



Last Update: August 3, 2017

Colorado Water Conservation Board
Water Supply Reserve Fund Grant Application

Instructions		
---------------------	--	--

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

Arkansas Ben Wade ben.wade@state.co.us 303-866-3441 x3238	Gunnison North Platte South Platte Yampa/White Craig Godbout craig.godbout@state.co.us 303-866-3441 x3210	Colorado Metro Rio Grande Southwest Megan Holcomb megan.holcomb@state.co.us 303-866-3441 x3222
---	--	---

WSRF Submittal Checklist (Required)	
--	--

x	I acknowledge this request for funding was recommended for CWCB approval by the sponsoring Basin Roundtable(s).
x	I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines .
x	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract . ⁽¹⁾
Exhibit A	
x	Statement of Work ⁽²⁾ (Word – see Exhibit A Template)
x	Budget & Schedule ⁽²⁾ (Excel Spreadsheet – see Exhibit A Template)
	Letters of Matching and/or Pending 3 rd Party Commitments ⁽²⁾
Exhibit C	
x	Map ⁽²⁾
	Photos/Drawings/Reports
	Letters of Support
N/A	Certificate of Insurance ⁽³⁾ (General, Auto, & Workers' Comp.)not possible on national forest land
Contracting Documents	
x	Certificate of Good Standing ⁽³⁾
x	W-9 ⁽³⁾
N/A	Independent Contractor Form ⁽³⁾ (If applicant is individual, not company/organization)
	Electronic Funds Transfer (ETF) Form ⁽³⁾

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

(3) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.



Last Update: August 3, 2017

Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	March (if possible)
Desired Notice to Proceed Date:	July

Water Activity Summary		
Name of Applicant	Surface Creek Ditch & Reservoir	
Name of Water Activity	Deep Ward Dam Rehabilitation Project	
Approving Roundtable(s)		Basin Account Request(s) ⁽¹⁾
Gunnison		\$50,000.00
Basin Account Request Subtotal		\$ 50,000.00
Statewide Account Request ⁽¹⁾		\$190,000.00
Total WSRF Funds Requested (Basin & Statewide)		\$240,000.00
Total Project Costs		\$381,725.00

(1) Please indicate the amount recommended for approval by the Roundtable(s)

Last Update: August 3, 2017

Grantee and Applicant Information	
Name of Grantee(s)	Surface Creek Ditch & Reservoir Company
Mailing Address	17528 Happy Hollow Road Cedaredge, CO 81413
FEIN	84-0458460
Grantee's Organization Contact ⁽¹⁾	Keith Waibel
Position/Title	President
Email	Gutierrez646@hotmail.com
Phone	970-201-6481
Grant Management Contact ⁽²⁾	Loree Gutierrez
Position/Title	Hired secretary
Email	Gutierrez646@hotmail.com
Phone	970-234-3804
Name of Applicant (if different than grantee)	Keith Waibel
Mailing Address	17528 Happy Hollow Road Cedaredge, CO 81413
Position/Title	President
Email	Gutierrez646@hotmail.com
Phone	970-201-6481

(1) Person with signatory authority

(2) Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>Surface Creek Ditch & Reservoir Company (SCDR) is a company comprised of 15 active reservoirs on the Grand Mesa with a total of 10,135.05 acre feet of water. The company has a total of 810 shares and comprised of 283 shareholders.</p> <p>The company has Senior decrees dating back to the 1880's. The SCDR water is administered to stockholders in the Surface Creek Valley via the Grand Mesa Water Users Association. SCDR is the responsible party for the maintenance and repair of all of its reservoirs.</p> <p>The company is comprised of 7 directors. They are elected at staggered two year terms. The company does retain a hired secretary.</p> <p>The company commenced work on Deep Ward Lake in August of 1886. At that time the reservoir held a total of 932.5 AF. In September of 1907 the dam of said reservoir was raised to 18.7 feet making the total capacity 1478.27AF. The dam was once again raised to 20 feet making our capacity 1710 AF.</p> <p>Deep Ward has a no.1 filling right of 932.5 AF adjudicated in 1907. It also has an H29 filling right of 545 AF adjudicated in 1937. Surface Creek Ditch and Reservoir has a blanket filing decree for all 15 reservoirs from 1948.</p>



Last Update: August 3, 2017

Type of Eligible Entity (check one)	
	Public (Government): municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
x	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
	Study
x	Implementation

Category of Water Activity (check all that apply)		
x	Nonconsumptive (Environmental)	
x	Nonconsumptive (Recreational)	
x	Agricultural	
x	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
	Other	Explain:

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Delta County
Latitude	38.853136
Longitude	-107.763621



Last Update: August 3, 2017

Water Activity Overview

Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, area of habitat improvements. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.

Seepage has been observed along the left outside edge of the outlet pipe penetrating through the dam and in an area to the downstream right side of the outlet. In September 2017 a dye tracer test was performed. It confirmed that the previously noted seepage near the existing outlet works conduit is proportional to reservoir water levels. It is concentrated along the existing outlet pipe and could lead to internal erosion and failure of the dam. As a result the engineer's report recommended a zero storage restriction and classified it as a small, high hazard structure.

Our next step, beyond securing funding, is with our engineering company. They will proceed with site survey and testing at the site. They will provide a Geotechnical report and design criteria and design package. These will then be submitted to the Colorado Department of Water Resources. Once any corrections are made the final documents will be provided to the CDWR. Once this is approved we can start construction of the project.

The dam will have to be breached above the outlet pipe. We will collect all materials in hopes of being able to reuse as much material as possible. The outlet pipe will then be removed and replaced. The material will then be used to rebuild the dam according to specifications. The engineering company will be on site to assure general conformance to the approved construction plans and they will be performing material testing.

Once the project is complete our engineering company will provide a final construction report and As-Built Drawings.

The company has already paid for the dye testing in the fall of 2017 and the engineering cost to date. The company can manage some of the engineering costs if we are able to get funding for the construction costs.

This reservoir is used for many things with the number one priority going to agriculture. It is a vital water storage structure on Grand Mesa. It has a capacity of 1710 acre feet. This is approximately 19% of the SCDR company water or 6% of the total stored water on Grand Mesa. It supplies irrigation water for numerous farms in the valley. The reservoirs on the Grand Mesa must be kept in working order so that the acreage irrigated by this source remains in agriculture and not dry land or urban sprawl.

The Towns of Cedaredge and Orchard City own 26 of the 810 total water shares of the SCDR. It is not classified as municipal but could be used in the event of a drought.

This reservoir is also used by many for fishing, boating and camping.

There are native fish occupying the reservoir.

Without the help of grant money to proceed, the cost of this project would be prohibitive for the stockholders of this company.

Measurable Results



Last Update: August 3, 2017

Measurable Results	
To catalog measurable results achieved with WSRF funds please provide any of the following values.	
	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
1710 AC	Existing Storage Preserved or Enhanced (acre-feet)
	Length of Stream Restored or Protected (linear feet)
	Efficiency Savings (indicate acre-feet/year OR dollars/year)
	Area of Restored or Preserved Habitat (acres)
	Length of Pipe/Canal Built or Improved
	Other Explain:

Water Activity Justification
<p>Provide a description of how this water activity supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the respective Roundtable Basin Implementation Plan and Education Action Plan ⁽¹⁾. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in 2016 WSRF Criteria and Guidelines).</p>

Last Update: August 3, 2017

Water Activity Justification

The Deep Ward Outlet Repair Project supports the goals of the Colorado Water Plan and the Roundtable Basin Implementation Plan. As stated in the Basin Implementation Plan, Section 1 Table 1 the primary goal is to protect existing water uses. This project will ensure a continued supply of water for agriculture and municipal (Towns of Cedaredge and Orchard City own 26 of the 810 shares). It will also ensure the safety of the dam. SCDR is the applying entity and is also a member of the Grand Mesa Water Users Association, which administers all storage water on Grand Mesa. This repair project will ensure the continued storage and use of existing Colorado water.

The Implementation Plan stated on page 30 Goal 1 reflects an agreement among inhabitants that the existing water uses for agriculture, industrial, environmental and recreational purposes be protected. Without this repair there will be a definite shortcoming of water. It would cause a loss of water affecting the environment, recreation, municipalities and agriculture. It would create a loss of 1710 AF of water which is 19% of the SCDR water and 6% of all stored water on the Grand Mesa. This project will preserve agricultural land in the Surface Creek Valley, thus helping to keep open space. There are no environmental concerns if this project is completed, but if it is not done, there will be a loss of fishery and wildlife habitat and recreation in the area. There would also be the severe lack of water for agriculture and municipalities. Goal #8 states to restore, maintain and modernize critical water infrastructures. This project will be a definite improvement to our current situation, modernizing this dam for efficiency and safety.

In the Colorado Water Plan section 10.1 it states that Colorado is one of the fastest growing states in the country. With this comes the uncertainty of our water. We need innovative solutions and additional conservation to stretch Colorado's water supplies and maintain aging reservoirs, canals and distribution systems. This project would promote maximum utilization of state water and will rehabilitate an aging reservoir dam and outlet.

SCDR has 810 shares of stock in the company. Deep Ward currently has a zero fill restriction, which causes an approximate storage loss of 2 acre feet per share per year.

Funding from WSRF will ensure that this repair takes place. SCDR is currently paying on a CWCB loan for another reservoir repair project. The Company makes a yearly payment to CWCB for \$13,172.93. The company has a balance of \$172,262.54 left on this CWCB loan. It is doubtful that the stockholders could withstand the higher assessments needed to have a second loan. The overall cost effectiveness is the value of stored water is so great that it must be preserved. The company is ready to proceed with this project at this time except for the funding.

The company currently has the state engineer's preliminary approval for the breach of the dam.

(1) Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.



Last Update: August 3, 2017

Matching Requirements: Basin Account Requests

Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3rd party and shall be accompanied by a **letter of commitment** as described in the 2016 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (note cash or in-kind)
Total Match	
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests

Statewide Account grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3rd party) and shall be accompanied by a **letter of commitment**. Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (note cash or in-kind):
Surface Creek Ditch & Reservoir Company	141,725.00---cash
Basin Roundtable	50,000.00---cash
Total Match	\$191,725.00
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Without a waiver from the Basin and State it would be doubtful if the company can come up with the additional money needed since we already have a large loan payment through CWCB.



Last Update: August 3, 2017

Related Studies

Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.

N/A

Previous CWCB Grants

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order

1. Surface Creek Ditch & Reservoir Company
2. Eggelston Dam repair project
3. We worked with Dori Vigil and Ben Wade
4. July 20, 2016
5. #POGG1 2017-388

The Eggelston Dam repair project is a completely different reservoir than the one we are currently applying for with the Deep Ward Dam Repair Project.

Tax Payer Bill of Rights

The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

N/A

Last Update: August 3, 2017

**Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
September 18-20, 2018
Agenda Item 12(a)**

Applicant & Grantee: Surface Creek Ditch & Reservoir Company
Water Activity Name: Deep Ward Dam Repair Project
Water Activity Purpose: Multipurpose/Implementation
County: Delta
Drainage Basin: Gunnison
Water Source: Ward Creek
Amount Requested: \$50,000 Gunnison Basin Account
\$190,000 Statewide Account
\$240,000 Total request

Matching Funds: Applicant Match (cash) = \$141,725
• 59% of Statewide Account request (meets 10% min)
Basin Account Match = \$50,000
• 26% of Statewide Account request (meets 10% min)
Total Match (Applicant & Basin Account) = \$191,725
• 80% of Statewide Account request (meets 50% min)

Staff Recommendation:

Staff recommends approval of up to \$50,000 from the Gunnison Basin Account, and \$190,000 from the Statewide Account to help fund the project titled: Deep Ward Dam Repair Project.
--

Water Activity Summary: WSRF grant funds, if approved, will assist the Surface Creek Ditch and Reservoir Company to rehabilitate the Deep Ward Dam located on the Grand Mesa in order to lift a fill restriction imposed by the State Engineer and preserve 1,710 acre feet of storage for agricultural irrigation, recreational uses, and potential M&I usage. The applicant will fund preliminary engineering, testing, existing topographic site surveying, geotechnical report, final engineering design, a portion of construction costs, construction oversight, post construction documentation, and contingencies. WSRF funding will be expended on the remaining construction costs, construction surveying, and the pay and performance bond. Construction activities include breeching the dam above the outlet pipe, recycling dam material for future placement, and the replacement of the outlet pipe.

Discussion: This effort will assist the Gunnison Basin Roundtable achieve Goal #1 in their Basin Implementation Plan: Protect existing water uses in the Gunnison Basin, and Goal #2: Improve agricultural water supplies to reduce shortages while simultaneously assisting the state reach the goals of maintaining storage and agriculture as highlighted in Chapter 10 of 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 Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>	<u>Status</u>
Surface Creek Ditch & Reservoir Company	\$141,725	\$0	\$141,725	Secured
WSRF Gunnison Basin Account	\$50,000	n/a	\$50,000	Secured
Sub-total	\$191,725	\$0	\$191,725	
WSRF Statewide Account	\$190,000	n/a	\$190,000	
Total Project Costs	\$381,725	\$0	\$381,725	

CWCB Project Manager: Rachel Pittinger

*The Gunnison Basin Roundtable
501 Palmer Street
Delta, CO 81416*

March 30, 2018

Mr. Craig Godbout
Water Supply Management Section
COLORADO WATER CONSERVATION BOARD
1313 Sherman St., Room 718
Denver, CO 80203

Re: WSRF Grant Request: Deep Ward Dam Repair Project

Dear Mr. Godbout:

This letter is presented to advise you that the grant application submitted by the Surface Creek Ditch and Reservoir Company for \$75,000 from Basin Account funds and \$215,375 from Statewide Account funds from the Water Supply Reserve Fund for the Kehmeier Dam Riprap Project was reviewed by the Gunnison Basin Roundtable and its Project Screening Committee. The request for funding was approved IN PART by a unanimous vote of the Gunnison Basin Roundtable during our meeting on March 19, 2018. The revised amount approved was \$50,000 from Basin funds and \$190,000 from Statewide funds.

This water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes. The requirements/language from the statute is provided in Part 3 of the Criteria and Guidelines. In addition, this project meets Goals 1, 2, 3 and 8 of the Gunnison Basin Implementation Plan.

Thank you for your support of this grant application.

Sincerely,



Frank J. Kugel
Gunnison Basin Roundtable

cc: Kathleen Curry (email)
Tom Alvey (email)
Surface Creek Ditch and Reservoir Company, applicant (email)

bing maps

Notes

