



Last Update: July 31, 2018

## 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](mailto:ben.wade@state.co.us)  
303-866-3441 x3238

#### Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout  
[craig.godbout@state.co.us](mailto:craig.godbout@state.co.us)  
303-866-3441 x3210

#### Colorado | Metro | Rio Grande | Southwest

Megan Holcomb  
[megan.holcomb@state.co.us](mailto:megan.holcomb@state.co.us)  
303-866-3441 x3222

#### WSRF Submittal Checklist (Required)

xx	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
xx	I acknowledge I have read and understand the <a href="#">2016 WSRF Criteria and Guidelines</a> .
xx	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> . <sup>(1)</sup>
Application Documents	
xx	Exhibit A: Statement of Work <sup>(2)</sup> ( <i>Word – see Template</i> )
xx	Exhibit B: Budget & Schedule <sup>(2)</sup> ( <i>Excel Spreadsheet – see Template</i> )
xx	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(2)</sup>
xx	Map <sup>(2)</sup>
xx	Photos/Drawings/Reports
xx	Letters of Support
Contracting Documents <sup>(3)</sup>	
	Detailed/Itemized Budget <sup>(3)</sup> ( <i>Excel Spreadsheet – see Template</i> )
	Certificate of Insurance <sup>(4)</sup> ( <i>General, Auto, &amp; Workers' Comp.</i> )
	Certificate of Good Standing <sup>(4)</sup>
	W-9 Form <sup>(4)</sup>
	Independent Contractor Form <sup>(4)</sup> ( <i>If applicant is individual, not company/organization</i> )
	Electronic Funds Transfer (ETF) Form <sup>(4)</sup>

(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.

Last Update: July 31, 2018

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:	May 2020
Desired Notice to Proceed Date:	August 1, 2020

Water Activity Summary		
Name of Applicant	Trout Unlimited	
Name of Water Activity	Canyon Creek Fish Passage Project.	
Approving Roundtable(s)	Basin Account Request(s) <sup>(1)</sup>	
Colorado Basin Roundtable	\$20,700.00	
Basin Account Request Subtotal	\$20,700.00	
Statewide Account Request <sup>(1)</sup>	\$0.00	
Total WSRF Funds Requested (Basin & Statewide)	\$20,700.00	
Total Project Costs	\$203,625.00	

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



Last Update: July 31, 2018

Grantee and Applicant Information	
Name of Grantee(s)	Trout Unlimited
Mailing Address	115 N. 5 <sup>th</sup> Street, Suite #409, Grand Junction, CO 81501
FEIN	38-1612715
Grantee's Organization Contact <sup>(1)</sup>	Richard Van Gytenbeek
Position/Title	Colorado River Basin Outreach Coordinator
Email	Richard.gytenbeek@tu.org
Phone	307-690-1267
Grant Management Contact <sup>(2)</sup>	Richard Van Gytenbeek
Position/Title	Colorado River Basin Outreach Coordinator
Email	Richard.gytenbeek@tu.org
Phone	307-690-1267
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).
<p>Trout Unlimited (TU) is the nation's largest cold-water conservation organization, with 300,000 members dedicated to conserving, protecting, and restoring North America's trout and salmon fisheries and their watersheds.</p> <p>TU, represented by Richard Van Gytenbeek will be working closely with Scott Schreiber of Wright Water Engineers (WWE) to provide design and construction management services throughout the project. TU and WWE will be partnering with Colorado Parks and Wildlife (CPW) to provide biological and technical design advice as well as pre and post project fish population monitoring. TU and WWE will also be working with Colorado Department of Transportation (CDOT) to design and permit the project to ensure compliance with department requirements.</p>



Last Update: July 31, 2018

Type of Eligible Entity (check one)	
	<b>Public (Government):</b> 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.
	<b>Public (Districts):</b> authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	<b>Private Incorporated:</b> mutual ditch companies, homeowners associations, corporations
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
xx	<b>Non-governmental organizations:</b> broadly, any organization that is not part of the government
	<b>Covered Entity:</b> as defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a>

Type of Water Activity (check one)	
	Study
xx	Implementation

Category of Water Activity (check all that apply)		
xx	Nonconsumptive (Environmental)	
xx	Nonconsumptive (Recreational)	
	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 <b>decimal degrees</b> . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Garfield County
Latitude	39.57 North
Longitude	-107.45 West

Last Update: July 31, 2018

### 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.

Emanating from the southern rim of the Flat Tops mountain range, a number of important perennial, freestone creeks run south into the Colorado River mainstem. All exhibit excellent water quality and adequate late season flow regimes. Creeks such as Grizzly and No-Name Creek offer very productive spawning and juvenile habitat for cold water fish.

Canyon Creek at Chacra, Colorado is one of these exceptional creeks which unfortunately, is no longer accessible to spawning fish. The creek is largely blocked at its mouth to the Colorado River by two large (300 LF) concrete box culverts that convey the creek under Interstate 70. As part of the original Interstate 70 construction in the late 70's, the culverts did employ a fish baffle system. Those baffles however, were constructed from large timbers and have eroded away over time. The result is very few fish make it upstream to spawn, leaving a large basin (56 square miles) effectively unused.

The WSRF grant funds will be used by TU and Wright Water Engineers (WWE) to permit, design and install a new set of concrete baffles in the east culvert, as well as a short wall in the upstream mouth of the west culvert to focus all flow into the east side during low flow conditions.

### 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	
	Existing Storage Preserved or Enhanced (acre-feet)	
58,080 LF	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
35,840 acres	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
	Other	Explain:

Last Update: July 31, 2018

## Water Activity Justification

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](#) <sup>(1)</sup>. 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](#)).

### **Water Project Justification**

The Canyon Creek Fish Passage project supports the goals of the:

#### **Colorado Water Plan.**

*Colorado Water Value #3 . Colorado's Water Plan values a strong environment that includes healthy watersheds, rivers, streams, and wildlife (CWP, Chap. 10, Sec. 10.1, pg. 10-4)*

This project will substantively increase the health of Colorado's environment by increasing cold water fish species access to important spawning and juvenile fish rearing habitat in the middle Colorado River basin.

*Goal F. Watershed Health, Environment and Recreation (CWP, Chap. 10, Sec. 10.3, pg. 10.12)*

The Canyon Creek Fish Passage project hits on almost all components of CWP Goal F. By increasing the populations of wild cold water fish in both Canyon Creek and the main stem of the Colorado River both the environment and the recreational fishing opportunities are improved. Further, this project will restore a critical and unique watershed. Finally, the project is part of a growing effort to reconnect these Flat Tops streams to the Colorado River main stem. It is supported by both Colorado Parks and Wildlife and the Middle Colorado Watershed Council's Integrated Water Management Plan. The Ware and Hinds Fish Bypass project was the first successful effort. If funded, Canyon Creek will be the second and will be followed by two more fish passage projects in Elk Creek that will be coming on line in the next year. When complete, these projects will have opened 25+ miles of prime spawning and juvenile rearing habitat to wild fish from the Colorado River.

#### **SWSI 2010.**

*Recommendation #5. "Support meeting Colorado's non-consumptive water needs by working with Colorado's water stakeholders to help:*



Last Update: July 31, 2018

### Water Activity Justification

- *Promote recovery and sustainability of endangered, threatened, and imperiled species in a manner that allows the state to fully use its compact and decreed entitlements.*
- *Protect or enhance environmental and recreational values that benefit local and statewide economies.*
- *Encourage multi-purpose projects that benefit both water users and native species.*
- *Pursue projects and other strategies, including CWCB's Instream Flow Program, that benefit consumptive water users, the riparian and aquatic environments, and stream recreation.*
- *Recognize the importance of environmental and recreational benefits derived from agricultural water use, storage reservoirs, and other consumptive water uses and water management (SWSI 2010, Executive Summary, pg. 41)."*

The Canyon Creek Fish Passage project supports Colorado's non-consumptive water needs by:

- 1) Improving fish passage into the freestone streams that originate on the south rim of the Flat Tops. This improves wild fish populations in these streams and the middle Colorado River which in turn improves the local recreational fishing economy in one of the state's most accessible reaches of large river in Colorado.
- 2) The project is endorsed by CPW, CDOT and the Middle Colorado Watershed Council. The project is seeking funding through the Fish and Wildlife Service-National Fish Passage Project and is a recognized environmental improvement strategy in the Middle Colorado Integrated Water Management Plan.

### **Colorado Basin Roundtable-Basin Implementation Plan.**

***Theme #1. "Protect and Restore Healthy Streams, Rivers, Lakes and Riparian Areas (CBRT-BIP, Executive Summary, pg. 2)."***

The Canyon Creek Fish Passage Project will restore fish passage to another viable Flat Top tributary stream to the middle Colorado River. By doing so it will continue to improve spawning and juvenile fish for cold water fish in this section of the river.

***Theme #4. "Develop Local Water Conscious Land Use Strategies (CBRT-BIP, Executive Summary, pg. 3)."***

The project, in concert with the larger effort to improve fish passage in all Flat Top tributary streams to the Colorado River, is an integral part of the Middle Colorado Integrated Water Management Plan. This plan is intended to further develop local water conscious land use strategies that collaboratively involve consumptive and non-consumptive water users.

Last Update: July 31, 2018

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

Matching Requirements: Basin Account Requests	
<b>Basin (only) Account</b> grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3 <sup>rd</sup> party and shall be accompanied by a <b>letter of commitment</b> 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)
TU (90%). In-kind in the form of project management/field coordination, design review, permit acquisition and fish population monitoring (pre and post construction).	T.U.: \$12,437.00 (In-kind)
Wright Water Engineers (10%). In-kind in the form of project management/field coordination, design review, permit acquisition and fish population monitoring (pre and post construction).	WWE: \$ 1,382.00 (In-kind)
TU commits to providing cash from our organization operating funds or obtaining that cash from outside sources before CWCB Board consideration for approval in May 2020.	\$13,819.00 (Cash)
CWCB-Colorado Water Plan Grant-Env/Rec category.	\$101,812.00 (Cash)
Fish and Wildlife Service-Nat. Fish Passage Program	\$ 53,475.00 (Cash)
Total Match	\$182,925.00
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
<b>Statewide Account</b> 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 3 <sup>rd</sup> party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3 <sup>rd</sup> party) and shall be accompanied by a <b>letter of commitment</b> . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):





Last Update: July 31, 2018

Matching Requirements: Statewide Account Requests	
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.
<p><b>Middle Colorado Integrated Water Management Plan (IWMP).</b> The Middle Colorado Water Council is currently working on the environmental and recreational components of the Middle Colorado IWMP. The Aquatics Sub-group has specifically recognized this project along with other fish passage projects in this reach as critically important to spawning and juvenile rearing of wild fish. In addition to the environmental benefits of the project the Recreational focus group has recognized the importance of increasing wild stocks to the recreational fishing component of the local economy.</p>

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					
Grant Name	CWCB Funding Source (WSRF, CWP, Etc.)	Agreement Number	Amount	Start Date	End Date
Innovative Irrigation Efficiency for Mountain Meadows	CWP-Agriculture	not executed yet	\$54,048	TBD	TBD
Octate Properties Channel and Irrigation Improvement	CWP-Environment/Recreation	not executed yet	\$11,589	TBD	TBD
Cimmaron Canal Diversion Gate Replacement/Water Mgt. Plan	CWP Environment/Recreation	not executed yet	\$18,918	TBD	TBD
Cimmaron Canal Diversion Gate Replacement/Water	WSRF-GBRT Basin Funds	not executed yet	\$11,500	TBD	TBD



Last Update: July 31, 2018

**Previous CWCB Grants**

Mgt. Plan

Blue River Integrated Water Mgt. Plan	Stream Restoration-SMP	CTGG12020-032	\$126,819	7/1/2019	12/31/2021
Blue River Integrated Water Mgt. Plan	CWP-Environment/Recreation	CTGG12020-032	\$30,000	7/1/2019	12/31/2021
Blue River Integrated Water Mgt. Plan	CWP-Engagement/Innovation	CTGG12020-032	\$16,000	7/1/2019	12/31/2021
Blue River Integrated Water Mgt. Plan	WSRF-CBRT Basin Funds	CTGG12020-032	\$17,110	7/1/2019	12/31/2021
Monarch Pass Gravel Pit Reclamation		not executed yet	\$77,389	TBD	TBD
Tomichi Creek Flow Restoration		CTGG1 2018-902	\$75,000	5/4/2018	10/31/2022
Tomichi Creek Flow Restoration-WSRF Grant		CTGG1 2018-901	\$34,500	5/4/2018	10/31/2022
Colorado Abrams Creek Cutthroat		CTGG1 2018-298	\$364,711	1/4/2018	9/1/2022
Ware Hinds Fish Bypass	WSRF-CBRT Basin Funds and State Funds (50/50)	POGG1 2017-0749	\$63,500	2/14/2017	12/31/2018
Irrigators in Kremmling		CTGG1 2017-0667	\$465,400	11/29/2016	9/30/2018
Windy Gap Reservoir Bypass	WSRF-CBRT	POGG1 2016-0900	\$30,000	5/18/2016	1/31/2017
Windy Gap Reservoir Bypass Project	CWP-Environment/Recreation	CTGG1 2019-2233	\$325,237	12/3/2018	11/30/2023
San Miguel River Stream Management Plan Pilot	WSRF-SWBRT	POGG1 2016-0800	\$96,413	3/22/2016	5/31/2021
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
Redburn Ranch Diversion Dam		CTGG1 2015-2791	\$148,500	1/27/2015	6/1/2018
W-Mountain Ranch Restoration		POGG1 2016-0610	\$15,000	1/8/2015	5/31/2017
South Arkansas River Restoration		POGG1 2015-0175	\$10,000	11/14/2014	10/31/2016
Upper Ohio Creek Flow Restoration		POGG1 2015-0161	\$6,000	10/10/2014	12/31/2014

**Tax Payer Bill of Rights**

Last Update: July 31, 2018

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.

No Tabor issues will affect this application.

**Water Supply Reserve Fund  
Water Activity Summary Sheet  
May 20, 2020  
Agenda Item 12(a)**

**Applicant & Grantee:** Trout Unlimited

**Water Activity Name:** Canyon Creek Fish Passage Project

**Water Activity Purpose:** Environmental/Recreation/Implementation

**County:** Garfield

**Drainage Basin:** Colorado

**Water Source:** Canyon Creek

**Amount Requested:** \$20,700 Colorado Basin Account

**Matching Funds:** Applicant Match = \$182,925 (cash & in-kind)  
• 8.8 times the Basin Account request (meets 25% min)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$20,700 from the Colorado Basin Account to help fund the project titled: Canyon Creek Fish Passage Project.

**Water Activity Summary:** WSRF Funds, if approved will assist Trout Unlimited to obtain permits, design and install a new set of concrete baffles in the existing box (east) culvert that coveys Canyon Creek under Interstate 70 near Chacra, Colorado, as well as construct a short wall in the upstream mouth of the west culvert to focus all flow into the east side during low flow conditions. The creek is largely blocked at its mouth to the Colorado River by two large (300 LF) concrete box culverts that convey the creek under Interstate 70. As part of the original Interstate 70 construction in the late 70's, the culverts did employ a fish baffle system. Those baffles however, were constructed from large timbers and have eroded away over time. The result is very few fish make it upstream to spawn, leaving a large basin (56 square miles) effectively unused. This project's objectives are to remedy this situation. More specifically, the projects objectives are as follows:

- Open the Canyon Creek drainage to spawning cold water fish
- Increase knowledge of fish passage design
- Increase wild fish population size in Canyon Creek and the Colorado River mainstem
- Improve Local Economy
- Increase Community Awareness and Collaboration

**Discussion:** This effort will assist the Colorado Basin Roundtable meet the Goals and Measurable Outcomes as highlighted in the Colorado Basin Implementation Plan to *Protect and Restore Healthy Streams, Rivers, Lakes and Riparian Areas*, and *Develop Local Water Conscious Land Use Strategies*.

**Issues/Additional Needs:** The applicant must first secure funding from the Colorado Water Plan Grant Program (July 2020) prior to entering into a grant contract with the state, or provide an alternate means of funding; otherwise, there are no issues or additional needs.

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

**Evaluation Criteria:** n/a

<b>Funding Sources/Match</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>	<b>Status</b>
Trout Unlimited	\$13,819	\$12,437	\$26,256	Secured
Wright Water Engineers	\$0	\$1,382	\$1,382	Secured
USFWS Nat Fish Passage Program	\$53,475	\$0	\$53,475	Secured
CWCB Water Plan Grant (July 2020)	\$101,812	\$0	\$101,812	Pending
<b>Sub-total Matching Funds</b>	<b>\$169,106</b>	<b>\$13,819</b>	<b>\$182,925</b>	
WSRF Colorado Basin Account	\$20,700	\$0	\$20,700	Secured
<b>Total Project Costs</b>	<b>\$189,806</b>	<b>\$13,819</b>	<b>\$203,625</b>	

**CWCB Project Manager:** Chris Sturm

***THE COLORADO BASIN ROUNDTABLE***  
***C/O P.O. BOX 1120***  
***GLENWOOD SPRINGS, COLORADO 81602***

**April 8, 2020**

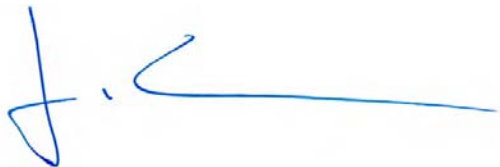
Craig Godbout, Program Manager  
Colorado Water Conservation Board  
Water Supply Planning Section  
1313 Sherman Street, Room 718  
Denver CO, 80203

Dear Craig:

The Colorado Basin Roundtable voted unanimously to grant Trout Unlimited \$20,700.00 from its WSRF Basin Account in furtherance of Trout Unlimited's Canyon Creek Fish Passage Project. The WSRF Basin funds will be used by Trout Unlimited, in consultation with Colorado Parks and Wildlife and Wright Water Engineers, to permit, design and install a new set of concrete baffles and direct flow to promote fish migration underneath Interstate 70 and upstream on Canyon Creek in Garfield County, Colorado. This fish passage project will provide spawning opportunities in a 56 square mile basin that is effectively unused today.

Trout Unlimited's Project is consistent with this Roundtable's Basin Implementation Plan, in particular, its theme of protecting and restoring healthy streams, rivers, lakes and riparian areas.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'J. Turner', with a long horizontal stroke extending to the right.

Jason V. Turner, Chair