

**Water Supply Reserve Fund – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**May 15-16, 2019**  
**Agenda Item 26(c)**

**Applicant & Grantee:** Trout Unlimited

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

**Water Activity Purpose:** Agricultural & Environmental/Recreation

**County:** Gunnison

**Drainage Basin:** Gunnison

**Water Source:** Big Cimarron River

**Amount Requested:** \$11,500 Gunnison Basin Account

**Matching Funds:** Applicant & 3<sup>rd</sup> Party Match (cash & in-kind) = \$36,918  
• 321% of the Basin Account request (meets 10% min)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$11,500 from the Gunnison Basin Account to help fund the project titled: Cimarron Canal Diversion Gate Replacement and Water Management Planning Project.

**Water Activity Summary:** WSRF grant funds, if approved, will assist Trout Unlimited, Bostwick Park Conservation District and the Cimarron Canal Company replace a degraded diversion headgate, provide connectivity to an existing SCADA system allowing for automatic and remote controls and will provide water management planning and engineering that will direct the operations of the gate. The proposed project will automate releases to the river at the diversion and create a planning model that BPWCD and others can follow to maintain flows in the River and a variety of flow regimes. The automation will also reduce time and travel costs associated with management of the diversion.

Objectives of the project include:

1. Maintain and improve consistent streamflow downstream of the Cimarron Canal diversion structure.
2. Meet water demands below the Cimarron Canal including CWCB instream flow rights.
3. Reduce time, labor and mileage for Bostwick Park and Cimarron Canal and other agency and non-profit staff associated with managing diversions and streamflow below the diversion.
4. Avoid unnecessary impacts to the natural environment supported by the Cimarron River.

**Discussion:** This effort will assist the Gunnison Basin Roundtable achieve goals 1, 5, 7, 8 & 9 as called for in the Gunnison Basin Implementation Plan, as well as assisting the state achieve the goals of: A productive economy that supports vibrant and sustainable cities; viable and productive agriculture; and a robust skiing, recreation, and tourism industry; Efficient and effective water infrastructure; and a strong environment that includes healthy watersheds, river, streams and wildlife as called for in Chapter 10 of Colorado's Water Plan.

**Issues/Additional Needs:** The applicant must submit several letters of matching commitment (see *Funding Summary/Matching Funds* section below) prior to entering into a contract with the state, 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:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-kind</u></b>	<b><u>Total</u></b>	<b><u>Status</u></b>
U.S. Bureau of Reclamation	\$15,000	\$0	\$15,000	Pending
CWCB Water Plan Grant	\$18,918	\$0	\$18,918	Pending
Bostwick Park Water Conservancy District	\$0	\$1,000	\$1,000	Secured
Trout Unlimited	\$0	\$2,000	\$2,000	Secured
Sub-total	\$33,918	\$3,000	\$36,918	
WSRF Gunnison Basin Account	\$11,500	\$0	\$11,500	Secured
<b>Total Project Costs</b>	<b>\$45,418</b>	<b>\$3,000</b>	<b>\$48,418</b>	

**CWCB Project Manager:** Craig Godbout

*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)



Last Update: July 31, 2018

<b>Colorado Water Conservation Board</b>
<b>Water Supply Reserve Fund Grant Application</b>

<b>Instructions</b>
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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

<b>WSRF Submittal Checklist (Required)</b>
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X	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
X	I acknowledge I have read and understand the <a href="#">2016 WSRF Criteria and Guidelines</a> .
X	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> . <sup>(1)</sup>
Application Documents	
X	Exhibit A: Statement of Work <sup>(2)</sup> ( <i>Word – see Template</i> )
X	Exhibit B: Budget & Schedule <sup>(2)</sup> ( <i>Excel Spreadsheet – see Template</i> )
X	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(2)</sup>
X	Map <sup>(2)</sup>
	Photos/Drawings/Reports
	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.



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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 1
Desired Notice to Proceed Date:	June 1

Water Activity Summary		
Name of Applicant	Trout Unlimited	
Name of Water Activity	<b>Cimarron Canal Diversion Gate Replacement and Water Management Planning Project</b>	
Approving Roundtable(s)		Basin Account Request(s) <sup>(1)</sup>
Gunnison Basin		\$11,500
Basin Account Request Subtotal		\$ 11,500
Statewide Account Request <sup>(1)</sup>		\$ 0
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 <sup>(1)</sup>	Cary Denison



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Grantee and Applicant Information	
Position/Title	Project Manager
Email	<a href="mailto:cdenison@tu.org">cdenison@tu.org</a>
Phone	970-596-3291
Grant Management Contact <sup>(2)</sup>	Danielle Typinski
Position/Title	Grants Compliance Officer
Email	<a href="mailto:dtypinski@tu.org">dtypinski@tu.org</a>
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).	
<p>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.</p> <p>TU's focus in the Gunnison Basin is to find win-win solutions to water supply and infrastructure issues by collaborating with water users.</p>	
Type of Eligible Entity (check one)	
<input type="checkbox"/>	<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.
<input type="checkbox"/>	<b>Public (Districts):</b> authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
<input type="checkbox"/>	<b>Private Incorporated:</b> mutual ditch companies, homeowners associations, corporations
<input type="checkbox"/>	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
<input checked="" type="checkbox"/>	<b>Non-governmental organizations:</b> broadly, any organization that is not part of the government
<input type="checkbox"/>	<b>Covered Entity:</b> as defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a>



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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	
	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	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.



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### 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 [effort](#) 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.

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

### Measurable Results

To catalog measurable results achieved with WSRF funds please provide any of the following values.

	New Storage 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 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](#)





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### Water Activity Justification

[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](#)).

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 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:

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Water Activity Justification
<ol style="list-style-type: none"> <li>(1) Protect existing water rights in the Gunnison Basin</li> <li>(5) Quantify and protect environmental and recreational water uses.</li> <li>(7) Describe and encourage the beneficial relationship between agriculture and environmental and recreational uses.</li> <li>(8) Restore, maintain, and modernize critical water infrastructure including hydropower.</li> <li>(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</li> </ol>

(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)
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	
<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):
Total Match	\$
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	



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### 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

Grant Name	Agreement 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 Restoration	POGG1 2015-0161	\$6,000	10/10/201	
			4	12/31/2014
Tomichi Water Conservation Program	POGG1 2018-901 & 902	\$109,500 (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



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<b>Colorado Water Conservation Board</b>	
<b>Water Supply Reserve Fund</b>	
<b><u>Exhibit A - Statement of Work</u></b>	
<b>Date:</b>	<b>1/25/2019 (amended 4/26/2019)</b>
<b>Water Activity Name:</b>	<b>Cimarron Canal Diversion Gate Replacement and Water Management Planning Project</b>
<b>Grant Recipient:</b>	<b>Trout Unlimited</b>
<b>Funding Source:</b>	<b>CWCB Water Supply Reserve Fund</b>
<b>Water Activity Overview:</b> (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for.)	
<p>This project, when implemented, will replace an antiquated and nearly unusable diversion gate with a new gate. This project will also provide SCADA (supervisory control and data acquisition) capabilities to the gate, allowing for automatic and remote controls and will provide water management planning and engineering that will direct the operations of the gate.</p> <p>The Big Cimarron River is an important tributary to the Gunnison River that supports a healthy population of trout and other species on both private and public lands. In the past, the rivers flows have been reduced drastically by diversions at the Cimarron Canal. These events have severely impacted trout populations and the overall health of the watershed. In 2018 Trout Unlimited, Bostwick Park Water Conservancy District (BPWCD) and Colorado Parks and Wildlife worked together to improve flows in the summer months by shepherding stored 1,500 acre-feet of water from Silver Jack Reservoir past the diversion. This project prevented a catastrophic mix of low water and high temperatures.</p> <p>The proposed project will automate releases to the river at the diversion and create a planning model that BPWCD and others can follow to maintain flows in the River and a variety of flow regimes. The automation will also reduce time and travel costs associated with management of the diversion.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<ol style="list-style-type: none"><li>1. Maintain and improve consistent streamflow downstream of the Cimarron Canal diversion structure.</li><li>2. Meet water demands below the Cimarron Canal including CWCB instream flow rights.</li><li>3. Reduce time, labor and mileage for Bostwick Park and Cimarron Canal and other agency and non-profit staff associated with managing diversions and streamflow below the diversion.</li><li>4. Avoid unnecessary impacts to the natural environment supported by the Cimarron River.</li></ol>	



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Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 1 – Design and Planning</u></b>
Description of Task:
This task will involve review and revision of the design as well as project planning and NEPA work.
Method/Procedure:
J.U.B. Engineers will review and revise a design of the split-gate control system that has been selected by BPWCD. Contractors hired by BPWCD will complete a cultural review for NEPA compliance at the site
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Applicants and partners will provide description of the selected gate and any changes requested by the engineer. NEPA clearances
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Drawings, photos and description of the chosen infrastructure and changes made during the task. Copy of NEPA documents.

**Construction; design, fabrication and installation**

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 2 – Fabrication</u></b>
Description of Task:
In this task the supplier of the gate structure will fabricate and provide the new headgate to BPWCD.
Method/Procedure:



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Tasks
Using the design and recommendations supplied by BPWD and JUB Engineers, the fabrication contractor or supplier will construct the new headgate.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
An operable headgate capable of meeting project objectives will be delivered to the jobsite.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Photos of completed control structure as well as details about fabrication and procurement process.

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 3 – Installation</u></b>
Description of Task:
In this task, the new diversion headgate will be installed at the Cimarron Canal point of diversion and connected to the BPWCD existing SCADA system.
Method/Procedure:
Staff from BPWCD and Trout Unlimited will remove the old control structure, install the new structure and connect the gate controls to the SCADA hardware that exists at the diversion of the Cimarron Canal.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
The new diversion control gate will be installed in the Cimarron Canal diversion.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)



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Tasks
Grantee will provide CWCB with description of the installation task and photos of the installed gate and of the installation process.

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 4 – SCADA</u></b>
Description of Task:
BPWCD and TU staff will work with Mountain Peak Controls and other contractors to connect the new control structure to the existing SCADA system at the headgate.
Method/Procedure:
TU staff will work with BPWCD to establish a relationship between the gate opening height and stream flow. The gate controls will be physically connected to the existing hardware at the diversion that the district uses to control diversions.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Technical information related to the process and task.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Photos of the work and a written description of how the SCADA system works for the new gate.

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 5 – Modeling</u></b>
Description of Task:
JUB Engineers will evaluate several distinctly different water years and analyze water availability at and below the Cimarron diversion and optimum operations during those past year types.
Method/Procedure:



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Tasks
JUB will use CDSS and USGS flow data as well as diversion and irrigation demand information to prescribe optimal flow and diversion rates.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
A document that provides operational guidance to BPWCD for dry, average and above average water years.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
A copy of the report from JUB along with a description of the process.

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 6 – Project Management</u></b>
Description of Task:
This task will involve Trout Unlimited working with partners to complete all phases of this project.
Method/Procedure:
TU staff will work with BPWCD and other partners to complete the tasks in a manner that meets the objectives set out in this Scope- of- Work.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
A new diversion control structure that meets flow demands below the Cimarron diversion without excessive labor.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Drawings, photos and description of the all phases of the project and obstacles encountered during the process.





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Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 7 – Grant Administration</u></b>
Description of Task:
In this task TU staff will manage the grant details including pay, applications, reporting and accounting.
Method/Procedure:
Invoices related to the project will be processed and paid. Project reporting including accounting will be completed.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Timely project reports and reimbursement requests will be completed.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
The CWCB will be provided with accurate and timely accounting of tasks completed and funds expended to complete the project and related individual tasks.

**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</u> <sup>(2)</sup>	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) <sup>(3)</sup>	<u>CWCB Water Plan</u> <u>Funding</u>	<u>WSRF Funds</u> (Basin & Statewide combined) <sup>(3)</sup>	<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	\$14,500
3	Installation	9/1/19	12/30/19	\$950	\$0	\$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
							\$0
<b>Total</b>				<b>\$18,000</b>	<b>\$18,918</b>	<b>\$11,500</b>	<b>\$48,418</b>

**(1)** 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.

**(2)** 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.

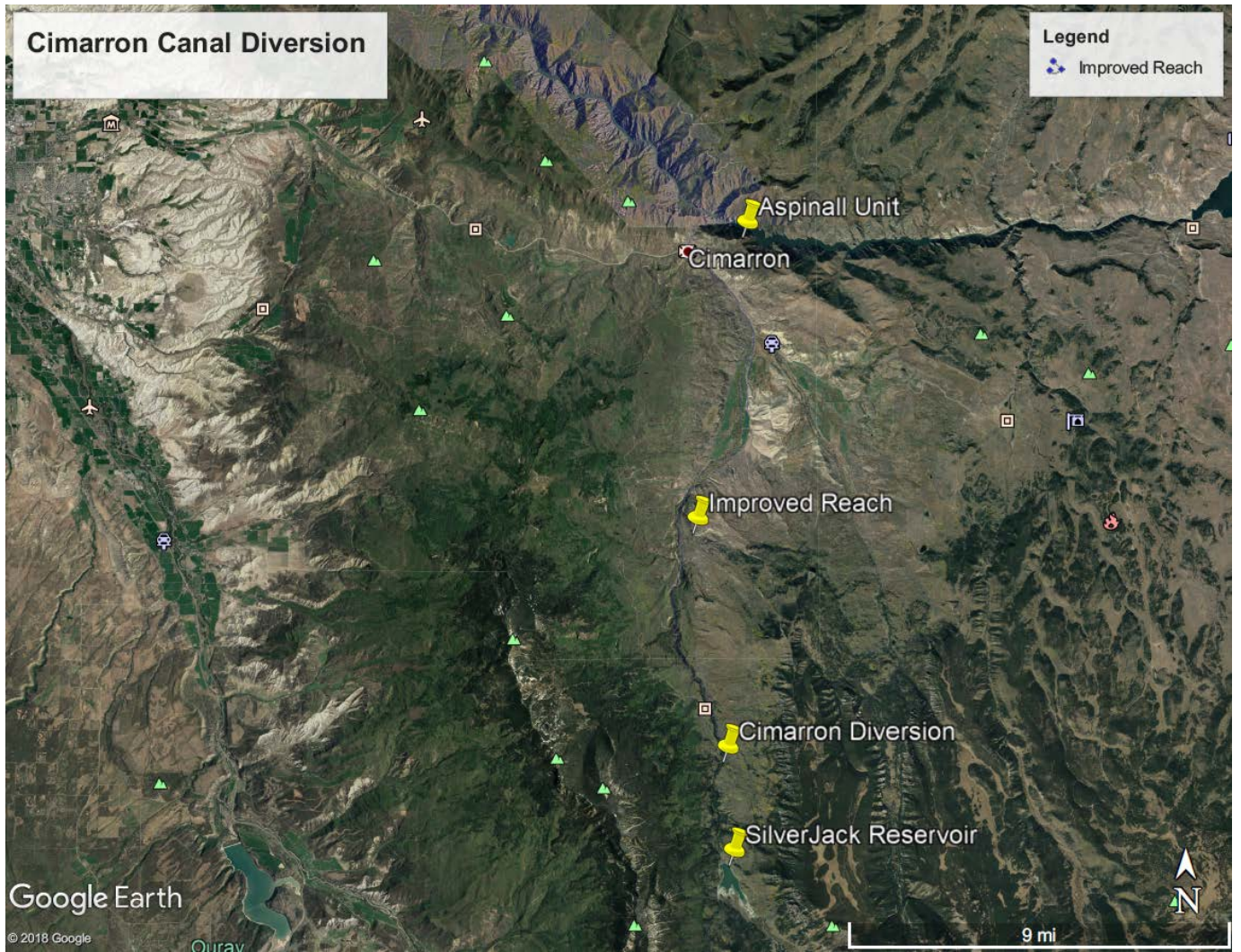
• Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

• 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 further 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 procedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.





**BOSTWICK PARK WATER CONSERVANCY DISTRICT**

**400 South 3<sup>rd</sup> Street**

**Montrose, CO 81401**

Phone (970) 249-8707

[bostwickpark@bpwps.com](mailto:bostwickpark@bpwps.com)

Fax (970) 252-7168

[www.bostwickcimarronwater.com](http://www.bostwickcimarronwater.com)

April 30, 2019

Colorado Water Conservation Board  
ATTN: Craig Godbout  
Colorado Water Supply Reserve Fund  
1313 Sherman St.  
Denver, CO 80203

**RE: Cimarron Canal Diversion Gate Replacement and Flow Modeling**

Mr. Godbout:

This letter is to notify you of Bostwick Park Water Conservancy District's support for the modifications proposed to our diversion works by Trout Unlimited. We fully support the project and the application and are prepared to provide in-kind labor in excess or equal to \$1,000.

We have applied for WaterSmart Funds from the US Bureau of Reclamation to install a new gate. The additional assistance to connect the gate to our existing SCADA system will undoubtedly help meet healthier river flows below the diversion, while helping us meet the needs of our shareholders.

We appreciate the CWCB's assistance and consideration of the application from Trout Unlimited.

Respectfully,

Allen Distel, President  
Bostwick Park Water Conservancy District





# United States Department of the Interior

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

IN REPLY REFER TO:

84-27814

November 8, 2018

1.3.11

VIA ELECTRONIC MAIL

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

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](http://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](mailto: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 Cimarron Canal Diversion Gate Replacement and Water Management Planning Project, submitted by the Trout Unlimited.

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

