

**Water Supply Reserve Fund – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**March 20-21, 2019**  
**Agenda Item 24(a)**

**Applicant & Grantee:** Colorado Trout Unlimited

**Water Activity Name:** South Boulder Creek Stream Management Plan, Phase I

**Water Activity Purpose:** Multipurpose

**County:** Boulder

**Drainage Basin:** South Platte

**Water Source:** South Boulder Creek

**Amount Requested:** \$13,500 South Platte Basin Account  
\$13,500 Metro Account  
\$27,000 Total request

**Matching Funds:** Applicant & 3<sup>rd</sup> Party Match (cash & in-kind) = \$105,000  
• 389% of the Basin Accounts (meets 10% min)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$13,500 from the South Platte Basin Account, and \$13,500 from the Metro Account to help fund the project titled: South Boulder Creek Stream Management Plan, Phase I.

**Water Activity Summary:** WSRF grant funds, if approved, will assist Colorado Trout Unlimited conduct a Stream Management Planning (SMP) effort for South Boulder Creek in Boulder County, specifically the approximately 9 miles from Eldorado Springs to the Boulder Creek confluence. This stretch is notable both as a working river delivering water to many users and for its extensive public recreational access through public open space. The SMP will produce a locally-driven process and structure for (1) collaborative stakeholder action, (2) establishing an accessible repository of stream and watershed information to support consumptive and non-consumptive water use decision making, (3) reviewing and updating stream flow needs analyses based on possible changes from severe 2013 floods, and (4) identifying specific watershed improvement opportunities including conceptual designs for habitat improvement, fish passage, and flow management. Phase I will specifically include an infrastructure assessment; evaluating 20 structures along the 9 mile stretch to determine which may require modification, and developing conceptual designs for discussion and coordination with the structures' owners.

Funds will be used primarily for contractors to provide needed professional services in data management and analysis, survey and flow modeling, and engineering design (concept-level designs with infrastructure inventory). Some funds will also be used toward outreach programs and related information technology.

**Discussion:** This effort will assist the South Platte Basin Roundtable and the Metro Roundtable achieve several of the goals in their Basin Implementation Plan of promoting environmental and recreational attributes on a significant stream reach in the basin, supporting implementation of the Environmental Pool (part of the mitigation for the proposed expansion of Gross Reservoir), as well as

promoting successful completion of multi-purpose storage with one of the region's identified IPPs. In addition, the public outreach components of the SMP process advance the goals for community outreach and education matters within the South Platte watershed.

In addition, this effort assists the state achieve the goal of covering 80% of locally prioritized lists of river with stream management plans, as called for in Chapter 10, Section 10.2 of Colorado's Water Plan.

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

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

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

**Funding Summary/Matching Funds:**

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>	<u>Status</u>
Trout Unlimited	\$11,500	\$11,000	\$22,500	Secured
City of Boulder	\$0	\$2,000	\$2,000	Secured
City of Lafayette	\$0	\$2,000	\$2,000	Secured
Denver Water	\$0	\$3,000	\$3,000	Secured
Colorado School of Mines	\$0	\$20,000	\$20,000	Secured
CWCB Stream Management Plan Grant	\$55,500	\$0	\$55,500	Secured
Sub-total	\$67,000	\$38,000	\$105,000	
WSRF South Platte Basin Account	\$13,500	\$0	\$13,500	Secured
WSRF Metro Account	\$13,500	\$0	\$13,500	Secured
<b>Total Project Costs</b>	<b>\$94,000</b>	<b>\$38,000</b>	<b>\$132,000</b>	

**CWCB Project Manager:** Linda Bassi

January 22, 2019

Megan Holcomb  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203

**RE: Approval for the South Boulder Creek Stream Management Plan WSRF Metro Roundtable application**

Dear Megan,

On behalf of the Metro Basin Roundtable, I am pleased to convey our support and approval for a Colorado Water Conservation Board (CWCB) Water Supply Reserve Fund (WSRF) grant application submitted by Trout Unlimited for Stream Management Planning on South Boulder Creek. Trout Unlimited presented the project to the Metro Roundtable in November and January, and on January 10 the Roundtable voted to approve the request for up to \$13,500 from the WSRF Metro Basin Account, contingent on the project also being approved for its Stream Management Plan grant request pending before the CWCB.

Trout Unlimited has been a valued partner in conservation and water issues over the years, working in collaboration with diverse stakeholders, and is well-suited to the role of facilitating this SMP effort. The proposed planning effort will identify priority needs for river restoration and promote opportunities for multi-benefit partnerships among conservationists, recreationists, municipalities, agricultural, and other stakeholders. Completion of this project will create a plan forward for the health and resiliency of lower South Boulder Creek, a valued natural environment, recreational resource, and working river.

Importantly for our roundtable, the project addresses multiple objectives from our Basin Implementation Plan. It promotes environmental and recreational attributes on a significant stream reach for the basin. By supporting implementation of the Environmental Pool, part of the mitigation on the proposed expansion of Gross Reservoir, the SMP promotes successful completion of multi-purpose storage with one of our basin's identified projects and processes (IPP). Finally, the public outreach components of the SMP process advance our goals for community outreach and education on water matters within the South Platte watershed.

Through this letter, I convey our approval and ask CWCB to advance its consideration and approval for the South Boulder Creek SMP funding through our basin account of the Water Supply Reserve Fund. We look forward to working with Trout Unlimited to create an improved plan for lower South Boulder Creek's health that also helps advance successful completion of a key IPP for our basin.

Sincerely,



Barbara Biggs  
Chair, Metro Basin Roundtable

South Platte Basin Roundtable  
Garrett Varra, Chair  
January 21, 2019

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

**\*\*VIA EMAIL to craig.godbout@state.co.us\*\***

**RE: Approval Recommendation for the South Boulder Creek Stream Management Plan WSRF South Platte Basin Roundtable application**

Dear Craig,

On behalf of the South Platte Basin Roundtable, I am pleased to convey our support and approval for a Colorado Water Conservation Board (CWCB) Water Supply Reserve Fund (WSRF) grant application submitted by Trout Unlimited for Stream Management Planning on South Boulder Creek. Trout Unlimited presented the project to the Roundtable in January, and on January 8 the Roundtable voted to approve the request for up to \$13,500 from the WSRF South Platte Basin Account, contingent on the project also being approved for its Stream Management Plan grant request pending before the CWCB. A second contingency was requested that any excess grant funds being returned pro-rata if the project runs under budget. A quorum was present at the January meeting of the South Platte Basin Roundtable.

Trout Unlimited has been a partner in conservation and water issues over the years, working in collaboration with diverse stakeholders, and is well-suited to the role of facilitating this SMP effort. The proposed planning effort will identify priority needs for river restoration and promote opportunities for multi-benefit partnerships among conservationists, recreationists, municipalities, agricultural, and other stakeholders. Completion of this project will create a plan forward for the health and resiliency of lower South Boulder Creek, an important natural environment, recreational resource, and working river.

Most significantly for our roundtable, the project addresses multiple objectives from our Basin Implementation Plan. It promotes environmental and recreational attributes on a significant stream reach for the basin. By supporting implementation of the Environmental Pool, part of the mitigation on the proposed expansion of Gross Reservoir, the SMP promotes successful completion of multi-purpose storage with one of our region's identified projects and processes (IPP). Finally, the public outreach components of the SMP process advance our goals for community outreach and education on water matters within the South Platte watershed.

Through this letter, I convey our recommendation for approval and ask CWCB to advance its consideration and approval for the South Boulder Creek SMP funding through our basin account of the Water Supply Reserve Fund. We look forward to working with Trout Unlimited to create an improved plan for lower South Boulder Creek's health that also helps advance successful completion of a key IPP for multi-purpose water supply.

Sincerely,  
Garrett Varra



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:

<b>Arkansas</b>  Ben Wade <a href="mailto:ben.wade@state.co.us">ben.wade@state.co.us</a> 303-866-3441 x3238	<b>Gunnison   North Platte   South Platte   Yampa/White</b>  Craig Godbout <a href="mailto:craig.godbout@state.co.us">craig.godbout@state.co.us</a> 303-866-3441 x3210	<b>Colorado   Metro   Rio Grande   Southwest</b>  Megan Holcomb <a href="mailto:megan.holcomb@state.co.us">megan.holcomb@state.co.us</a> 303-866-3441 x3222
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<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>
<b>Application Documents</b>	
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
X	Letters of Support
<b>Contracting Documents<sup>(3)</sup></b>	
	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:	January or March 2019
Desired Notice to Proceed Date:	As quickly as possible following CWCB approval

Water Activity Summary		
Name of Applicant	Colorado Trout Unlimited	
Name of Water Activity	South Boulder Creek Stream Management Plan, Phase I	
Approving Roundtable(s)	Basin Account Request(s) <sup>(1)</sup>	
Metro Roundtable (pending)	\$13,500	
South Platte Roundtable (pending)	\$13,500	
Basin Account Request Subtotal	\$27,000	
Statewide Account Request <sup>(1)</sup>	\$0	
Total WSRF Funds Requested (Basin & Statewide)	\$27,000	
Total Project Costs	\$132,000	

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



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Grantee and Applicant Information	
Name of Grantee(s)	Colorado Trout Unlimited
Mailing Address	1536 Wynkoop Street, Suite 320, Denver, CO 80202
FEIN	84-0628113
Grantee's Organization Contact <sup>(1)</sup>	David Nickum
Position/Title	Executive Director
Email	dnickum@tu.org
Phone	303-440-2937 x1
Grant Management Contact <sup>(2)</sup>	<u>David Nickum</u>
Position/Title	Executive Director
Email	dnickum@tu.org
Phone	303-440-2937 x1
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).
Colorado Trout Unlimited ("CTU") is a statewide organization of nearly 12,000 members in 24 local chapters dedicated to conserving, protecting and restoring Colorado's coldwater fisheries and their watersheds. For this project, CTU is coordinating with its Boulder Flycasters Chapter. CTU works through collaboration, education, grassroots action, and on-the-ground volunteerism to achieve its mission. Current efforts include collaboration with front range and west slope water users on "Learning by Doing" in the Colorado headwaters; partnership with Colorado Parks and Wildlife on native trout restoration projects; and local youth education initiatives featuring watershed science and outdoor recreation.

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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.
x	<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)	
x	Study
	Implementation

Category of Water Activity (check all that apply)		
x	Nonconsumptive (Environmental)	
x	Nonconsumptive (Recreational)	
	Agricultural	
x	Municipal/Industrial	
x	Needs Assessment	
x	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	Boulder County
Latitude	39.932 (upstream end)
Longitude	-105.281 (upstream end)



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### 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.

CTU proposes to conduct a Stream Management Planning effort for South Boulder Creek in Boulder County, specifically the approximately 9 miles from Eldorado Springs to the Boulder Creek confluence. This stretch is notable both as a working river delivering water to many users and for its extensive public recreational access through public open space. Through the SMP we will produce a locally-driven process and structure for (1) collaborative stakeholder action, (2) establishing an accessible repository of stream and watershed information to support consumptive and non-consumptive water use decision making, (3) reviewing and updating stream flow needs analyses based on possible changes from severe 2013 floods, and (4) identifying specific watershed improvement opportunities including conceptual designs for habitat improvement, fish passage, and flow management. Phase I will specifically include an infrastructure assessment; evaluating 20 structures along the 9 mile stretch to determine which may require modification, and developing conceptual designs for discussion and coordination with the structures' owners.

Funds will be used primarily for contractors to provide needed professional services in data management and analysis, survey and flow modeling, and engineering design (concept-level designs with infrastructure inventory). Some funds will also be used toward outreach programs and related information technology.

### 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)	
~9 miles (47,500 feet)	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
5,000AF	Other	Explain: volume of water delivery facilitated to provide environmental benefits (water source- Boulder & Lafayette; storage through Gross Reservoir Expansion Environmental Pool)

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### 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](#)).

The Colorado Water Plan sets a goal of establishing stream management plans for 80% of priority waterways in Colorado (SWP p. 10-7). South Boulder Creek's environmental and recreational attributes were called out in the South Platte Basin nonconsumptive use analysis, and this initiative will help achieve the CWP goal by developing an SMP for that important waterway. The CWP further calls for planning "that compiles and develops near-term projects and methods to support economically important water-based recreation" (SWP p. 10-12). South Boulder Creek is an important recreational resource close to major population areas, with extensive public access through local open space properties. An enhanced South Boulder Creek will support greater recreational fishing, as well as enhancing related recreational activities such as hiking on streamfront trails. The SMP process will help provide that improved recreational amenity for Boulder County and its visitors.

The CWP also identifies as a critical action for its storage goal: "Prioritize grants and loans to support the implementation of BIP-identified multipurpose projects and methods, taking into consideration locally identified geographic and seasonal gaps" (SWP p.10-11). The South Boulder Creek SMP will support successful use of the Gross Reservoir Environmental Pool, part of the multi-purpose Moffat Collection System IPP. By facilitating successful mitigation it will advance IPP implementation, as well as helping to meet the environmental flow gap for South Boulder Creek.

In a similar vein, the SMP will help multiple elements of the South Platte Basin Implementation Plan. As previously described, assisting with planned mitigation for the Moffat Firming Project will help "maximize the implementation of IPPs" (BIP 5.5.1). Developing next steps for environmental flow management, fish passage, and potential habitat improvement projects along a stream stretch with significant public access, will also "protect and enhance environmental and recreation attributes" (BIP 5.5.5). Finally, planned community outreach will advance the BIP element to "facilitate South Platte communications and outreach programs" (BIP 5.5.9).

This project complies with the criteria for state support. It demonstrates "a commitment to collaboration" (SWP p.9-43) by facilitating the multi-purpose aspects of the Moffat Collection System IPP, involving multiple stakeholders including local governments, and providing (through our planned outreach program) opportunities for public input. It will "address an identified water gap" (SWP p.9-44) by helping fill the nonconsumptive gap on South Boulder Creek – and insofar as this also assists in implementing required mitigation for the Moffat Collection System project, indirectly helping with the region's consumptive gap as well. The SMP will "demonstrate sustainability" (SWP p.9-44), not only avoiding adverse impacts but creating positive impacts on the environment, and facilitating a water-sharing program through which water delivered for municipal use will create environmental and recreational benefits. Finally, the SMP (both current and future phases) demonstrates "fiscal and technical feasibility" (SWP p.9-44). Local partners are contributing both cash and in-kind to the project, and the combination of Denver Water, Lafayette, and Boulder have the capacity and commitment to provide implementation funds for upcoming action phases (construction of the environmental pool as part of Gross Reservoir; final design/build of identified infrastructure improvements).

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



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### Matching Requirements: Basin Account Requests

**Basin (only) Account** 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 **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)
Trout Unlimited	\$11,000 in-kind (staff, volunteer)
Trout Unlimited	\$11,500 cash
City of Boulder	\$2,000 in-kind
City of Lafayette	\$2,000 in-kind
Denver Water	\$3,000 in-kind
Colorado School of Mines, Senior Design Program	\$20,000 in-kind
CWCB Stream Management Plan Grant	\$55,500 cash
Total Match	\$105,000
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 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 **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).	

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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.

The Environmental Pool and some related information regarding it can be found in the 2014 Final Environmental Impact Statement – Moffat Collection System Project from the Army Corps of Engineers, available at <http://www.nwo.usace.army.mil/Missions/Regulatory-Program/Colorado/EIS-Moffat/>.

This project will help enhance the ability to meet minimum instream flows on a stretch protected by a CWCB appropriation (1-80CW379A) that was limited by water availability. Boulder and Lafayette will coordinate with the Instream Flow and Natural Lake Level program on the legal mechanisms to best protect the additional flow en route to its ultimate point of diversion.

### 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

Colorado Trout Unlimited, Species Trust Big Barnes Fish Passage Design, 1/8/16, Purchase order # PO PDAA 20160000000000006486

Boulder Flycasters, Rogers Park Restoration, Healthy Rivers Fund grant, final report (2009) available: <https://dnrweblink.state.co.us/cwcb/0/doc/139063/Electronic.aspx?searchid=0bf57dd9-a907-47b3-adc7-acadbec168b0>

### 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.

As a non-governmental entity, CTU is not subject to any separate TABOR limitations.



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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>3/4/2019</b>
<b>Water Activity Name:</b>	<b>South Boulder Creek Stream Management Plan, Phase I</b>
<b>Grant Recipient:</b>	<b>Colorado Trout Unlimited</b>
<b>Funding Source:</b>	<b>Water Supply Reserve Fund (SP &amp; Metro Basin Roundtables)</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>CTU proposes to conduct a Stream Management Planning effort for South Boulder Creek in Boulder County, specifically the approximately 9 miles from Eldorado Springs to the Boulder Creek confluence. This stretch is notable both as a working river delivering water to many users and for its extensive public recreational access through public open space. Through the SMP we will produce a locally-driven process and structure for (1) collaborative stakeholder action, (2) establishing an accessible repository of stream and watershed information to support consumptive and non-consumptive water use decision making, (3) reviewing and updating stream flow needs analyses based on possible changes from severe 2013 floods, and (4) identifying specific watershed improvement opportunities including conceptual designs for habitat improvement, fish passage, and flow management. Phase I will specifically include an infrastructure assessment; evaluating 20 structures along the 9 mile stretch to determine which may require modification, and developing conceptual designs for discussion and coordination with the structures' owners.</p> <p>WSRF funds will be used primarily for contractors to provide needed professional services in data management and analysis, survey and flow modeling, and engineering design (concept-level designs with infrastructure inventory). Some funds will also be used toward outreach programs and related information technology.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<p><b>Objective 1:</b> Develop working collaboration between key stakeholders committed to habitat quality and water quantity and quality – core working group (TU, Denver Water, Boulder, Lafayette) and expansion to additional stakeholders (ditch owners, landowners, local community members)</p> <p><b>Objective 2:</b> Improve understanding of the current state, challenges and future opportunities for improvement to the SBC watershed with agreed-upon River Health Methodology, information inventory, stream flow needs assessment, and tools to communicate and share data, recommendations and proposed actions</p> <p><b>Objective 3:</b> Provide the basis for future implementation and action phases, including:</p> <ul style="list-style-type: none"><li>• Helping to complete and augment efforts to implement an Environmental Pool within Gross Reservoir to provide for sustainable year round in-stream water flows</li><li>• Implementing additional stream health monitoring along SBC</li><li>• Building &amp; maintaining a consolidated database of key water and habitat quality and quantity measures</li><li>• Design and construction of infrastructure improvements needed to deliver Environmental Pool flows, to improve habitat and stream function, and fish / aquatic organism passage</li></ul>	

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 1 - Stakeholder Engagement and Communications</u></b>
Description of Task:
<p>Stakeholder engagement will be accomplished through two task areas: steering committee involvement and stakeholder outreach. The current steering committee is made up Denver Water, Boulder Water, Boulder Open Space &amp; Mountain Parks (OSMP), Lafayette Water and BFC / CTU. This group will continue forward. Through stakeholder outreach we will work to add at least two other representatives from the identified stakeholder community; targeting a third party ditch operator and a community representative, at a minimum. Cooperation will be very important in order to implement and use the Environmental Pool (a complex effort), as well as monitoring in order to ensure habitat quality, water quantity / quality and in-stream flow goals are met. Underlying this will be consistent and timely communication through upfront planning and stakeholder outreach.</p>
Method/Procedure:
<ol style="list-style-type: none"> <li>1.1 Formalize involvement of concurrent partners (Denver Water, Boulder Water / OSMP, Lafayette Water)               <ol style="list-style-type: none"> <li>1.1.1 Establish the formal project steering committee</li> <li>1.1.2 Reiterate current stakeholders commitments and reaffirm expectations to ensure acceptance of the plan</li> <li>1.1.3 Define specific roles and responsibility</li> </ol> </li> <li>1.2 Identify and reach out to other stakeholders: municipal, industrial, agricultural, recreational, and environmental, as well as public and private land owners               <ol style="list-style-type: none"> <li>1.2.1 Conduct two listening sessions, get input, identify needs and determine level of participation / commitment to SMP goals, objectives and implementation of outcomes with municipal level project</li> </ol> </li> <li>1.3 Proactively and consistently communications and provide points of contact               <ol style="list-style-type: none"> <li>1.3.1 Develop and execute communications plan</li> <li>1.3.2 Establish program management / communications protocols for partners, contractors and other third parties</li> <li>1.3.3 Establish PR / communications protocols for the public and elected officials</li> </ol> </li> </ol>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ol style="list-style-type: none"> <li>1. Listening Sessions Notes and Summary</li> <li>2. Communication Plan</li> <li>3. Communication Protocols</li> <li>4. PR Plan</li> </ol>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

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Tasks
<ol style="list-style-type: none"> <li>1. Final report describing listening sessions and outcomes</li> <li>2. Communication Plan &amp; Protocols</li> <li>3. PR Plan</li> </ol>

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 2 - Governance and Third Party Relationships</u></b>
Description of Task:
This task area is primarily concerned with managing third party relations through the steering committee and other third party communications execution. Asses / confirm basic flow modeling accuracy post 2013 flooding for minimum in-stream flow goals.
Method/Procedure:
<ol style="list-style-type: none"> <li>2.1 Establish steering committee             <ol style="list-style-type: none"> <li>2.1.1 Confirm / determine specific personnel for membership; set expectations; set out commitment to action guidelines; define roles</li> <li>2.1.2 Set meeting schedule (kick off meeting, quarterly meetings, topic specific meetings)</li> </ol> </li> <li>2.2 Establish relationship structures with other related groups             <ol style="list-style-type: none"> <li>2.2.1 Basin Roundtables, CWCB, Partners, Contractors, Funding Sources, etc., briefing meetings for new participants</li> </ol> </li> <li>2.3 Set up communication and collaboration technology as needed             <ol style="list-style-type: none"> <li>2.3.1 Document sharing and collaborative development</li> <li>2.3.2 Communications platform – message board, email lists, etc</li> </ol> </li> </ol>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ol style="list-style-type: none"> <li>1. Steering Committee Membership List</li> <li>2. 2019 Schedule</li> <li>3. Identified people for each relationship and frequency / type of contact</li> <li>4. Identified tool(s) – google, slack, drop box etc.</li> </ol>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<ol style="list-style-type: none"> <li>1. Final report describing steering committee structure and membership, roles, and protocols.</li> </ol>





Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 3 - River Health Assessment Methodology</u></b>
Description of Task:
Establish agreed-to methodologies for river health assessment. Identify, catalog and assess existing data / information sources to establish baseline and gaps. Data will be critical for understanding future phase's projects and expected outcomes. Assess / confirm basic flow modeling accuracy post 2013 flooding for minimum in-stream flow goals.
Method/Procedure:
<ul style="list-style-type: none"><li>3.1 Identify Methodology for assessing biological, hydrological, and geomorphological conditions at a reach scale<ul style="list-style-type: none"><li>3.1.1 Identify the prevailing and proven assessment methodologies available – State of Colorado frameworks (EcoMetrics / Colorado's FACStream); stakeholder methodologies in use; etc.</li><li>3.1.2 Select and confirm use, metrics and other parameters</li><li>3.1.3 Leverage measurement and standards criteria regarding habitat and water quality criteria already defined for SBC (especially in regard to Gross Reservoir Expansion permits)</li></ul></li><li>3.2 Identify sources, ownership, and appropriateness of existing SBC data<ul style="list-style-type: none"><li>3.2.1 Work with existing stakeholders directly to identify best data sources</li><li>3.2.2 Conduct public records searches / requests of municipalities, water utilities and other governmental / public sources</li><li>3.2.3 Discuss what data / information sources that might be available with industrial, commercial and private landowner stakeholders</li></ul></li><li>3.3 Leverage BFC Data Collection Efforts<ul style="list-style-type: none"><li>3.3.1 Continue BFC data collection activities (water / air temperature data loggers, and dissolved O2 field data collection)</li><li>3.3.2 Collect and Incorporate BFC data collection results</li></ul></li><li>3.4 Create Data / Information Inventory<ul style="list-style-type: none"><li>3.4.1 Catalog and categorize the various types of habitat and water quality and quantity data and sources that exist for SBC</li></ul></li><li>3.5 Assess Quality and Usefulness of Data / Information in Inventory<ul style="list-style-type: none"><li>3.5.1 Determine quality and usefulness of each data / information source</li><li>3.5.2 Determine if date created, scale / criteria of measurement, frequency of collection / data points, objectives, etc are relevant to River Health Methodology</li><li>3.5.3 Determine effort to normalize data / information across sources</li><li>3.5.4 Identify gaps in the existing data, and devise plans to close those gaps through additional data gathering and / or studies / assessments</li><li>3.5.5 Write up recommended improvements</li></ul></li><li>3.6 Evaluate stream channel to determine if existing modeling provides accurate basis for flow targets or if changes from 2013 flooding necessitate adjustments in flow objectives<ul style="list-style-type: none"><li>3.6.1 Collect cross-section data at 3-4 locations aligned with previous flow study sites</li><li>3.6.2 Analyze model results based on new data to determine what, if any, changes are needed in target flows</li></ul></li></ul>





Last Update: January 9, 2018

Tasks
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ol style="list-style-type: none"><li>1. Short list of alternatives</li><li>2. Methodology Selected</li><li>3. Metrics / Measurements Table</li><li>4. Stakeholder source data list; personnel to contact</li><li>5. Records search data list; people contacted</li><li>6. Data list from stakeholder outreach / listening sessions</li><li>7. BFC collected data assessment</li><li>8. Data / Information Inventory</li><li>9. Data / Information Inventory Analysis</li><li>10. In-stream flow analyses report</li></ol>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<ol style="list-style-type: none"><li>1. Final report describing methodology and providing metadata.</li><li>2. Data Information Inventory</li><li>3. Instream flow analyses report</li></ol>

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 4 - Existing Physical Infrastructure Assessment</u></b>
Description of Task:
Establish agreed-to methodologies for physical infrastructure assessments. Leverage earlier physical infrastructure mapping. Work with stakeholders to ensure completeness and accuracy of the inventory. Physically inspect each infrastructure location. Develop recommendations for modification to allow low water flow passage, fish passage and water use efficiency.
Method/Procedure:
<ol style="list-style-type: none"><li>4.1 Identify and assess the engineered structures<ol style="list-style-type: none"><li>4.1.1 Begin with existing high level mapping document</li><li>4.1.2 Confirm current map with stakeholders, and identify additional structures to be considered</li><li>4.1.3 Visit each structure to confirm exact location (GPS coordinates; exact type / use; take photographs; prepare notes of potential modifications)</li></ol></li><li>4.2 Document Potential Modifications at a conceptual design level<ol style="list-style-type: none"><li>4.2.1 In regard to enabling or impeding year round in-stream flows, fish passage, efficient water use, environmental / habitat quality and recreational use</li><li>4.2.2 Develop high level modifications by structure as appropriate</li><li>4.2.3 Identify areas for future stakeholder agreement in regard to the number of structures that would be impacted</li></ol></li><li>4.3 Identify opportunities for channel and habitat improvement (beyond physical structures)<ol style="list-style-type: none"><li>4.3.1 Develop initial list through discussion with stakeholders</li><li>4.3.2 Walk SBC stretch to develop high level habitat map to highlight obvious actively eroding</li></ol></li></ol>



Last Update: January 9, 2018

Tasks
banks or channel instability and pools / riffles / point bars, as well as an inventory of potential physical infrastructure improvements. 4.3.3 Discuss with stakeholders 4.3.4 Prepare report documenting recommended improvements
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
1. Updated Structures Inventory 2. Report with recommended conceptual modifications for each structure, as needed 3. Report including SBC high level habitat map and potential stream improvements
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
1. Final report including recommended structural modification conceptual designs, habitat map, and concepts for stream improvement. 2. Updated structures inventory

Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 5 - Program Management and Administration</u></b>
Description of Task:
Overall management of the project, including budget tracking, periodic reporting, task deliverable tracking, and final deliverables development.
Method/Procedure:
5.1 Establish Program Management Office 5.1.1 Functions, staffing and costs 5.1.2 Supplies, printing, copying, mailing, etc cost 5.2 Funding Sources Reporting 5.2.1 Grant administration and reporting 5.2.2 Periodic reporting to governance and other interested parties 5.3 Third Party / Contract Services 5.3.1 Establish contracting standards / templates, and prepare RFPs 5.3.2 Manage and report on third party contracts 5.4 Budget tracking and management 5.4.1 Budget tracking and management 5.4.2 In-Kind and third party donations 5.5 Manage Deliverables



Last Update: January 9, 2018

Tasks
<ul style="list-style-type: none"><li>5.5.1 Oversee and critique task level deliverables</li><li>5.5.2 Consolidate findings, recommendations, projects and next steps as developed</li><li>5.6 Stakeholder and Other Third Party Status Reporting<ul style="list-style-type: none"><li>5.6.1 Prepare Steering Committee agendas, presentations, hand outs, etc.</li><li>5.6.2 Prepare third party reporting and presentation packages</li></ul></li><li>5.7 Project Final Reports / Deliverables<ul style="list-style-type: none"><li>5.7.1 Create and / or manage the creation of final deliverables</li></ul></li></ul>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ul style="list-style-type: none"><li>1. Grant Specific Reports</li><li>2. Communication Plan Reporting</li><li>3. Contract Templates</li><li>4. RFPs as needed</li><li>5. Budget Reporting</li><li>6. In-Kind Donation Reports</li><li>7. Briefing Documents, Archive, Running Status</li><li>8. Running Deliverables Library</li><li>9. Steering Committee Library</li><li>10. Third Party Library</li><li>11. Final Report Each Funding Source, Stakeholder Group and Public.</li></ul>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<ul style="list-style-type: none"><li>1. Progress (every 6 months) and Final Reports</li><li>2. RFPs and contracts for subcontract work</li><li>3. Library of all project deliverables</li></ul>

Budget and Schedule
<b>Exhibit B - Budget and Schedule:</b> This Statement of Work shall be accompanied by a combined <a href="#">Budget and Schedule</a> that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in <u>excel format</u> . A separate <u>excel formatted</u> Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements
<b>Progress Reports:</b> The grantee shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.
<b>Final Report:</b> At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:

Last Update: January 9, 2018

### Reporting Requirements

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

### Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

### Performance Requirements

Performance measures for this contract shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per the Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.

**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: 12/21/2018****Water Activity Name: South Boulder Creek Stream Management Plan, Phase I****Grantee Name: Colorado Trout Unlimited**

<b>Task No.</b> <sup>(1)</sup>	<b>Description</b>	<b>Start Date</b> <sup>(2)</sup>	<b>End Date</b>	<b>Matching Funds</b> (cash & in-kind) <sup>(3)</sup>	<b>WSRF Funds</b> (Basin & Statewide combined) <sup>(3)</sup>	<b>Total</b>
1	Stakeholder Engagement & Communications	4/1/2019	6/1/2020	\$6,000	\$3,000	\$9,000
2	Governance & Third Party Relationships	4/1/2019	8/1/2019	\$8,600	\$1,000	\$9,600
3	River Health Assessment Methodology	4/1/2019	6/1/2020	\$15,900	\$9,000	\$24,900
4	Existing Physical Infrastructure Assessment	4/1/2019	6/1/2020	\$53,900	\$9,000	\$62,900
5	Program Management & Administration	4/1/2019	6/1/2020	\$20,600	\$5,000	\$25,600
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
<b>Total</b>				<b>\$105,000</b>	<b>\$27,000</b>	<b>\$132,000</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.

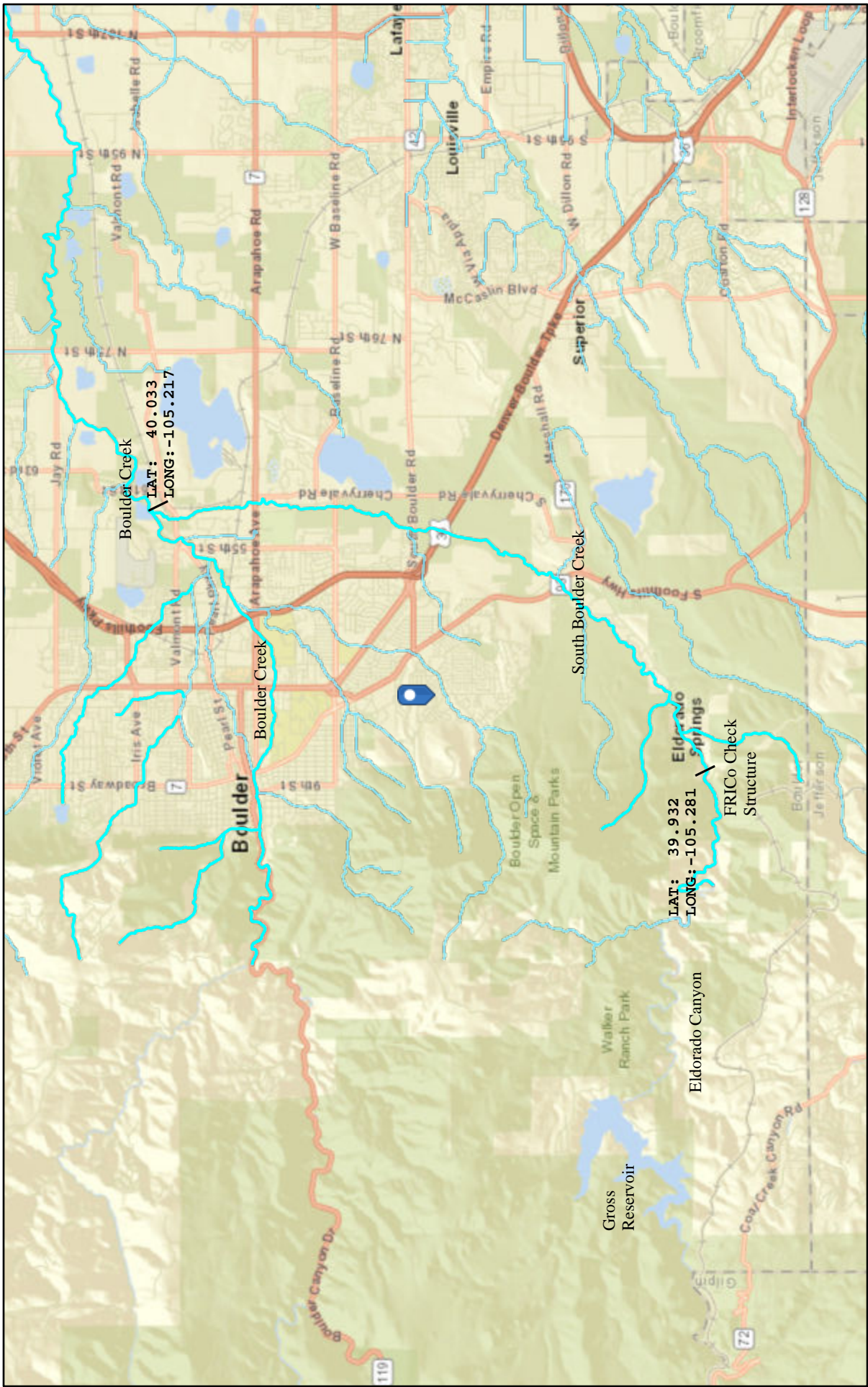
The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed 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.



# ArcGIS Web Map



10/17/2018, 10:41:43 AM

1:144,448

November 29, 2018

Stephen Brant  
Boulder Flycasters/Trout Unlimited  
PO Box 541  
Boulder, CO 80306

**RE: In-kind contribution for the South Boulder Creek Watershed Restoration Grant application by the Boulder Flycasters Chapter of Trout Unlimited**

Dear Stephen,

With this letter, we are updating our support of Boulder Flycasters/Trout Unlimited's Watershed Restoration grant application with a quantification of our in-kind support. We offer this support as a component of Trout Unlimited (TU)'s matching requirements for the grant application.

We estimate that City of Boulder Water Resources staff support to the project, primarily under Grant Tasks 3.0 and 4.0, can be valued at \$2,000 in 2019. Additionally, our ongoing work on water rights, infrastructure and coordination efforts to meet our commitments in the two 2010 Intergovernmental Agreements (IGAs) between the cities of Denver, Lafayette and Boulder align with the goals of TU's grant application.

Sincerely,

Joanna M. Bloom  
City of Boulder  
Water Resources Project Manager

November 27, 2018  
Via email: slbrant62@gmail.com

Stephen Brant  
Boulder Flycasters / Trout Unlimited  
PO Box 541  
Boulder, CO 80306

**RE: South Boulder Creek Project In-Kind Contribution**

Dear Stephen,

I am writing to inform you that Denver Water will provide in-kind financial support, in the form of staff hours, for the South Boulder Creek Stream Management Plan (SMP) Phase I project. We understand that this funding will be part of Trout Unlimited's matching requirements associated with the SMP grant process underway with the Colorado Water Conservation Board.

Staff support to the project will be provided in calendar year 2019 and is estimated to be \$3,000.

We believe that a collaborative, stakeholder supported, SMP will benefit on-going improvement efforts on South Boulder Creek.

Sincerely,



Travis Bray





November 20, 2018

Via email: slbrant62@gmail.com

Stephen Brant  
Boulder Flycasters / Trout Unlimited  
PO Box 541  
Boulder, CO 80306

**RE: South Boulder Creek Project In-Kind Contribution**

Dear Stephen,

I am writing to inform you that the City of Lafayette Water Utility will provide in-kind financial support, in the form of cash or staff hours at our preference, for the South Boulder Creek Stream Management Plan (SMP) Phase I project. We understand that this funding will be part of Trout Unlimited's matching requirements associated with the SMP grant process underway with the Colorado Water Conservation Board.

Our commitment of staff support will be as follows:

- Environmental Pool Operational Review
- Diversion structure assessment and replacement design criteria
- Structure improvement recommendations review
- To total \$2,000 or more as a cumulative total in cash or salary with distribution at our discretion.

These expenses have been budgeted for the 2019 budget year, and are expected to be encumbered in 2019.

We believe that a collaborative, stakeholder supported, SMP will benefit on-going improvement efforts on South Boulder Creek.

Sincerely,

Bradley S. Dallam, P.E.  
Water Resource and CIP Manager

cc: Melanie Asquith, Joanna Bloom



3 March 2019

To: David Nickum, Colorado Trout Unlimited

SUBJECT: In kind services from School of Mines Senior Design Team

To whom it may concern:

The Colorado School of Mines Senior Design program will be providing services to the South Boulder Creek Stream Management Plan project over the course of 2019. Their work will consist of examining existing structures, surveying, hydraulic modelling using HEC-RAS, and detailed design work for new hydraulic structures that allow for fish passage. The Colorado School of Mines Senior Design team consists of teams of 6 senior students that will work on this design project for the final two semesters of their time at School of Mines before graduating. The design work that these students will perform during the one-year design sequence can be conservatively valued at a minimum of \$20,000. Please feel free to contact me if you have any questions or concerns. I can be reached at 303-273-3613 or [kkinzli@mines.edu](mailto:kkinzli@mines.edu).

Sincerely,

Kristoph-Dietrich Kinzli  
Teaching Professor  
Department of Civil and Environmental Engineering  
Colorado School of Mines



January 23, 2018

**Stephen Brant, Project Sponsors' Representative**  
**Boulder Flycasters Trout Unlimited Chapter**  
**P.O. Box 541**  
**Boulder, CO 80306**

Dear Boulder Flycasters Trout Unlimited Chapter:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCBC) has approved your application, **South Boulder Creek Stream Management Plan, Phase I – Stakeholder Outreach, River Health Assessment Methodology Selection, and Existing Physical Infrastructure Assessment**, for funding pursuant to the Colorado Watershed Restoration Program (CWRP) in the amount of \$55,500. Please contact me to schedule a time to discuss the contracting process and additional needs.

General additional needs include:

- Stream Management Plan grantees must demonstrate that the planning effort put as much or more emphasis on environmental and recreational water uses as it does on other water uses.
- All CWRP funding awards are contingent upon applicant's ability to secure match funding.
- All grantees should adhere to their organizational procurement policies when hiring contractors and consultants. CWCBC recommends that State procurement policies be used as a guide if an organization does not have procurement policies.
- Grantees should adequately address CWCBC staff comments to scopes of work, engineering designs, and applications. This may result in changes. Comments are forthcoming.

The CWRP Grant Program Guidance can be located on our website for additional information.

Sincerely,  
**Vivian Pinelli**  
Administrative Assistant II



P (303) 866-3441 | F (303) 866-4474  
1313 Sherman Street, Room 718 | Denver, CO 80203  
vivian.pinelli@state.co.us | cwcb.state.co.us



## City of Boulder Open Space and Mountain Parks

Mailing Address: PO Box 791, Boulder, CO 80306  
2520 55<sup>th</sup> Street, Boulder, CO 80301 303-441-3440  
<http://www.osmp.org>

24 October 2018

Chris Sturm  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
303-866-3441, ext. 3236

**RE: Letter of Support for the South Boulder Creek Watershed Restoration Grant application by the Boulder Flycasters (BFC) Chapter of Trout Unlimited**

Dear Chris,

The City of Boulder Open Space and Mountain Parks Department (OSMP) is pleased to write in support of Boulder Flycaster's efforts to develop a plan for stream health and resiliency of South Boulder Creek through a grant from the CWCB Colorado Watershed Restoration Program. The proposed plan will help identify priority needs for river restoration and promote opportunities for collaboration and partnerships among landowners, conservationists, recreationists, municipalities, agricultural users and other stakeholders. We feel BFC's proposal is well aligned with the goals of OSMP.

Boulder Flycasters has worked collaboratively with OSMP on many conservation projects over the years. We are currently partnering with them on a fish habitat improvement project on Boulder Creek funded by OSMP, BFC and the Colorado Parks and Wildlife Department Fish Is Fun program. Boulder Flycasters has done an exceptional job fund raising, planning and coordinating with all stakeholders on this project. BFC has an excellent track record implementing major stream and riparian habitat improvement projects on Middle Boulder Creek, South Boulder Creek, Jenny Creek in the upper Boulder Creek watershed and other important aquatic sites.

We look forward to working with Boulder Flycasters to create a comprehensive stream management plan for South Boulder Creek.

Sincerely,

Dan Burke  
Interim Director  
City of Boulder Open Space and Mountain Parks



October 25, 2018

Chris Sturm  
[chris.sturm@state.co.us](mailto:chris.sturm@state.co.us)  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203

**RE: Letter of Support for the South Boulder Creek Watershed Restoration Grant  
application by the Boulder Flycasters Chapter of Trout Unlimited**

Dear Chris,

We are pleased to write in support of Boulder Flycasters Trout Unlimited's Watershed Restoration grant application. The City of Boulder has long supported the development of an instream flow program on South Boulder Creek for the enhancement of aquatic and riparian habitat below Gross Reservoir. Boulder has been working towards water rights, infrastructure and coordination efforts since entering into two Intergovernmental Agreements (IGAs) between the cities of Denver Lafayette and Boulder in 2010. These IGAs provide for the creation of an Environmental Pool in Gross Reservoir that will provide water for minimum stream flows. We believe Trout Unlimited's efforts are aligned with these ongoing efforts and we appreciate the opportunity to participate. As South Boulder Creek is a highly regulated and administered stream, streamflow improvement will require coordination among multiple stakeholders and we look forward to collaborating with Boulder Flycasters.

Sincerely,

Joanna M. Bloom  
City of Boulder  
Water Resources Project Manager

Mr. Chris Sturm  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203

October 29, 2018

RE: South Boulder Creek Stream Management Plan Grant Application by the  
Colorado Trout Unlimited

Dear Chris,

I am writing this letter in support of the Colorado Trout Unlimited's Boulder Flycasters chapter (CTU/BFC) grant application for the South Boulder Creek Stream Management Plan (SMP) from the Colorado Water Conservation Board (CWCBC) Colorado Watershed Restoration Program. Denver Water is pleased to support the efforts of CTU and the local BFC in bringing stakeholders together to facilitate discussions on sustainable management actions and long-term stewardship of the aquatic habitat of the lower South Boulder Creek watershed stretching from below Eldorado Canyon to the confluence with Boulder Creek. Denver Water recognizes the value of BFC's public outreach efforts so far and believes this positive momentum will continue upon CTU's receipt of the CWCBC grant funding, which is necessary to develop a broad, multi-faceted SMP that promotes the ecological health and resiliency of the South Boulder Creek watershed.

CTU and BFC have been involved in many conservation projects over the years. In the last five years, the BFC have implemented major stream and riparian habitat improvements on Middle Boulder Creek, South Boulder Creek, and Jenny Creek in the Boulder Creek watershed. The SMP proposed by CTU will help identify priority needs for river restoration and promote opportunities for multi-benefit partnerships among conservationists, recreationists, municipalities, agricultural, and other stakeholders. Denver Water's planned Environmental Pool at Gross Reservoir, which will be used to enhance stream flows in lower South Boulder Creek, presents a significant opportunity for future collaboration guided by the SMP to improve the watershed. CTU's proposal will result in implementation of a successful SMP that is well aligned with the goals of the CWCBC and stakeholders.

We support CTU/BFC's efforts to design a stream management plan built upon collaboration and the shared goal of improving the health of South Boulder Creek.

Sincerely,



Dave Bennett  
Director Water Resource Strategy





October 26, 2018

Chris Sturm  
[Chris.sturm@state.co.us](mailto:Chris.sturm@state.co.us)  
Colorado water conservation Board  
1313 Sherman Street, Room 721  
Denver CO 80203

RE: Letter of Support for the South Boulder Creek Watershed Restoration  
Grant Application by the Boulder Flycasters Chapter of Trout Unlimited

Dear Mr. Sturm

As you may know Denver, Boulder and Lafayette entered into an IGA in 2010 to develop an Environmental Pool in the Gross Reservoir (Moffat Tunnel) project.

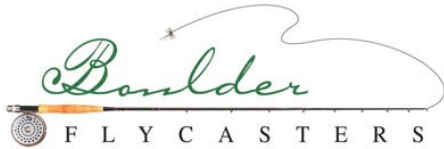
The Environmental Pool accomplished goals for all parties, ranging from creating minimum stream flows to expanding Lafayette's water portfolio. The goal of the minimum stream flows was to enhance aquatic and riparian habitat below Gross Reservoir, we believe that the goals of the Boulder Flycasters (Trout Unlimited) and the grant that they are seeking are consistent with the goals of the IGA, and with that we support the grant application.

Thank you for your time and consideration of the grant application and the support Boulder and Lafayette provide for same.

Respectfully,

Bradley S. Dallam, P.E.  
Water Resource and CIP Manager

## South Boulder Creek Stream Management Plan Grant Application



October 17th 2018

The following are 17 letters of support for this grant request from homeowners with property along South Boulder Creek in Eldorado Springs, and the La Mesa Drive and Prado Drive neighborhoods of Boulder.

Sincerely,

A handwritten signature in black ink, appearing to be "Robert McCormack", with a stylized initial and a long horizontal stroke.

Robert McCormack  
President, Boulder Flycasters  
PO Box 541  
Boulder, CO  
80306  
cell-201-213-7295  
[troutrobert@gmail.com](mailto:troutrobert@gmail.com)  
[Boulderflycasters.org](http://Boulderflycasters.org)





Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
Phone: 303-866-3441, ext. 3236

**RE: Letter of Support for the South Boulder Creek Watershed Restoration Grant application by the Boulder Flycasters Chapter of Trout Unlimited**

Dear Chris,

We are pleased to write in support of the Colorado Water Conservation Board (CWCB) Colorado Watershed Restoration Program application being submitted by Boulder Flycasters Trout Unlimited. Completion of this project will create a plan forward for the stream health and resiliency of Lower South Boulder Creek.

The Boulder Flycasters have been involved in many conservation projects over the years. In the last five years the Flycasters have implemented major stream and riparian habitat improvements on Middle Boulder Creek, South Boulder Creek, and Jenny Creek in the upper Boulder Creek watershed. Recently, I (We) feel that Boulder Flycasters have done a good job coordinating with appropriate stakeholders of lower South Boulder Creek, including (us). The plan proposed by the Flycasters will help identify priority needs for river restoration and promote opportunities for multi-benefit partnerships among conservationists, recreationists, municipalities, agricultural, and other stakeholders. The Boulder Flycasters' proposal will result in implementation of a successful project that is well aligned with the goals of the CWCB and the stakeholders.

We are particularly pleased that the proposed plan will address stakeholder specific needs, including low winter water flows that result in environmental damage and fish kills.

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Sincerely,

*Ronald W. Zisch*  
4741 El Dorado Springs Dr  
Boulder CO 80303

10/15/18



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
Phone: 303-866-3441, ext. 3236

**RE: Letter of Support for the South Boulder Creek Watershed Restoration Grant application by the Boulder Flycasters Chapter of Trout Unlimited**

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Sincerely,

 1830 Senda Terosa St.



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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Sincerely,

*William D. Tree, 1977 Senda Kocoro St. Boulder, CO. 80303*



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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Sincerely,

GEOFF FIEFFELD  
1881 Linda Rocosa  
Boulder, CO 80303



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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Sincerely,

4755 Eldorado Spgs Dr.  
Boulder, CO 80303



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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Sincerely,

4681 E/Downs Dr. Boulder, CO 80303





(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
Phone: 303-866-3441, ext. 3236

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Sincerely,

*Devin Montey*  
4691 Eldorado Springs Dr, Boulder CO 80303



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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Sincerely,

*Jane Center*  
1325 Sandoz Avenue, Boulder 80303



(Date)

Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
Phone: 303-866-3441, ext. 3236

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Sincerely,

*Travis Zaver* 4409 PRADO DRIVE BOULDER



Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
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Sincerely,

MATT NORKUNAS  
4551 PRADO DRIVE  
BOULDER CO 80703



Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
Phone: 303-866-3441, ext. 3236

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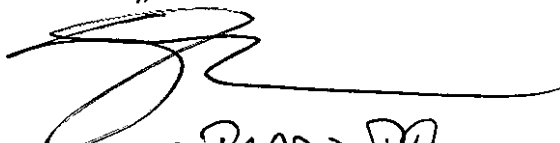
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4339 PRADO DR  
BOULDER, CO 80303



Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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*Stan South*  
4247 Prado Drive  
Boulder, CO 80303





Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
Phone: 303-866-3441, ext. 3236

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- 4589 PRADO DRIVE  
- 4259 PRADO DRIVE



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chris.sturm@state.co.us  
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Sincerely,

*Kurt G. Hedgecock*  
2285 La Mesa Dr.  
Boulder, CO.  
80303



Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
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MICHAEL ISRAELSON

4325 PRADO DR.  
BOULDER, CO  
80303  
(ELDORADO SPGS)



Chris Sturm  
chris.sturm@state.co.us  
Colorado Water Conservation Board  
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4437 PRADO DR, BOULDER CO 10-16-2018



Chris Sturm  
chris.sturm@state.co.us  
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*Stan South*  
7519 Prado Dr  
Oct 18 2018