced seepage related performance issues. Some issues have been mitigated throughout the dam's 100+ year life, but loss of reservoir storage capacity through seepage remains a challenge to this day. There is a point source seepage exit emerging about one quarter mile downstream of the dam. The character and amount of this seepage has remained unchanged for many years. This source has never been considered an urgent dam safety issue in need of mitigation, but seepage flows continuously throughout the year and releases several cubic feet per second (an average of 3.5 ac-ft/day and as much as 11 cfs). This valuable water could be stored and released at times when most needed by fish and wildlife or made available for creative water sharing projects. The applicant states the project is a high priority for the local water community. Project activities will include a geotechnical investigation, drilling, lab work, and recommendations for seepage control actions.

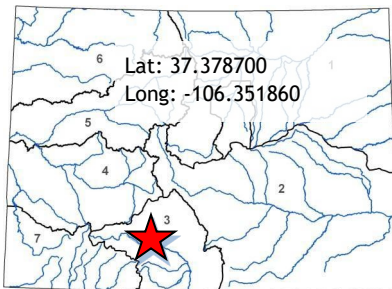
The proposed project aligns with the Rio Grande Basin Implementation Plan.

Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval up to \$50,000 from the Rio Grande Basin Account and up to \$120,000 from the Statewide Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.



Water Supply Reserve Grant Application



LOCATION
Counties: Alamosa, Hinsdale, Mineral, Rio Grande
Drainage Basin: Rio Grande

DETAILS	
Total Project Cost:	\$392,365
Total WSRF Grant Request:	\$281,750
Rio Grande Basin Account Request:	\$281,750
Recommended Amount:	\$281,750
Other CWCB Funding:	\$0
Other Funding Amount:	\$103,715
Applicant Match:	\$6,900
Project Type: Implementation/Construction	
Major Water Use Type: Environmental	
Measurable Result: 300,000 Coloradans Impacted by engagement activity; Other: water quality improvements	

The applicant as well as various Rio Grande Basin stakeholders have partnered with the Rio Grande National Forest Divide Ranger District to inventory the condition of the vault toilets on the District and has prioritized replacement. Those slated for replacement are all more than 50 years old and have exceeded their useful life. The nine toilets included in this grant request are adjacent to water and presumed to be leaking into underground and surface water supplies including several headwater streams tributary to the Rio Grande, including Rito Hondo Creek, Spring Creek, Ivy Creek, Beaver Creek and Rock Creek.

Each of these tributaries are popular recreational areas, and the water quality improvements and protections extend downstream to the Rio Grande benefiting farms and communities. Therefore, the applicant and stakeholders believe replacement will improve the forest recreation experience and water quality, which will benefit aquatic habitat, riparian ecosystems, and water supplies.

The project will replace leaking toilets located where waste management services have noticed either less water in the tank while being pumped, the tank filling back with water quicker than usual after routing cleaning and a location next to a boat launch where there is no vault toilet available for use.

The CWCB Board has approved similar vault toilet installations in the Gunnison Basin in May 2018 and March 2019 approving amounts of \$11,000 and \$10,000 respectively.

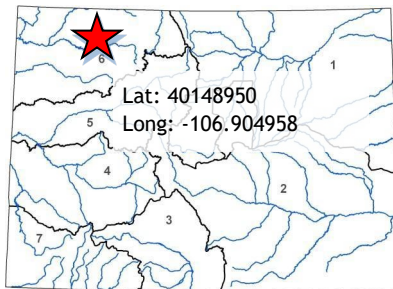
The proposal received unanimous support at the Rio Grande Basin Roundtable. The Roundtable support letter states the project reflects their strong local partnerships and because its directly relevant to two out of five of the Rio Grande Basin Implementation Plan goals.

Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval of up to \$281,750 from the Rio Grande Basin Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.



Water Supply Reserve Grant Application

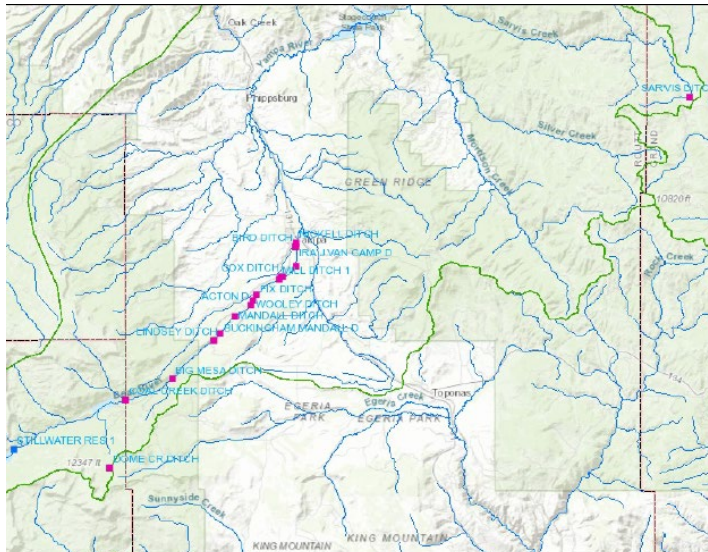


LOCATION
Counties: Garfield, Routt
Drainage Basin: Yampa-White-Green

If approved, WSRF would assist in installing data loggers with built-in satellite transmitters and radar level sensors on diversion structures located on the main stem of the Bear River in South Routt County and on the Sarvis Ditch trans-basin diversion structure in Grand County.

DETAILS	
Total Project Cost:	\$189,000
Total WSRF Grant Request:	\$157,500
Yampa-White-Green Basin Account Request:	\$25,200
Statewide Account Request:	\$132,300
Recommended Amount:	\$157,500
Other CWCB Funding:	\$0
Other Funding Amount:	\$6,300
Applicant Match:	\$25,200
Project Type: Implementation/Construction	
Water Use Type: Agricultural	
Statewide Category: Aging Infrastructure	
Measurable Result: 75 Coloradans impacted by engagement activity & incorporating water-saving actions into land use planning; Other – efficiency for both economic & water savings.	

Data loggers allow for continuous water flow data to be uploaded and accessed by both water users and water administrators on the Division of Water Resources (DWR) website in near real-time. The ability to access near real-time diversion data increases accuracy and efficiency of native stream flow and reservoir storage water deliveries, improves water management decisions and response time, and provides transparent and equitable administration.



These objectives increase adaptive capacity and create resiliency in climate change impacted stream systems. The data that is uploaded is also archived by the applicant and provides a long-term record of water use that secures and protects the value of senior water rights.

The proposed project aligns with achieving goals in the Yampa-White-Green Basin Implementation Plan.

Issues/Additional Needs: No issues or additional needs have been identified.

Funding Recommendation: Staff recommends approval of up to \$25,200 from the Yampa-White-Green Basin Account and up to \$132,300 from the Statewide Account. Project approval is contingent upon the applicants' abilities to resolve issues and additional needs identified by staff.