



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Craig Godbout
Program Manager - Water Supply Reserve Fund Grant Program
Water Supply Planning Section

DATE: July 2, 2019

AGENDA ITEM: 8 (a-f)

Staff Recommendation - Action Items: WSRF Grant Requests 8 (a-f):

A summary of staff's recommendation for each WSRF application is provided in the first component of the attached table. If applicable, the table also includes a breakdown of match amounts for applications that include a request for Statewide Account WSRF funds.

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 Criteria and Guidelines (C&G).
- 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 May 2019 CWCB Board Meeting

Agenda Item	Basin	Applicant/Grantee	Name of Water Activity	Basin(s) Account Request	Statewide Account Requests	Total Request	Non-WSRF Cash Match	Non-WSRF In-Kind Match	Non-WSRF Total Match	Statewide Match (Basin & Non-WSRF)	Total Project Costs	Staff Recommendations	PM
8(a)	South Platte	Colorado Corn Administrative Committee	Historical Analysis of South Platte River Salinity to Identify Severity, Trends, and Potential Sources - Amended Grant Request	\$15,270	\$0	\$30,540	\$15,000	\$2,500	\$17,500	n/a	\$87,040	Staff recommends approval of up to an additional \$15,270 from the South Platte Basin Account, and up to \$15,270 from the Metro Account	Craig Godbout
	Metro			\$15,270									
8(b)	Metro	Arapahoe Water and Wastewater Authority	Chambers Reservoir Rehabilitation Project – Phase 1	\$85,000	\$0	\$85,000	\$3,280,512	\$0	\$3,280,512	n/a	\$3,365,512	Staff recommends approval of up to \$85,000 from the Metro Account	Megan Holcomb
8(c)	Colorado	Learning By Doing, Inc	Design of Hammond Ditch Improvements	\$27,000	\$0	\$27,000	\$9,000	\$2,000	\$11,000	n/a	\$38,000	Staff recommends approval of up to \$27,000 from the Colorado Account	Megan Holcomb
8(d)	Colorado	Charles F. Perry	The Toponas Project	\$25,490	\$0	\$25,490	\$43,000	\$0	\$43,000	n/a	\$68,490	Staff recommends approval of up to \$25,490 from the Colorado Account	Megan Holcomb
8(e)	North Platte	Owl Mountain Partnership	Jackson County Water Structure Improvement Project #2	\$242,769	\$0	\$242,769	\$25,800	\$150,907	\$176,707	n/a	\$419,476	Staff recommends approval of up to \$242,769 from the North Platte Basin Account	Craig Godbout
8(f)	North Platte	Crosby Creek Ranch LLC	Ross Reservoir Repair	\$16,750	\$0	\$16,750	\$2,500	\$4,650	\$7,150	n/a	\$23,900	Staff recommends approval of up to \$16,750 from the North Platte Basin Account	Craig Godbout
Subtotal				\$427,549	\$0	\$427,549							

<u>Basin</u>	<u>Basin Account Requests</u>	<u>Statewide Account Requests</u>	<u>Total Requests</u>	<u>Current Basin Account Balances</u>	<u>Remaining Basin Account Balances (if all requests approved)</u>	<u>Current Statewide Account Balance</u>	<u>Remaining Statewide Account Balance (if all requests approved)</u>
<u>Arkansas Basin</u>	\$0	\$0	\$0	\$177,221	\$177,221		
<u>Colorado Basin</u>	\$52,490	\$0	\$52,490	\$115,306	\$62,816		
<u>Gunnison Basin</u>	\$0	\$0	\$0	\$279,738	\$279,738		
<u>Metro</u>	\$100,270	\$0	\$100,270	\$619,864	\$519,594		
<u>North Platte</u>	\$259,519	\$0	\$259,519	\$847,129	\$587,610	\$1,314,579	\$1,314,579
<u>Rio Grande</u>	\$0	\$0	\$0	\$59,952	\$59,952		
<u>Southwest</u>	\$0	\$0	\$0	\$251,088	\$251,088		
<u>South Platte</u>	\$15,270	\$0	\$15,270	\$462,720	\$447,450		
<u>Yampa/White/Green</u>	\$0	\$0	\$0	\$608,806	\$608,806		
<u>Water Supply Reserve Fund Total Requests</u>	\$427,549	\$0	\$427,549	\$3,421,824	\$2,994,275		

COLORADO WATER CONSERVATION BOARD
Water Supply Reserve Fund - Balance Summary
JUNE 2019

6/1/2019

Fund Appropriation and Receipts				
Fiscal Year	Legislative Appropriation	Funds Received	Statewide Account	Basin Account
2006/2007	\$10,000,000	\$10,000,000	\$5,500,000	\$4,500,000
2007/2008	\$6,000,000	\$6,000,000	\$4,200,000	\$1,800,000
2008/2009	\$10,000,000	\$7,000,000	\$4,300,000	\$2,700,000
2009/2010	\$5,775,000	\$5,775,000	\$4,215,750	\$1,559,250
2010/2011	\$6,000,000	\$6,000,000	\$4,380,000	\$1,620,000
2011/2012	\$7,000,000	\$7,000,000	\$4,732,000	\$2,268,000
2012/2013	\$10,000,000	\$7,157,724	\$4,580,943	\$2,576,781
2013/2014	\$10,000,000	\$10,091,639	\$6,458,649	\$3,632,990
2014/2015	\$10,000,000	\$10,000,000	\$6,400,000	\$3,600,000
2015/2016	\$10,000,000	\$9,103,590	\$5,826,298	\$3,277,292
2016/2017	\$0	\$0	\$0	\$0
2017/2018	\$10,000,000	\$1,455,776	\$931,697	\$524,079
2017/2018 CF	\$10,000,000	\$7,000,000	\$4,480,000	\$2,520,000
2018/2019 CF	\$0	\$3,544,884	\$2,268,726	\$1,276,158
Interest	N/A	\$2,857,935	\$1,829,078	\$0
Prior Years Interest Adjustment			\$1,028,856	\$0
2014/2015 Interest	N/A	\$ 240,216	\$240,216	\$0
2015/2016 Interest	N/A	\$ 219,458	\$219,458	\$0
2016/2017 Interest	N/A	\$ 223,936	\$223,936	\$0
2017/2018 Interest	N/A	\$ 376,467	\$376,467	\$0
2018/2019 Interest	N/A	\$ 397,869	\$397,869	\$0
TOTAL	\$104,775,000	\$94,444,493	\$62,589,942	\$31,854,551

Note: The WSRF is a Severance Tax "Tier II" program & CF Funding with 40% of funds distributed on July 1, 30% on January 1, and the final 30% on April 1.

In FY 2008/2009 the final 30% installment of \$3,000,000 was not received due to the State's budgetary shortfall.

In January 2012 interest for the program from its inception to date was credited directly to the Statewide Account.

Interest from January 2012 on is regularly calculated by the Treasury and credited to the Statewide Account.

Fund Distribution					
Basin	Approved Basin Grants	Total Basin Funds	Basin Account Balance	Approved State Grants	Statewide Account Balance
Arkansas	\$3,362,174	\$3,539,395	\$177,221	\$11,544,935	
Colorado*	\$3,424,089	\$3,539,395	\$115,306	\$6,283,985	
Southwest *	\$3,288,307	\$3,539,395	\$251,088	\$8,161,644	
Gunnison *	\$3,259,657	\$3,539,395	\$279,738	\$6,282,952	
Metro *	\$2,919,531	\$3,539,395	\$619,864	\$7,461,732	
North Platte	\$2,692,266	\$3,539,395	\$847,129	\$842,844	
Rio Grande*	\$3,479,443	\$3,539,395	\$59,952	\$12,209,690	
South Platte *	\$3,076,675	\$3,539,395	\$462,720	\$7,639,612	
Yampa/White	\$2,930,589	\$3,539,395	\$608,806	\$847,969	
TOTAL	\$28,432,731	\$31,854,551	\$3,421,824	\$61,275,363	\$1,314,579
TOTAL APPROVED GRANTS					\$89,708,094

Note: Only includes grants approved by CWCB

* Comments reflect adjustments to balances

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
July 17-18, 2019
Agenda Item 8(a)
Amended Grant Request

Co-Applicants: NEIRBO Hydrogeology/Colorado Corn Administrative Committee

Grantee: Colorado Corn Administration Committee

Water Activity Name: Historical Analysis of South Platte River Salinity to Identify Severity, Trends, and Potential Sources (**Salinity Study**)

Water Activity Purpose: Multipurpose/Study (Ag/M&I/Needs Assessment)

County: Multiple South Platte Basin Counties

Drainage Basin: South Platte

Water Source: South Platte River

Amount Requested: **\$15,270 South Platte Basin Account**
\$15,270 Metro Account
\$30,540 Total Request
\$39,000 South Platte Basin Account (previous approval March 2019)
\$69,540 Total Combined WSRF Basin Account Request

Matching Funds: Applicant & 3rd Party Match (cash & in-kind) = \$17,500

- **25%** of the Total Combined Basin Account request (meets 25% min)

Staff Recommendation:

Staff recommends approval of up to an additional \$15,270 from the South Platte Basin Account, and up to \$15,270 from the Metro Account to help fund the project titled: Historical Analysis of South Platte River Salinity to Identify Severity, Trends, and Potential Sources.

Water Activity Summary: CWCB staff noticed a commonality between the South Platte Regional Water Development Concept Feasibility Study (SPRWDC) WSRF Grant approved by the CWCB in September 2018, and the first iteration of this WSRF Grant (Salinity Study) request approved by CWCB in March 2019. Therefore staff requested the respective parties involved in both grants to work together to determine if by expanding the scope of work of the Salinity Study it could better inform the SPRWDC efforts when evaluating potential water treatment strategies. The result of that collaboration determine that yes, by expanding the Salinity Study scope of work to include additional constituents the SPRWDC efforts would be advanced beyond that originally proposed.

From the amended application:

The South Platte Regional Water Development Concept Feasibility Study (SPRWDC) is evaluating water-supply development concepts, which includes identifying appropriate water treatment strategies.

The source water quality will dictate the constituents that require treatment and the most appropriate treatment methods. The SPRWDC has requested that 12 additional constituents be included in the South Platte River (SPR) water-quality evaluation (Table 1). It is proposed that these additional constituents be included with Total Dissolved Solids (approved in prior SPBRT WSRF Grant) and analyzed for trends and correlations. The analyses will focus on how concentrations vary in relation to SPR flow and seasonal influences.

In addition to an expanded list of constituents to be examined, Colorado Corn proposes to establish a demonstration plot along the South Platte River where dry beans will be irrigated with untreated South Platte River water to determine the effects untreated river water may have on the viability of raising dry beans.

From the original Water Activity Summary:

WSRF grant funds, if approved, will assist NEIRBO Hydrogeology and the Colorado Corn Administrative Committee investigate current salinity and the historical salinity trends along the South Platte River. Total Dissolved Solids (TDS) is an indicator of salts in irrigation water that can damage soils, reduce crop yields, and negatively impact the sustainability of irrigated agriculture. South Platte River sampling in September 2018 confirmed that TDS concentrations increase dramatically through the Denver Metro area and reach levels that can damage crops. Potential salinity sources include Municipal waste water treatment facility sewage effluent, agricultural return flows, road deicing solutions, geologic formations, livestock waste, and produced water from oil and gas development.

Project objectives are to determine if salinity concentrations are a concern for irrigated agriculture, identify salinity severity and trends, evaluate the influence of historical water management practices, and to identify potential salinity sources. This project will analyze historical TDS concentrations to identify trends over time and along the South Platte River. Long-term, seasonal, and spatial trends will be used to identify potential salinity sources. Trends will be analyzed for correlations with major water-management policies.

Discussion: This project supports the goals of maintaining, enhancing and proactively manage water quality for all use classifications as called for in the South Platte Basin Implementation Plan, as well as assisting the state to promote protection and restoration of water quality as called for in Chapter 10, Section 10.3 F. Watershed Health, Environmental, and Recreation in Colorado's Water Plan.

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

Eligibility Requirements: The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

Evaluation Criteria: This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to Basin Roundtable Chair's Recommendation Letter and the WSRF Grant Application for applicant's detailed response.

Funding Summary/Matching Funds:

<u>Funding Sources</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>	<u>Status</u>
Colorado Corn Administrative Committee	\$15,000	\$0	\$15,000	Secured
Central Colorado Water Conservancy District	\$0	\$2,500	\$2,500	Secured
Subtotal	\$15,000	\$2,500	\$17,500	
WSRF South Platte Basin Account (previous approval)	\$39,000	\$0	\$39,000	Secured
WSRF South Platte Basin Account	\$15,270	\$0	\$15,270	Secured
WSRF Metro Account	\$15,270	\$0	\$15,270	Secured
Subtotal Total Combined WSRF Basin Accounts	\$69,540	\$0	\$69,540	
Total Study Costs	\$84,540	\$2,500	\$87,040	

CWCB Project Manager: Craig Godbout

**Water Supply Reserve Fund
Water Activity Summary Sheet
July 17, 2019
Agenda Item 8(b)**

Applicant & Grantee: Arapahoe Water and Wastewater Authority
Water Activity Name: Chambers Reservoir Rehabilitation Project: Phase One
Water Activity Purpose: Municipal Implementation
County: Douglas
Drainage Basin: Cherry Creek
Water Source: Cherry Creek
Amount Requested: \$85,000 Metro Account
Matching Funds: Applicant Match (cash & in-kind) = \$3,280,512 (cash)

- 3859% of the Basin Account request (meets 25% min)
- 97% of the total project cost of \$3,365,512

Staff Recommendation:

Staff recommends approval of up to \$85,000 from the Metro Account to help fund the project titled: Chambers Reservoir Rehabilitation Project: Phase One.

Water Activity Summary: This project supports the Arapahoe County Water and Wastewater Authority (ACWWA) in a two-phase project to make Chambers Reservoir a viable, effective component of ACWWA’s comprehensive water supply system. ACWWA is a water and sanitary service provider with a service area that is roughly ten square miles and comprised of 3,500 residences and businesses in Arapahoe and northern Douglas County. Chambers Reservoir is currently unable to serve ACWWA’s customers due to construction defects in the reservoir’s clay liner.

As part of the ACWWA Flow Project, Chambers Reservoir is critical to ACWWA’s non-potable irrigation system. The reservoir is fed with raw Cherry Creek alluvial water and is meant to act as both a buffer to meet peak-day demands in the summer months, and as a settling zone for the high concentrations of iron and manganese that are prevalent in the Cherry Creek alluvium. ACWWA currently provides enough raw water to irrigate 50 acres of land. At buildout, with Chambers Reservoir operating properly, ACWWA will be able to provide enough raw water to irrigate 185 acres of land. Phase one of the project is dedicated to the earthwork necessary to repair the failed side slopes of the reservoir in preparation for it to be outfitted with a synthetic liner during Phase 2. WSRF grant funding will be used specifically for the earthwork of Phase One.

Discussion: As described in the Metro Roundtable chair’s recommendation letter, this project was unanimously supported and recommended for approval by the roundtable on June 13, 2019. This project will meet several goals in the South Platte/Metro Basin Implementation Plan to 1) “Assure strong drought protection programs”, 2) “Maximize the Implementation of IPPs”, and 3) “Maximize Use and Effectiveness of Native South Platte Supplies”. The completion of the Rehabilitation Project will get ACWWA closer to their goal of 100% renewable water supplies and allow ACWWA’s non-

tributary groundwater to be a dedicated drought reserve. This project will restore 1400 acre-feet of storage.

Issues/Additional Needs: None

Eligibility Requirements: The application meets requirements of all eligibility components.

Evaluation Criteria: Staff has determined this activity satisfies the Evaluation Criteria.

Funding Summary / Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
Arapahoe County Water and Wastewater Authority	\$3,280,512	\$0	\$3,280,512
WSRF Metro Account	\$85,000	n/a	\$85,000
Totals	\$3,365,512	\$0	\$3,365,512

CWCB Project Manager: Megan Holcomb

**Water Supply Reserve Fund
Water Activity Summary Sheet
July 17, 2019
Agenda Item 8(c)**

Applicant & Grantee: Learning By Doing, Inc.
Water Activity Name: Design of Hammond Ditch Improvements: Phase One
Water Activity Purpose: Env, Rec, & Agricultural Study
County: Grand
Drainage Basin: Colorado
Water Source: Fraser River
Amount Requested: \$27,000 Colorado Basin Account
Matching Funds: Applicant Match (cash & in-kind) = \$11,000

- 40.7% of the Basin Account request (meets 25% min)
- 28.9% of the total project cost of \$38,000

Staff Recommendation:

Staff recommends approval of up to \$27,000 from the Colorado Basin Account to help fund the project titled: Design of Hammond Ditch Improvements: Phase One.

Water Activity Summary: This project is a collaborative effort by the Learning By Doing (LBD) partners to improve an irrigation diversion structure to prevent fish entrainment, improve diversions efficiency, and improve habitat connectivity and fish passage on the Fraser River. LBD is a cooperative effort of Grand County, Denver Water, Northern Water, Middle Park Water Conservancy District, Colorado River Water Conservation District, Trout Unlimited and Colorado Parks and Wildlife, resulting from two intergovernmental agreements.

LBD plans to install a fish screen at the headgate of Hammond No. 1 Ditch to prevent fish loss in the ditch, make improvements to the diversion structure to reduce leakage, and retrofit a rock cross vane on the mainstem Fraser River in the vicinity of the headgate to improve fish passage. A Colorado Parks and Wildlife fish biologist documented fish entrainment in the ditch when it's diverting. Significant leaks at the diversion structure were also observed. Further, the rock cross vane diversion structure is potentially a barrier to some fish species and life stages, preventing upstream migration to spawning areas. LBD plans to complete this project in two phases, beginning with design and engineering in 2019 (this request), followed by construction in 2020 providing funding is secured. LBD anticipates requesting additional funding once the cost of construction is estimated as part of design and engineering. Ditch owners have provided preliminary approval pending review of the design.

Discussion: As described in the Colorado Basin Roundtable (BRT) chair's recommendation letter, this project was unanimously supported and recommended for approval by the roundtable on May 20, 2019. This project will meet two primary Colorado Basin Implementation Plan goals to 1) "Protect and Restore Healthy Streams, Rivers, Lakes and Riparian Areas" and 2) "Sustain Agriculture". Specifically, the project will improve irrigation infrastructure while improving improve habitat connectivity and fish passage on the Fraser River.

Issues/Additional Needs: None

Eligibility Requirements: The application meets requirements of all eligibility components.

Evaluation Criteria: Staff has determined this activity satisfies the Evaluation Criteria.

Funding Summary / Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
Learning By Doing Management Committee	\$9,000	\$2,000	\$11,000
WSRF Colorado Basin Account	\$27,000	n/a	\$27,000
Totals	\$36,000	\$2,000	\$38,000

CWCB Project Manager: Megan Holcomb

**Water Supply Reserve Fund
Water Activity Summary Sheet
July 17, 2019
Agenda Item 8(d)**

Applicant & Grantee: Perry Ranch
Water Activity Name: The Toponas Project: Phase One
Water Activity Purpose: Agricultural Implementation
County: Routt
Drainage Basin: Colorado
Water Source: Toponas Creek
Amount Requested: \$25,490 Colorado Basin Account
Matching Funds: Applicant Match (cash & in-kind) = \$43,000

- 168% of the Basin Account request (meets 25% min)
- 62.8% of the total project cost of \$68,490

Staff Recommendation:

Staff recommends approval of up to \$25,490 from the Colorado Basin Account to help fund the project titled: The Toponas Project: Phase One.

Water Activity Summary: This project supports improvements to Toponas Rock Reservoir in Routt County. Funds will primarily be used for spillway repairs deemed mandatory by Division of Water Resources, Division 5, as a result of Spring 2019 runoff damage to address safety concerns and deferred maintenance. Toponas Rock Reservoir is a large body of water on the State School Section. The Perrys own the majority share the 1st fill and all of the 2nd fill (up to 262 AF annually). Production includes 400 acres of hay production under irrigation which includes two neighboring ranches (leased), along with grazing areas on one state land board parcel. Spring 2019 runoff caused severe damage to the spillway construction that was implemented Fall 2018. The State Engineer’s Office have instructed Perry Ranch that mandatory repairs (totaling \$28,490) will need to take place late summer 2019 to address new dam safety concerns that include repairs to the spillway, spillway finish, and downstream channel path.

Discussion: As described in the Colorado Basin Roundtable (BRT) chair’s recommendation letter, this project was unanimously supported and recommended for approval by the roundtable on May 20, 2019. This project will meet the Colorado Basin Implementation Plan goals to 1) “Sustain Agriculture”. Once complete, phase one will address the primary concerns of the Colorado Dam Safety Office, as this is an outstanding work order that has appeared in the past 2-3 inspection reports. Funding from the Colorado Basin account will allow the ranching operation to repair, sustain, and improve upon, current consumptive needs.

Regarding any mention of the “Perry Pipeline” in the application: This project and scope of work was divided into two phases as the applicant had not yet secured substantial funding to pursue repair of the Perry Pipeline portion of the project. Perry Ranch expects to receive funding for the pipeline from

NRCS in 2020 which they will pair with an ag loan (with CoBank or CWCB). Toponas Rock water cannot be used on the ranch until a pipeline is installed to deliver water to the Perry's hay meadow.

Issues/Additional Needs: None

Eligibility Requirements: The application meets requirements of all eligibility components.

Evaluation Criteria: Staff has determined this activity satisfies the Evaluation Criteria.

Funding Summary / Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
Perry Ranch (Marissa Perry)	\$43,000	\$0	\$43,000
WSRF Colorado Basin Account	\$25,490	n/a	\$25,490
Totals	\$68,490	\$0	\$68,490

CWCB Project Manager: Megan Holcomb

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
July 17-18, 2019
Agenda Item 8(e)

Applicant & Grantee: Owl Mountain Partnership (OMP)
Water Activity Name: Jackson County Water Structure Improvement Project #2
Water Activity Purpose: Multipurpose (Environmental/Recreational/ & Agricultural) Implementation
County: Jackson
Drainage Basin: North Platte
Water Source: Grizzly Creek, Willow Creek and other North Platte tributaries
Amount Requested: \$242,769 North Platte Basin Account
Matching Funds: Applicant Match (cash & in-kind) = \$176,776
• 73% of the Basin Account request (meets 10% min)

Staff Recommendation:

Staff recommends approval of up to \$242,769 from the North Platte Basin Account to help fund the project titled: Jackson County Water Structure Improvement Project #2.

Water Activity Summary: WSRF grant funds, if approved, will assist Owl Mountain Partners install or replace water controls structures on 5 existing ditches: The Staples 1 Ditch, Rattler Ditch, Squibob Ditch, Big Grizzly Ditch, and the Darcy Ditch. Proposed improvements include installing check structures, diversion and headgate structures, and the installation of 300 feet of irrigation pipe. Two of the projects are located on USFS lands while the remaining three are located on private property and all property owners have conveyed their consent and are ready to initiate construction. These improvements address both agricultural and environmental needs in a cost effective and collaborative way, while providing irrigation water to multiple parties hay irrigate over 1,200 acres of hay and pasture land in Jackson County. The irrigation water also creates irrigated induced wetlands and riparian areas that provide habitat for wildlife species as well as recreational opportunities.

Discussion: This project assists the North Platte Basin Roundtable in meeting Goals 3, 4 and Agricultural needs of the North Plate Basin Implementation Plan. Per the North Platte Basin Roundtable (NPBRT) Chair recommendation letter this effort will assist the NPBRT develop their full allocation of irrigation acres allowed under the equitable apportionment Supreme Court Decree and the Three States Agreement.

Issues/Additional Needs: As indicated in the Funding Summary/Matching Funds table below, 5 letters of matching commitment are outstanding, therefore these projects will be placed under contract upon CWCB receipt of these letters, otherwise no issues or additional needs have been identified.

Eligibility Requirements: The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

Evaluation Criteria: This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to Basin Roundtable Chair’s Recommendation Letter and the WSRF Grant Application for applicant’s detailed response.

Funding Summary/Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>	<u>Status</u>
NRCS	\$0	\$25,800	\$25,800	Secured
VanValkenburg Family LLC	\$22,524	\$0	\$22,524	Pending
Deline Land & Cattle Co LLC	\$29,659	\$0	\$29,659	Pending
Baller Ranch LLC	\$7,999	\$0	\$7,999	Pending
Shawn Silverberg	\$82,849	\$0	\$82,849	Pending
Moriah Ranch LLC	\$7,945	\$0	\$0	Pending
Subtotal	\$150,976	\$25,800	\$176,776	
WSRF North Platte Basin Account	\$242,769	\$0	\$242,769	Secured
Total Project Costs	\$393,745	\$25,800	\$419,545	

CWCB Project Manager: Craig Godbout

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
July 17-18, 2019
Agenda Item 8(f)

Applicant & Grantee: Crosby Creek Ranch LLC
Water Activity Name: Ross Reservoir Repair
Water Activity Purpose: Agricultural/Implementation
County: Jackson
Drainage Basin: North Platte
Water Source: Crosby Creek
Amount Requested: \$16,750 North Platte Basin Account
Matching Funds: Applicant Match (cash & in-kind) = \$7,150
• 43% of the Basin Account request (meets 10% min)

Staff Recommendation:

Staff recommends approval of up to \$16,750 from the North Platte Basin Account to help fund the project titled: Ross Reservoir Repair.

Water Activity Summary: WSRF grant funds, if approved, will assist Crosby Creek Ranch rebuild a 108-year-old dam at Ross Reservoir. In 2010 the storage right was placed on the abandonment list due to erosion caused by overtopping. The applicant successfully petitioned the court to preserve the original storage right and was given until 2019 to complete the necessary repairs. These repairs include installing concrete block with rock and dirt backfill, installing an outlet pipe, and a spillway.

Discussion: This project assists the North Platte Basin Roundtable in meeting the agricultural needs of the North Plate Basin Implementation Plan. Per the North Platte Basin Roundtable (NPBRT) Chair recommendation letter this effort will assist the NPBRT develop their full allocation of irrigation acres allowed under the equitable apportionment Supreme Court Decree and the Three States Agreement.

Issues/Additional Needs: CWCB staff will work with the applicant to further define the Statement of Work and Budget, otherwise no issues or additional needs have been identified.

Eligibility Requirements: The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

Evaluation Criteria: This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to Basin Roundtable Chair's Recommendation Letter and the WSRF Grant Application for applicant's detailed response.

Funding Summary/Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>	<u>Status</u>
Crosby Creek Ranch LLC	\$2,500	\$4,650	\$7,150	Secured
WSRF North Platte Basin Account	\$16,750	\$0	\$16,750	Secured
Total Project Costs	\$19,250	\$4,650	\$23,900	

CWCB Project Manager: Craig Godbout