

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) <u>AND</u> 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 <u>megan.holcomb@state.co.us</u> 303-866-3441 x3222

WSRF Submittal Checklist (Required) Х I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable. Х I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines. Х I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract.⁽¹⁾ **Application Documents** Exhibit A: Statement of Work⁽²⁾ (Word – see Template) Х Х Exhibit B: Budget & Schedule⁽²⁾ (Excel Spreadsheet – see Template) Х Letters of Matching and/or Pending 3rd Party Commitments⁽²⁾ Х Map⁽²⁾ Photos/Drawings/Reports Letters of Support Contracting Documents⁽³⁾ Detailed/Itemized Budget⁽³⁾ (Excel Spreadsheet – see Template) Certificate of Insurance⁽⁴⁾ (General, Auto, & Workers' Comp.) Certificate of Good Standing⁽⁴⁾ W-9 Form⁽⁴⁾ Independent Contractor Form⁽⁴⁾ (If applicant is individual, not company/organization) Electronic Funds Transfer (ETF) Form⁽⁴⁾ (1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

(3) Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

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



Schedule			
CWCB Meeting	Application Submittal Dates	Type of Request	
January	December 1	Basin Account; BIP	
March	February 1	Basin/Statewide Account; BIP	
Мау	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:	May 1
Desired Notice to Proceed Date:	June 1

Water Activity Summary			
Name of Applicant	Trout Unlimited		
Name of Water Activity	Cimarron Cana Management P	I Diversion Gate Replacement and Water anning Project	
Approving Roundtable(s)		Basin Account Request(s) ⁽¹⁾	
Gunnison Basin		\$11,500	
Basin Account Request Subtotal		\$ 11,500	
Statewide Account Request ⁽¹⁾		\$ O	
Total WSRF Funds Requested (Basin & Statewide)		\$ 11,500	
Total Project Costs		\$ 48,418	

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

Grantee and Applicant Information		
Name of Grantee(s)	Trout Unlimited	
Mailing Address	1777 N. Kent Street Suite 100, Arlington VA 92001	
FEIN	38-1612715	
Grantee's Organization Contact ⁽¹⁾	Cary Denison	



	Grantee and Applicant Information
Position/Title	Project Manager
Email	cdenison@tu.org
Phone	970-596-3291
Grant Management Contact ⁽²⁾	Danielle Typinski
Position/Title	Grants Compliance Officer
Email	dtypinski@tu.org
Phone	(703) 284-9429
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

(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).

Trout Unlimited (TU) is the nation's largest coldwater conservation organization with approximately 150,000 volunteers and roughly 277 employees nationwide working to protect, reconnect, restore and sustain America's fisheries. TU's volunteers and their local chapter groups work on a variety of initiatives that meet the unique needs of their watersheds.

TU's focus in the Gunnison Basin is to find win-win solutions to water supply and infrastructure issues by collaborating with water users.

	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			
	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.			
Х	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		
Х	Implementation		

Category of Water Activity (check all that apply)			
Х	Nonconsumptive (Environmental)		
Х	Nonconsumptive (Recreational)		
Х	Agricultural		
	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/Counties	Gunnison	
Latitude	38.26619	
Longitude	-107.5422	

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.



Water Activity Overview

Bostwick Park Conservancy District/Cimarron Canal Company (BPWCD) in collaboration with Trout Unlimited are proposing to use Water Plan grant funds in with other funding to replace an antiquated water control gate on the Cimarron canal diversion, connect the new gate to SCADA, and complete flow modeling to assist with operations.

The Cimarron Canal (WDID 6200560) is the largest diversion on the Big Cimarron river and has nearly completely dried up the river on dry years. Downstream water rights including irrigation and CWCB instream flow rights depend on steady dependable flows.

In 2018 Trout Unlimited worked with BPWCD and CPW to bolster flows below the diversion by releasing water from a storage pool in Silver Jack Reservoir that was shepherded downstream. The <u>effort</u> doubled flows to 14cfs and helped keep water temperatures in ranges suitable for trout.

The proposed improvement will allow for downstream rights, including CWCB in-stream rights, to be met without the need for manually measuring and releasing water at the diversion structure.

This project is multi-purpose and will benefit environmental and consumptive uses.

	Measurable Results			
To catalog measurable resu	ults achie	eved with WSRF funds please provide any of the following values.		
	New S	torage Created (acre-feet)		
1,500 (stored water that can be released to the stream)	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive			
	Existing Storage Preserved or Enhanced (acre-feet)			
14 miles	Length of Stream Restored or Protected (linear feet)			
800 acre-feet and \$600	Efficiency Savings (indicate acre-feet/year OR dollars/year)			
>34 acres riparian	Area of Restored or Preserved Habitat (acres)			
	Length of Pipe/Canal Built or Improved			
	Other	Explain:		

Water Plan funds will be used for engineering, installation of SCADA, and flow modeling for water management planning.

Water Activity Justification

Provide a description of how this water activity supports the goals of <u>Colorado's Water Plan</u>, the most recent <u>Statewide Water Supply Initiative</u>, and the respective <u>Roundtable Basin Implementation Plan and</u>



Water Activity Justification

<u>Education Action Plan</u>⁽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).

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). This project conforms to and compliments Colorado's Water Plan Framework and the Gunnison Basin Implementation Plan in the following ways:

Collaboration, which is encouraged and emp emphasized in Chapter 1 of the Water Plan, is the driving force behind this project.

This project will improve efficiency to meet multiple goals including the following from chapter 1 of the Water Plan; "Efficient and effective water infrastructure promoting smart land use; and a strong environment that includes healthy watersheds, rivers and streams, and wildlife." (Chapter 1, page 6 CWP)

Installation of improved water measurement and controls at the Cimarron Canal diversion will help water managers react to variable flow conditions, which is mentioned in Chapter 4 of the Water Plan as a future challenge. Chapter 6.2, Water Supply Management, mentions that the Gunnison Basin has agricultural water shortages. BPWCD and partners like TU are working on improving irrigation system efficiency to address shortages throughout the watershed. Automated controls at the headgate will assist this effort.

As mentioned on page 15 of Chapter 5 -Water Demands in the Water Plan, scientists predict that increasing temperatures, as a result of climate change, will reduce cold-water habitat for trout. Modifying the diversion will maintain flows and temperatures suitable for a healthy fishery.

This project, particularly the modeling and planning tasks, will serve as building block for future water conservation projects such as voluntary demand management or ag to ag leases which have been considered by shareholders in the Bostwick Park Conservancy District.

Cimarron River is listed as a focus segment on page 72 of the Gunnison Basin Implementation Plan.

In section 2.4 Environmental Needs of the Basin Implementation Plan, riparian/wetland wildlife viewing and waterfowl hunting, and significant cold and water-water fishing are listed as Non-consumptive needs priorities for the Gunnison Basin.

This project will help the State of Colorado, local water users and interest groups meet the following goals listed on page 4 of Chapter 10 of the Water Plan:

- 1. A productive economy that supports vibrant and sustainable cities; viable and productive agriculture; and a robust skiing, recreation, and tourism industry.
- 2. Efficient and effective water infrastructure; and
- 3. A strong environment that includes healthy watersheds, river, streams and wildlife.

The following goals established by the Gunnison Basin Roundtable in their Basin Implementation Plan will be met by the project:



Water Activity Justification

- 1. (1) Protect existing water rights in the Gunnison Basin
- 2. (5) Quantify and protect environmental and recreational water uses.
- 3. (7) Describe and encourage the beneficial relationship between agriculture and environmental and recreational uses.
- 4. (8) Restore, maintain, and modernize critical water infrastructure including hydropower.
- 5. (9) Create and maintain active, relevant and comprehensive public education, outreach and stewardship processes involving water resources in the six sectors of the Gunnison Basin

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

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)
U.S. Bureau of Reclamation, WaterSmart Grant (secured)	\$15,000 (cash)
CWCB Water Plan Grant- Environmental (requested)	\$18,918 (cash)
Bostwick Park Conservancy District and Cimarron Canal	\$1,000 (in-kind)
Trout Unlimited	\$2,000 (in-kind)
Total Match	\$36,918
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):
Total Match	\$
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	



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.

This Cimarron Watershed was included in the Lower Gunnison Watershed Plan completed in 2018 in support of the NRCS Regional Conservation Partnership Program.

SCADA Master Plan and Feasibility Study, JUB Engineer, October 2018. CWCB Funding RCPP Technical Assistance \$9,450.

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

	Agreement					
Grant Name	Number	Amount	Start Date	End Date		
			11/29/201			
Irrigators in Kremmling	CTGG1 2017-0667	\$465,400	6	9/30/2018		
Redburn Ranch Diversion Dam	CTGG1 2015-2791	\$148,500	1/27/2015	6/1/2018		
San Miguel River Stream						
Management Plan Pilot	POGG1 2016-0800	\$96,413	3/22/2016	6/1/2018		
Ware Hinds Fish Bypass	POGG1 2017-0749	\$63,500	2/14/2017	12/31/2018		
Windy Gap Reservoir Bypass	POGG1 2016-0900	\$30,000	5/18/2016	1/31/2017		
W-Mountain Ranch Restoration	POGG1 2016-0610	\$15,000	1/8/2015	5/31/2017		
Kerber Creek Restoration	POGG1 2015-0286	\$30,000	6/10/2015	10/31/2016		
River Ranch Irrigation Diversion	CTGG1 2015-3313	\$113,000	6/9/2015	5/31/2016		
			11/14/201			
South Arkansas River Restoration	POGG1 2015-0175	\$10,000	4	10/31/2016		
Upper Ohio Creek Flow			10/10/201			
Restoration	POGG1 2015-0161	\$6,000	4	12/31/2014		
Tomichi Water Conservation	POGG1 2018-901	\$109,500	- / . /	- / - /		
Program	&902	(50%)	5/4/2018	5/4/2018		

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. None



COLORADO Colorado Water Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Date: 4/26/19

Water Activity Name: Cimarron Canal Diversion Gate Replacement and Water Management Planning Project

Grantee Name: Trout Unlimited

	<u>Description</u>	<u>Start Date⁽²⁾</u>	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽³⁾	<u>CWCB Water Plan</u> <u>Funding</u>	<u>WSRF Funds</u> (Basin & Statewide combined) ⁽³⁾	<u>Total</u>			
1	Design and Planning	6/1/2019	7/30/2019	\$2,000	\$1,250	\$1,250	\$4,500			
2	Fabrication	8/1/19	9/1/19	\$7,250	\$0	\$7,250				
3	Installation	9/1/19	12/30/19	\$950		\$1,500	\$2,450			
4	SCADA	9/1/19	10/30/19	\$4,800	\$5,200	\$0	\$10,000			
5	Modeling	6/15/19	11/16/19	\$0	\$10,000	\$0	\$10,000			
6	Project Management	5/16/19	5/16/20	\$3,000	\$0	\$0	\$3,000			
7	Grant Administration	5/16/19	5/16/20	\$0	\$2,468	\$1,500	\$3,968			
							\$0			
							\$0			
							\$0			
							\$0			
							\$0			
							\$0			
							\$0			
			Total	\$18,000	\$18,918	\$11,500	\$48,418			
 The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount. Start Date for funding under \$100K - 45 Days from Board Approval; Start Date for funding over \$100K - 90 Days from Board Approval. 										
(3) Round values up to the nearest hundred dollars.										
Additional documentation providing a Detailed/Itemized Budget may be required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.										
Reimburseme	• Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)									
• NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal signed State Agreement.										
The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment										
	has been issued, the water activity and purchase order (PO) or contract will be closed without any futher payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the									
expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.										

• Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution

• Standard contracting proceedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.

The Gunnison Basin Roundtable 210 West Spencer, Suite B Gunnison, CO 81230

April 4, 2019

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

Re: WSRF Grant Request: Cimarron Canal Diversion and Water Management Planning Project

Dear Mr. Godbout:

This letter is presented to advise you that the grant application submitted by Trout Unlimited for \$11,500 from Basin Account funds from the Water Supply Reserve Fund for the Cimarron Canal Diversion and Water Management Planning Project was reviewed by the Gunnison Basin Roundtable and its Project Screening Committee. The request for funding was approved by a unanimous vote of the Gunnison Basin Roundtable during our meeting on March 18, 2019.

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, 5, 7, 8, and 9 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) Cary Denison, Trout Unlimited, applicant (email)



IN REPLY REFER TO

84-27814 1.3.11

VIA ELECTRONIC MAIL

Bostwick Park Water Conservancy District Attn: Mr. Allen Distel 400 South 3rd Montrose, CO 81401-4204

United States Department of the Interior

BUREAU OF RECLAMATION PO Box 25007 Denver, Colorado 80225-0007

November 8, 2018

Subject: Funding Opportunity Announcement (FOA) No. BOR-DO-18-F009 – WaterSMART Grants: Small-Scale Water Efficiency Projects for Fiscal Year (FY) 2018 – Application Review Status, Your Application Titled, "Automatic Control Gate for Cimarron Diversion (SWEP-025)"

Dear Mr. Distel:

Thank you for submitting a WaterSMART Grants: Small-Scale Water Efficiency Projects application. The Bureau of Reclamation is pleased to inform you that your application was among those receiving the highest ratings and is now being considered for award of a financial assistance agreement. Reclamation anticipates awarding Federal funds in the amount of \$15,000 for your proposed project. In working with you to develop your financial assistance agreement, Reclamation will closely review the activities outlined in your proposal to ensure that all activities are eligible for funding and that the proposed costs are allowable under financial assistance regulations. If some costs or activities are determined to be ineligible or unallowable, Reclamation will work with you to refine the scope of work and budget for the project.

Please note that this letter is not a final commitment of funding. A financial assistance agreement will not be executed, and funds will not be awarded until further information about your project is developed and all statutory and regulatory requirements have been met as described in Section E.2.5 of the FOA. In addition, Reclamation must have sufficient evidence prior to award that non-Federal cost share will be available. The final funding amount may be adjusted if necessary.

Please note that for costs, including pre-award costs, to be eligible for inclusion in the agreement, the costs must meet the applicable administrative and cost principles criteria established in 2 Code of Federal Regulations (CFR) Part 200. In particular, the procurement of goods and/or services must be compliant with the Procurement Standards (2 CFR §200.317 through §200.326) and contract costs must be compliant with 2 CFR §200.323 – Contract Cost and Price. A copy of the Procurement Standards, which include the contract cost and price regulations, and Appendix II from 2 CFR Part 200, which identifies mandatory contract content, are attached for your reference. The Federal financial assistance regulations can be found online at www.ecfr.gov.

Federal statute (42 U.S.C. 10364(a)(3)(B)) requires that before any funds are awarded, you agree not to use any water savings resulting from your proposed project to increase your total irrigated acreage or to otherwise increase the consumptive use of water in your operations. This requirement, which was discussed in Section F.2.3 of the FOA, will be included in the financial assistance agreement for your project.

Please be advised that your application has been ranked, in part, based on your description of the expected benefits of your project. Revisions to the scope of the project identified in your application can be made only after Reclamation determines that revisions would not impact the overall ranking or the expected benefits of the project.

In addition, please be advised as stated in Section F.4 of the FOA, we intend to post copies of successful Small-Scale Water Efficiency Projects grant applications as examples on Reclamation's website. While this generally does not raise any issues, we find it prudent to provide successful grant applicants with an opportunity to redact any sensitive information from their proposals prior to posting them on our website. As a rule, we remove the SF-424s; however, if there are any other items you would like to request be redacted, please let me know by Friday, December 7, 2018. Should we not hear from you by this date we will assume that there are no objections to posting the full application.

Thank you for your interest and participation in the WaterSMART Grants Program. If you have any questions about the program, please contact Ms. Robin Graber, Program Analyst, at rgraber@usbr.gov or 303-445-2764. We will contact you in winter 2018/2019 to discuss the timeline for the development and award of your financial assistance agreement.

Sincerely.

Irene M. Hoiby Grants Officer



COLORADO

Parks and Wildlife

Department of Natural Resources

2300 S. Townsend Avenue Montrose, CO 81401 P 970.252.6017 | F 970.252.6053

January 29, 2019

Mr. Chris Sturm Colorado Water Conservation Board - Water Plan Grant 1313 N. Sherman Street, Suite 718 Denver, CO 80203

Dear Mr. Sturm,

This letter is to inform you of Colorado Parks and Wildlife's support for the <u>Cimarron Canal Diversion</u> <u>Gate Replacement and Water Management Planning Project</u>, submitted by the <u>Trout Unlimited</u>.

I have reviewed the proposed infrastructure project, and I believe that this project provides considerable benefits including improving and maintaining flows in the Cimarron River which are critical to supporting the coldwater fishery downstream of the Cimarron canal diversion. Colorado Parks and Wildlife is working collaboratively with Bostwick Park Water Conservancy District to administer flows from Silverjack Reservoir past the Cimarron Canal Diversion to benefit stream flows in the Cimarron River downstream. This project will aid in these efforts to maintain and enhance the fishery in the Cimarron River.

Sincerely,

Eric Gardunio Aquatic Biologist Lower Gunnison River Basin Colorado Parks and Wildlife Eric.gardunio@state.co.us

Jeff Ver Steeg, Acting Director, Colorado Parks and Wildlife • Parks and Wildlife Commission: Robert W. Bray • Matthew Burkett • Charles Garcia • Marie Haskett Carrie Besnette Hauser • John Howard, Chair • Marvin McDaniel • Colleen Peppler • Jennifer Rieke Taylor • James Vigil, Secretary • Michelle Zimmerman, Vice-Chair

